

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031777.D
 Acq On : 27 Dec 2017 1:32
 Operator : SJ/JU
 Sample : PB105316BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Manual Integrations
 APPROVED

Sohil
 12/27/2017 1:56:52 PM

Quant Time: Dec 27 06:04:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	41709	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	184299	20.00	ng	-0.04
38) Acenaphthene-d10	15.44	164	133967	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	347966	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	400526	20.00	ng	-0.05
86) Perylene-d12	26.27	264	442954	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	254771	111.26	ng	-0.02
7) Phenol-d6	7.91	99	330333	111.11	ng	-0.02
23) Nitrobenzene-d5	10.00	82	251906	103.21	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	232768	113.87	ng	-0.04
44) 2-Fluorobiphenyl	14.07	172	967069	90.60	ng	-0.03
78) Terphenyl-d14	20.70	244	1658858	94.62	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.87	88	34603	40.764	ng	# 70
3) Pyridine	4.32	79	92197	40.633	ng	# 74
4) n-Nitrosodimethylamine	4.23	42	40274	43.986	ng	# 80
6) Aniline	8.09	93	63878	16.699	ng	92
8) 2-Chlorophenol	8.35	128	145988	54.959	ng	# 78
9) Benzaldehyde	7.90	77	32413m	18.105	ng	
10) Phenol	7.93	94	169034	56.313	ng	89
11) bis(2-Chloroethyl)ether	8.19	93	109822	44.054	ng	# 80
12) 1,3-Dichlorobenzene	8.69	146	152943	46.365	ng	# 93
13) 1,4-Dichlorobenzene	8.85	146	155140	46.040	ng	94
14) 1,2-Dichlorobenzene	9.17	146	148260	46.435	ng	94
15) Benzyl Alcohol	9.04	79	110750	49.621	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.33	45	108392	53.393	ng	77
17) 2-Methylphenol	9.24	107	118670	55.253	ng	95
18) Hexachloroethane	9.93	117	48151	47.181	ng	# 85
19) n-Nitroso-di-n-propylamine	9.62	70	85292	42.006	ng	# 85
20) 3+4-Methylphenols	9.57	107	162778	53.326	ng	92
22) Acetophenone	9.65	105	198718	46.410	ng	# 86
24) Nitrobenzene	10.05	77	124986	49.688	ng	# 81
25) Isophorone	10.57	82	248534	47.303	ng	# 82
26) 2-Nitrophenol	10.78	139	80465	61.010	ng	# 77
27) 2,4-Dimethylphenol	10.81	122	156916	56.540	ng	88
28) bis(2-Chloroethoxy)methane	11.05	93	160402	45.499	ng	# 93
29) 2,4-Dichlorophenol	11.32	162	181003	55.555	ng	87
30) 1,2,4-Trichlorobenzene	11.54	180	181855	45.714	ng	97
31) Naphthalene	11.74	128	433928	46.653	ng	98
32) Benzoic acid	10.91	122	77945m	42.135	ng	
33) 4-Chloroaniline	11.83	127	67505	16.302	ng	# 92
34) Hexachlorobutadiene	12.01	225	116450	42.639	ng	99
35) Caprolactam	12.60	113	57402	58.124	ng	# 43
36) 4-Chloro-3-methylphenol	12.91	107	162103	53.872	ng	# 81
37) 2-Methylnaphthalene	13.30	142	363679	48.233	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	251633	44.594	ng	# 98
40) Hexachlorocyclopentadiene	13.63	237	323898	108.807	ng	92

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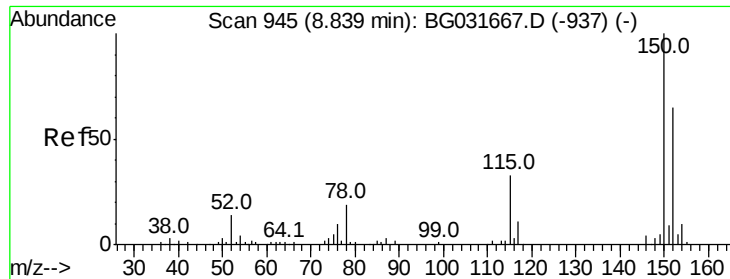
Manual Integrations
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 12/27/2017 1:56:52 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	168108	51.671	nq	98
43) 2,4,5-Trichlorophenol	13.95	196	183003	50.757	nq #	90
45) 1,1'-Biphenyl	14.28	154	528649	46.202	nq	95
46) 2-Chloronaphthalene	14.33	162	402975	46.173	nq	95
47) 2-Nitroaniline	14.52	65	85017	56.403	nq #	56
48) Acenaphthylene	15.17	152	618495	44.297	nq	99
49) Dimethylphthalate	14.87	163	547910	46.425	nq	99
50) 2,6-Dinitrotoluene	14.99	165	122098	56.238	nq #	63
51) Acenaphthene	15.50	154	406309	44.433	nq	98
52) 3-Nitroaniline	15.32	138	55532	26.217	nq #	67
53) 2,4-Dinitrophenol	15.52	184	27956	35.051	nq #	1
54) Dibenzofuran	15.83	168	658664	46.989	nq	99
55) 4-Nitrophenol	15.60	139	181945	105.535	nq #	70
56) 2,4-Dinitrotoluene	15.77	165	168292	60.282	nq #	62
57) Fluorene	16.47	166	530605	46.596	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	196854	55.962	nq #	84
59) Diethylphthalate	16.21	149	531459	46.202	nq	97
60) 4-Chlorophenyl-phenylether	16.45	204	316877	45.480	nq	91
61) 4-Nitroaniline	16.48	138	100221	48.485	nq	79
62) Azobenzene	16.74	77	337458	45.744	nq	84
64) 4,6-Dinitro-2-methylphenol	16.52	198	41901	28.775	nq #	67
65) n-Nitrosodiphenylamine	16.66	169	500806	43.334	nq	96
66) 4-Bromophenyl-phenylether	17.35	248	237545	47.209	nq #	92
67) Hexachlorobenzene	17.47	284	245613	47.749	nq #	90
68) Atrazine	17.59	200	219931	48.942	nq	98
69) Pentachlorophenol	17.81	266	291242	82.318	nq	98
70) Phenanthrene	18.21	178	906437	46.030	nq	99
71) Anthracene	18.30	178	926274	46.630	nq	99
72) Carbazole	18.56	167	816164	46.421	nq	100
73) Di-n-butylphthalate	19.07	149	895630	45.838	nq	99
74) Fluoranthene	20.17	202	1136946	47.054	nq	96
76) Benzidine	20.33	184	281111	22.739	nq	98
77) Pyrene	20.53	202	1157262	45.233	nq	98
79) Butylbenzylphthalate	21.40	149	406154	47.290	nq #	76
80) Benzo(a)anthracene	22.49	228	1179855	46.309	nq	99
81) 3,3'-Dichlorobenzidine	22.38	252	216654	21.933	nq #	98
82) Chrysene	22.57	228	1110873	46.082	nq	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	576683	46.346	nq #	97
84) Di-n-octyl phthalate	23.75	149	1008370	48.119	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1551268	50.160	nq #	88
87) Benzo(b)fluoranthene	25.07	252	1304809	47.455	nq #	97
88) Benzo(k)fluoranthene	25.14	252	1237322	44.965	nq #	97
89) Benzo(a)pyrene	26.10	252	1260624	47.871	nq #	96
90) Dibenzo(a,h)anthracene	30.72	278	1289141	47.400	nq #	95
91) Benzo(g,h,i)perylene	30.63	276	1551268	48.311	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.80 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

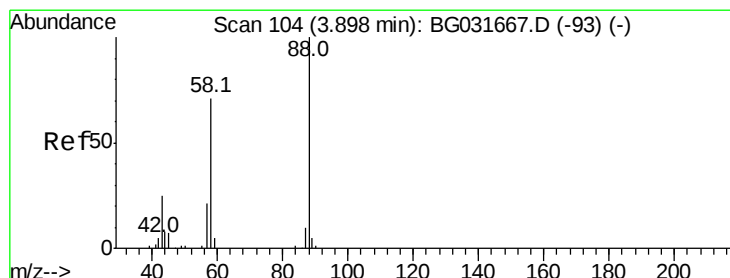
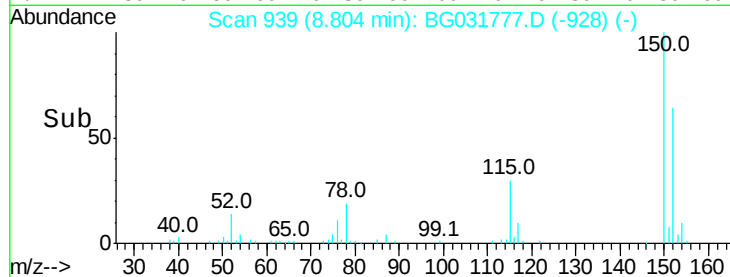
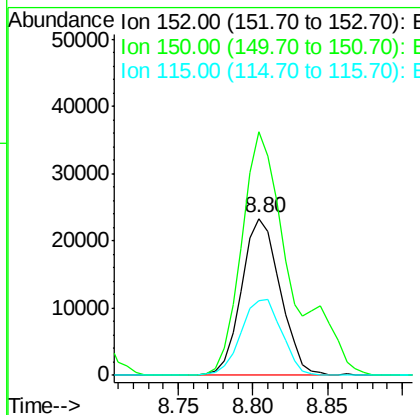
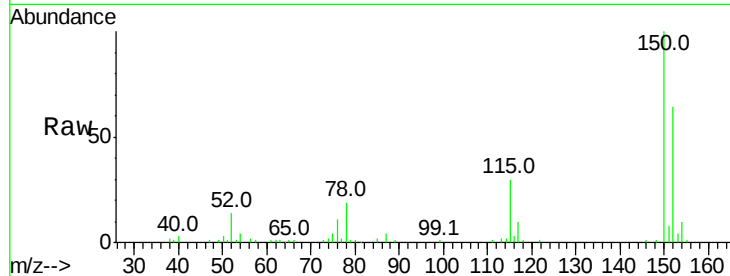
ClientSampleId :

PB105316BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	47.3	53.0	79.4

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#2

1,4-Dioxane

Concen: 40.764 ng

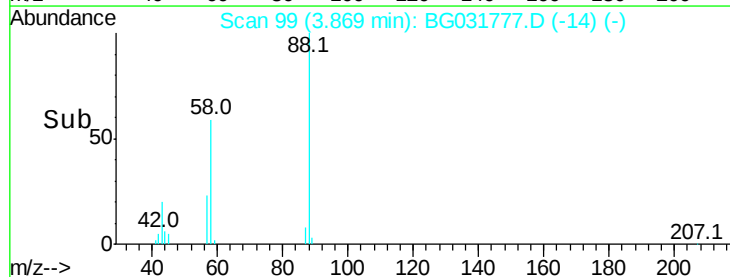
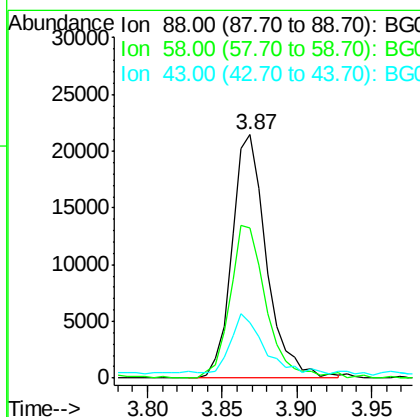
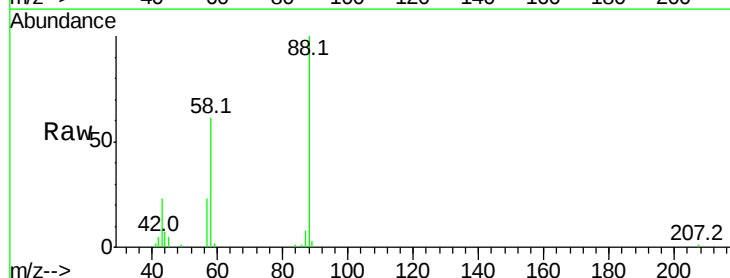
RT: 3.87 min Scan# 99

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	79.6	119.4
43	23.2	27.4	41.0





#3

Pvridine

Concen: 40.633 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

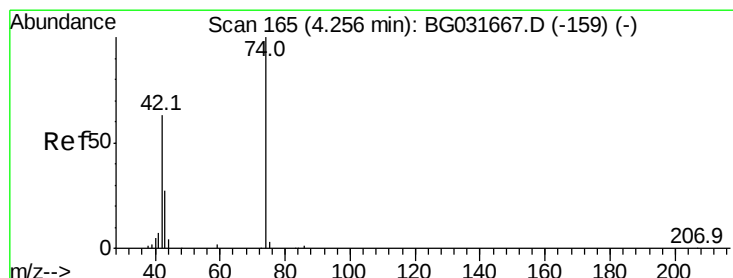
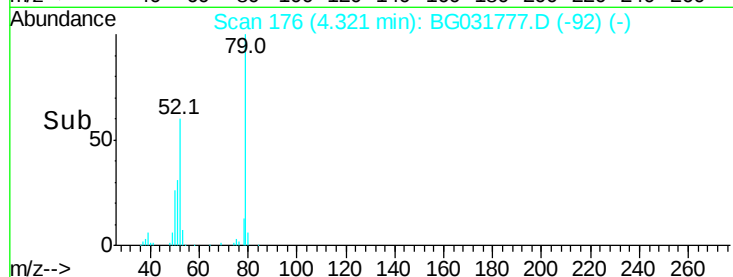
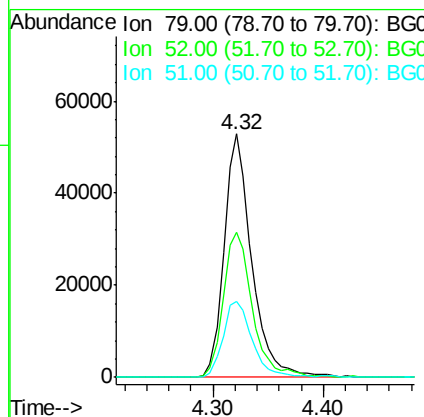
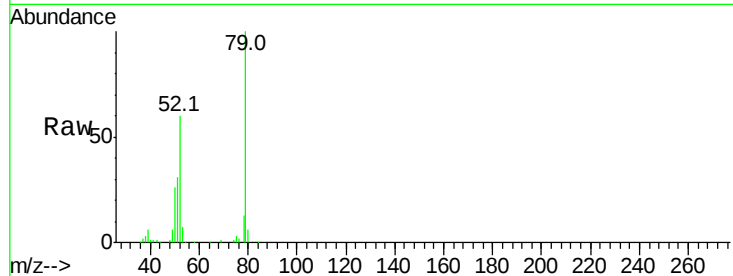
ClientSampleId :

PB105316BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	59.5	69.9	104.9#		
51	31.3	34.0	51.0#		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.986 ng

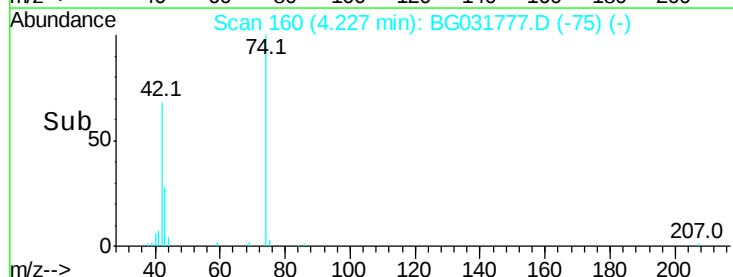
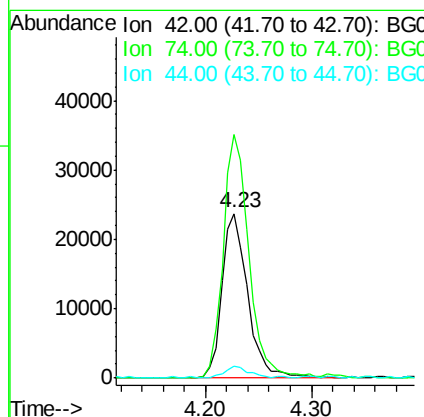
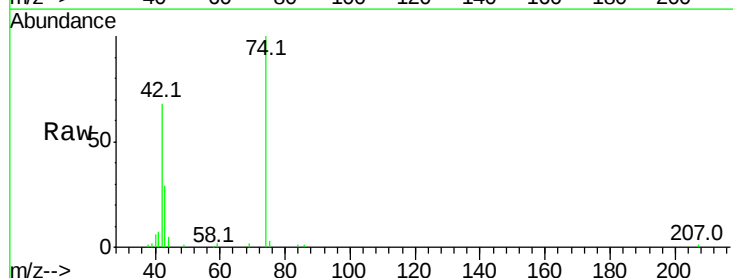
RT: 4.23 min Scan# 160

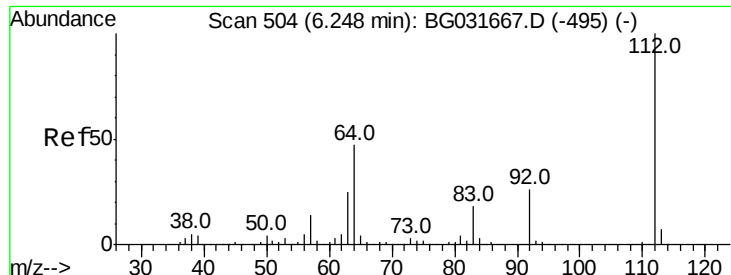
Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	147.8	102.5	153.7		
44	7.0	18.9	28.3#		





#5

2-Fluorophenol

Concen: 111.256 ng

RT: 6.22 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

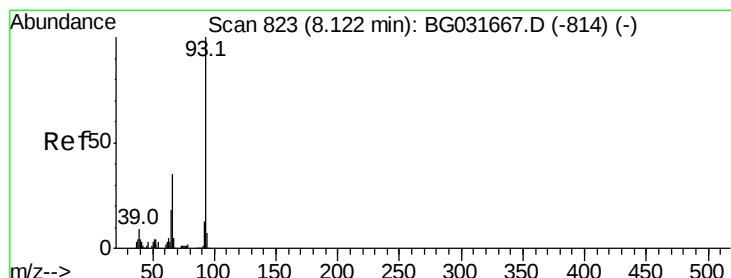
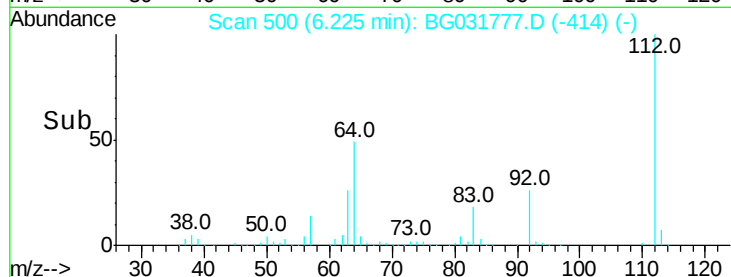
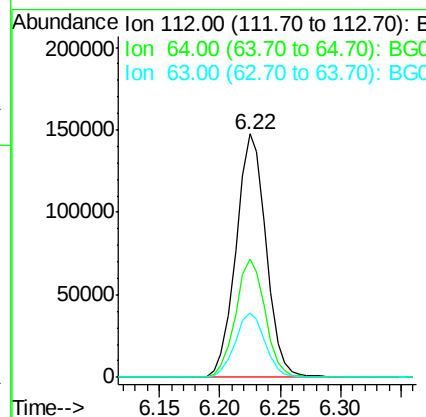
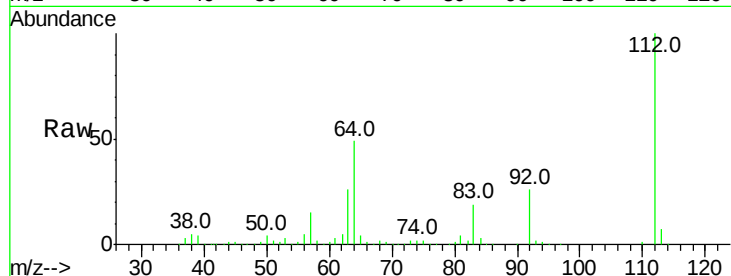
ClientSampleId :

PB105316BSD

Tot Ion:	112	Resp:	254771
Ion Ratio	Lower	Upper	
112	100		
64	48.7	56.3	84.5#
63	26.3	30.1	45.1#

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#6

Aniline

Concen: 16.699 ng

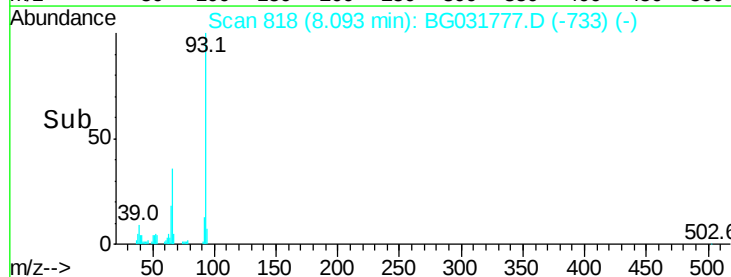
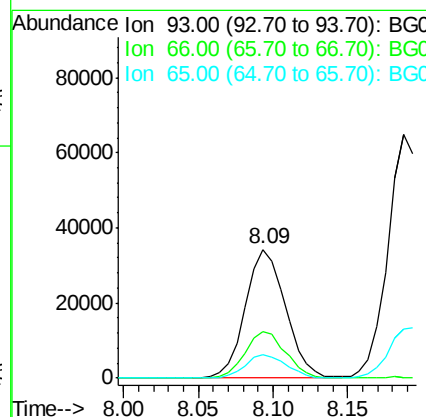
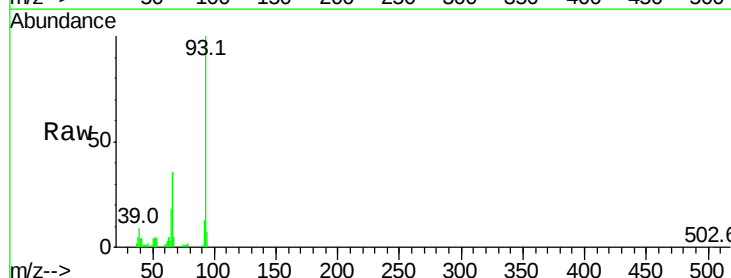
RT: 8.09 min Scan# 818

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion:	93	Resp:	63878
Ion Ratio	Lower	Upper	
93	100		
66	36.0	33.7	50.5
65	18.2	16.1	24.1





#7

Phenol-d6

Concen: 111.106 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

ClientSampleId :

PB105316BSD

Tot Ion: 99 Resp: 330333

Ion Ratio Lower Upper

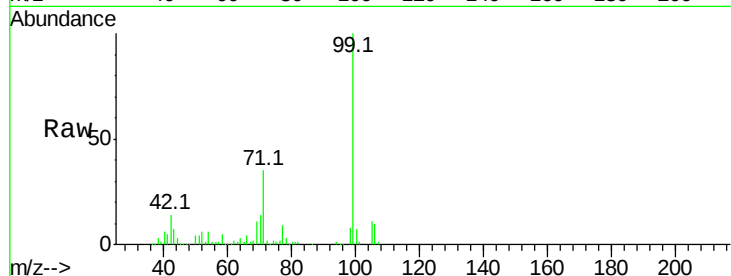
99 100

42 13.8 14.1 21.1#

71 34.9 26.1 39.1

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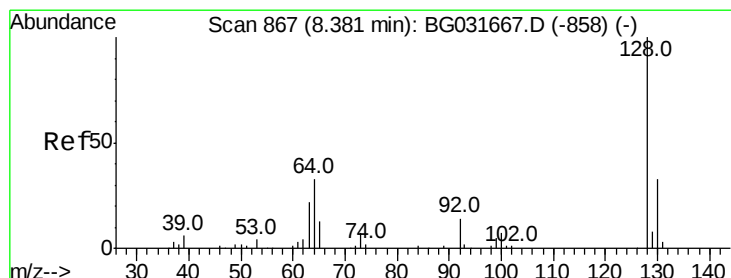
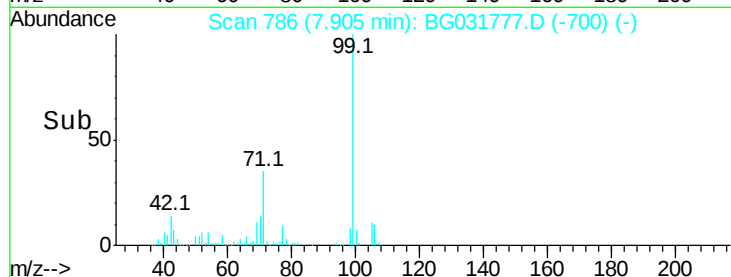
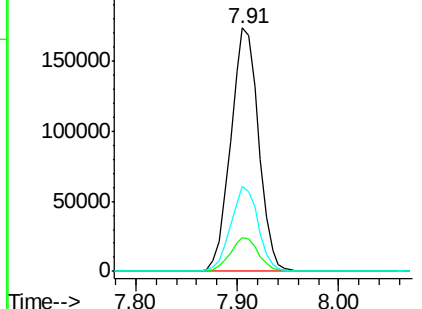
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 54.959 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

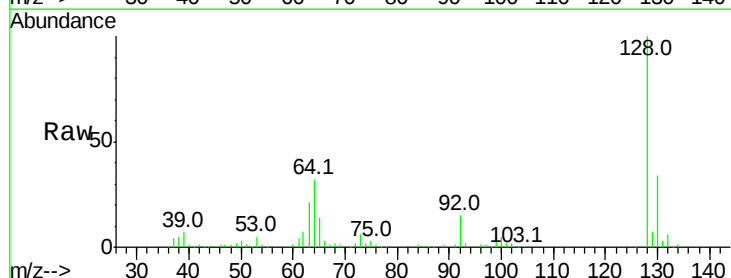
Tgt Ion: 128 Resp: 145988

Ion Ratio Lower Upper

128 100

130 34.0 14.0 54.0

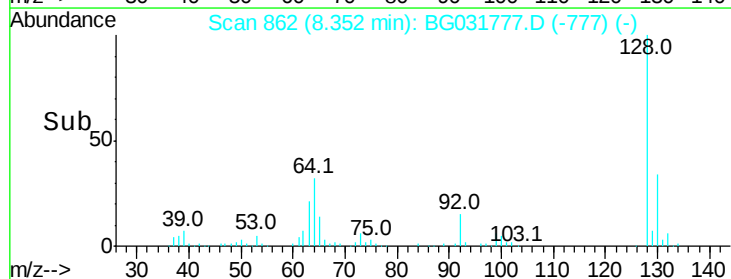
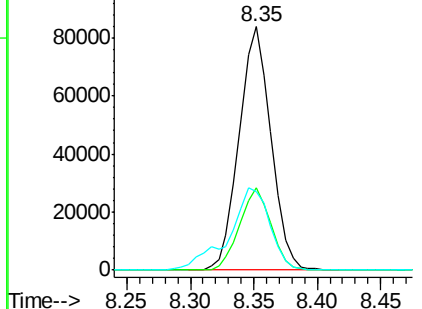
64 32.0 37.7 77.7#

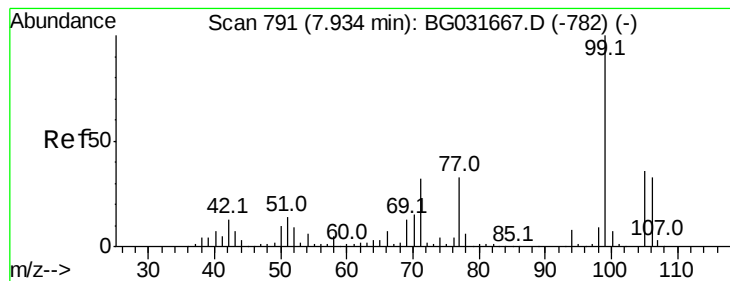


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.105 ng/mL

RT: 7.90 min Scan# 785

Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

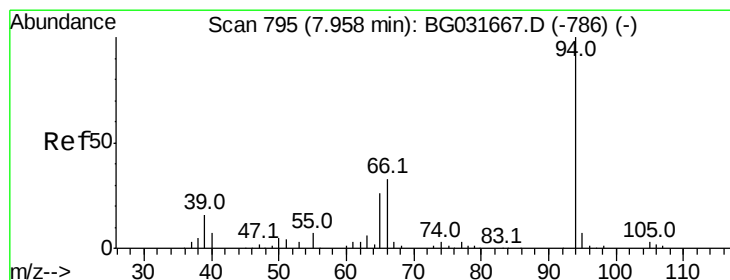
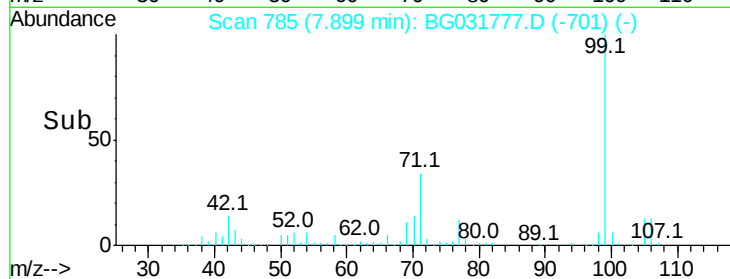
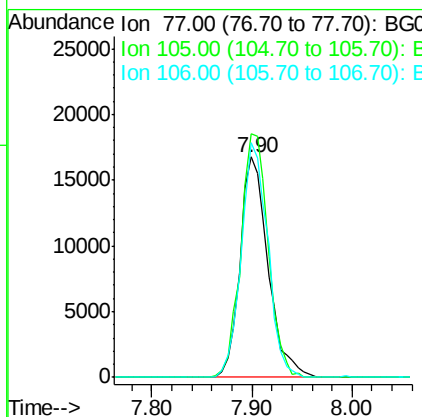
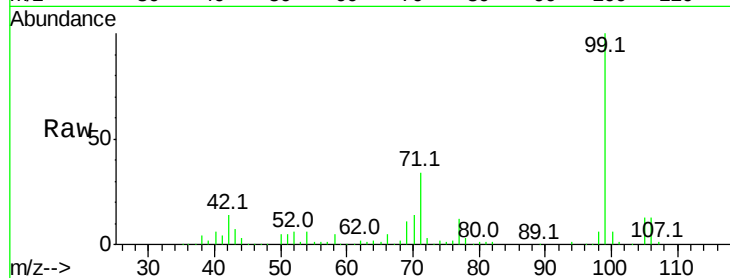
ClientSampleID :

PB105316BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	110.4	71.3	111.3
106	106.6	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 56.313 ng/mL

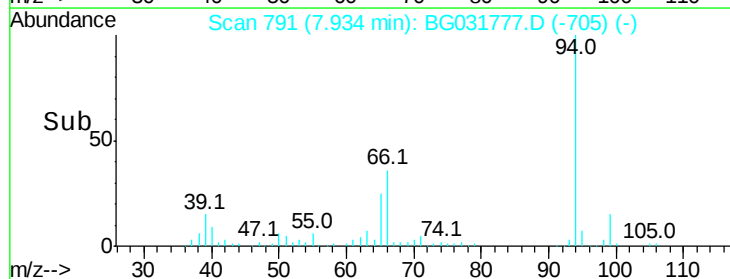
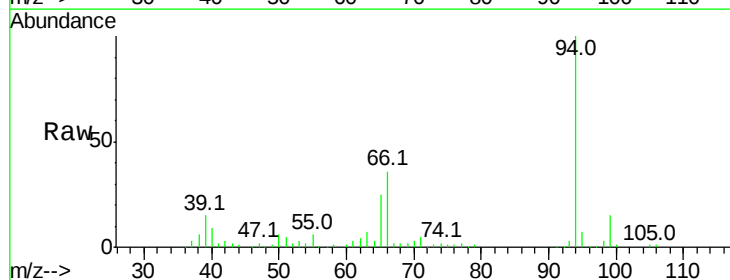
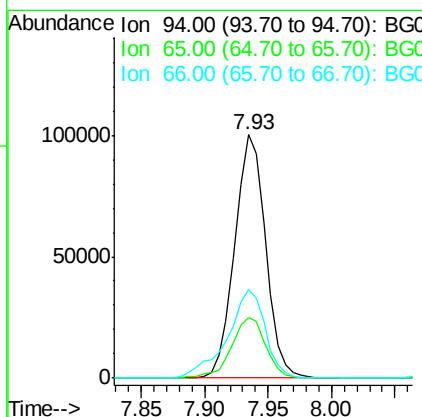
RT: 7.93 min Scan# 791

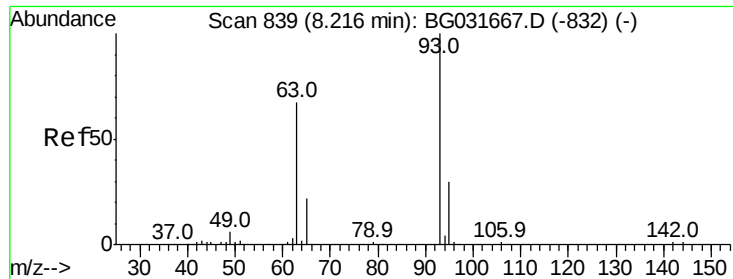
Delta R.T. -0.02 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	24.7	11.9	51.9
66	36.2	22.2	62.2





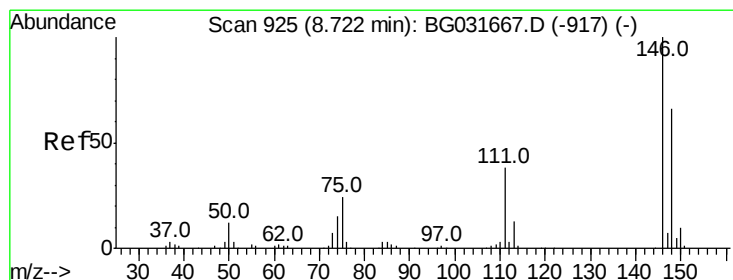
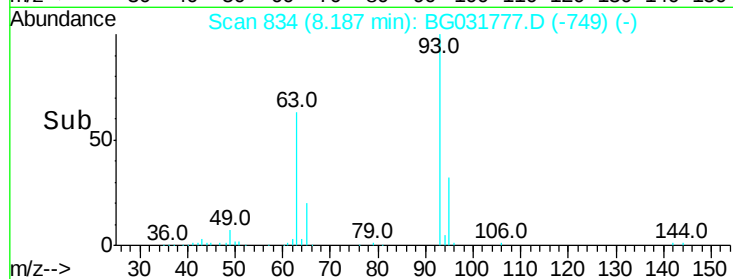
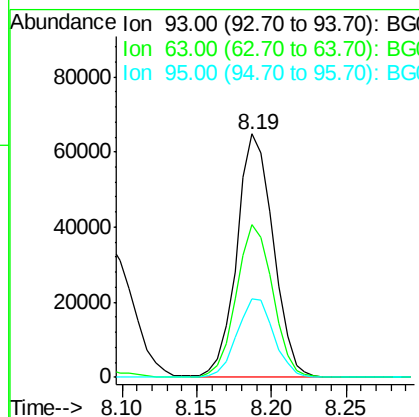
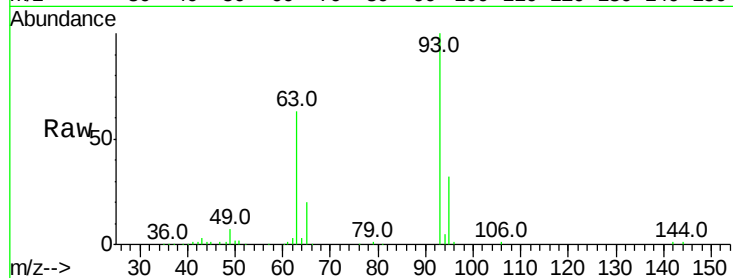
#11
bis(2-Chloroethyl)ether
Concen: 44.054 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	62.9	67.1	107.1#
95	32.4	11.5	51.5

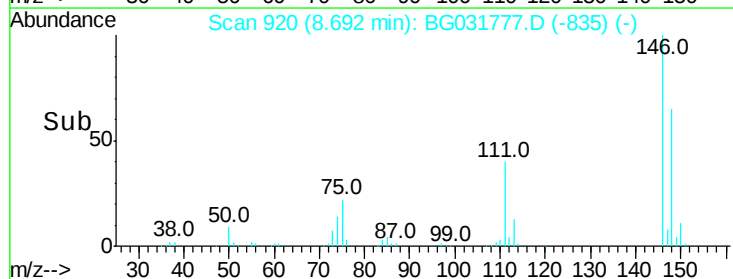
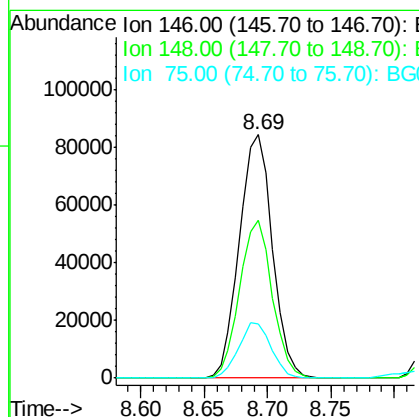
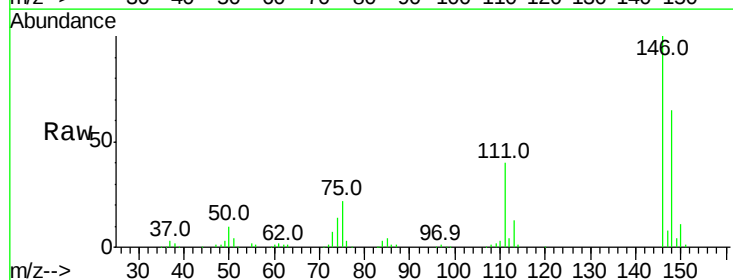
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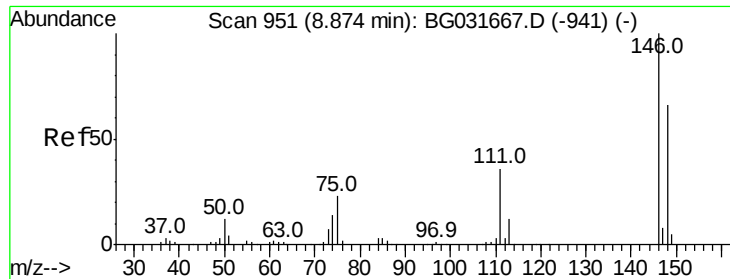
Sohil
12/27/2017 1:56:52 PM



#12
1,3-Dichlorobenzene
Concen: 46.365 ng
RT: 8.69 min Scan# 920
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	22.1	26.6	39.8#





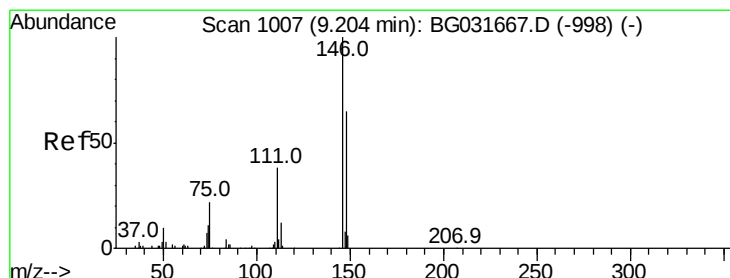
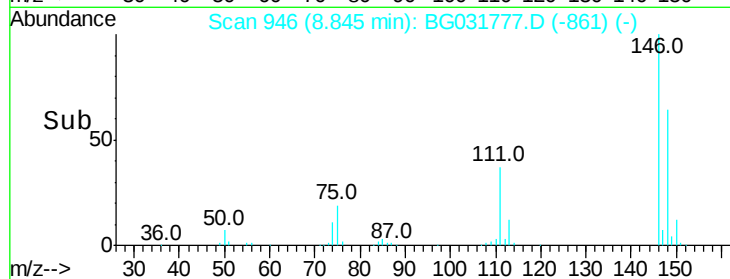
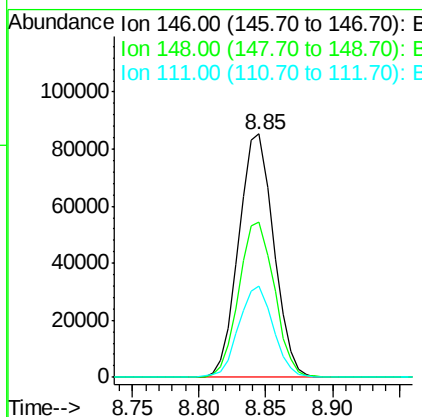
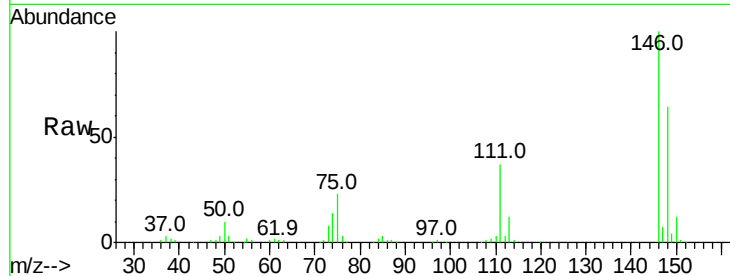
#13
 1,4-Dichlorobenzene
 Concen: 46.040 ng
 RT: 8.85 min Scan# 946
 Delta R.T. -0.03 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.7	80.5
111	37.3	35.2	52.8

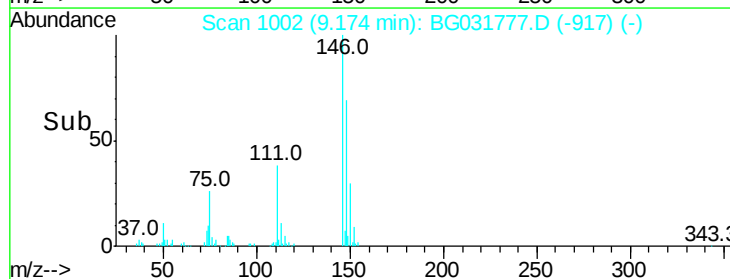
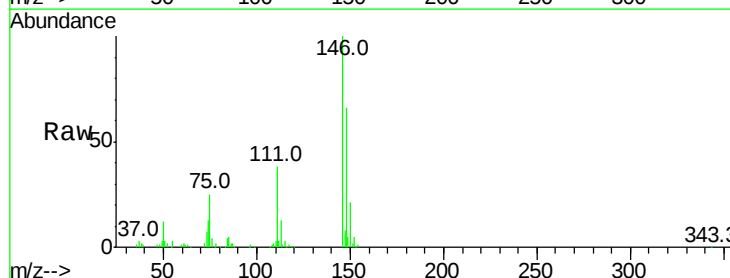
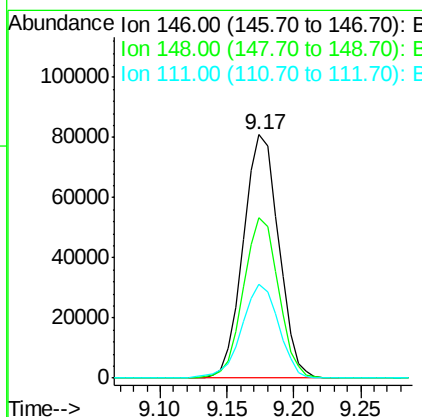
Manual Integrations
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 12/27/2017 1:56:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.435 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	49.3	73.9
111	38.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 49.621 ng

RT: 9.04 min Scan# 979

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

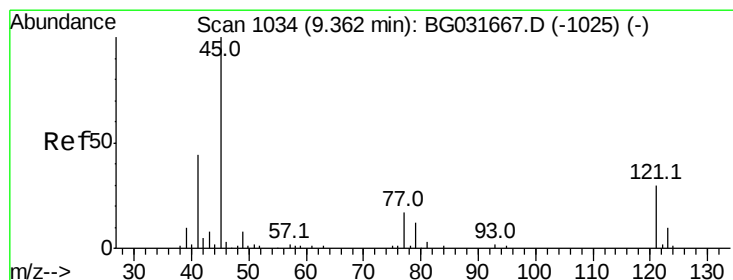
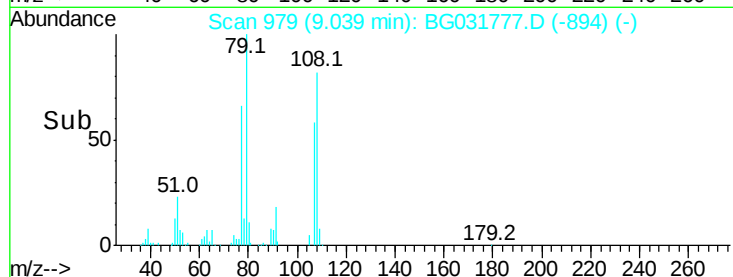
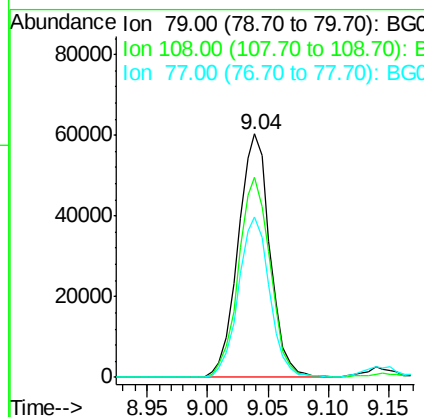
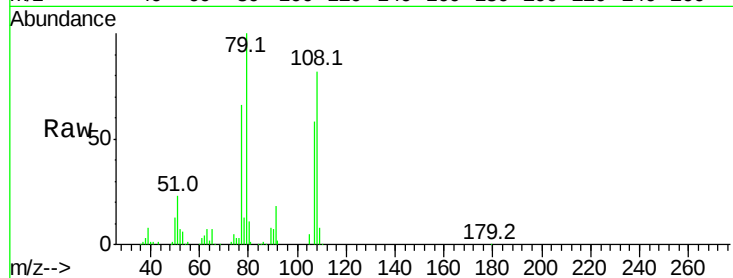
ClientSampleId :

PB105316BSD

Tot Ion:	79	Resp:	110750
Ion Ratio	Lower	Upper	
79	100		
108	82.3	57.2	85.8
77	65.6	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 53.393 ng

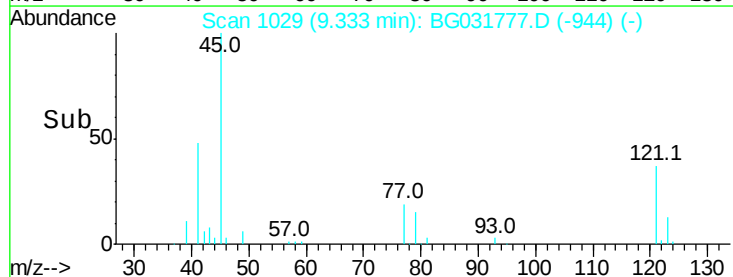
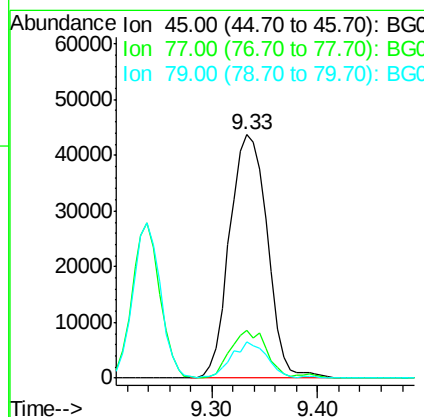
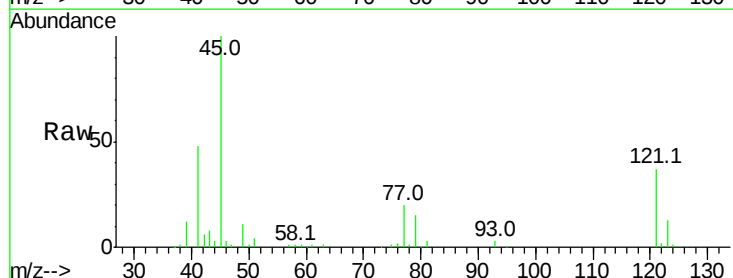
RT: 9.33 min Scan# 1029

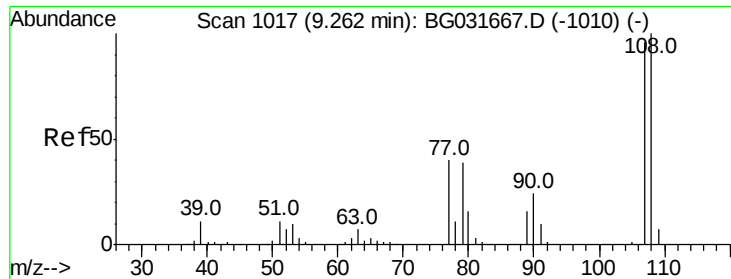
Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion:	45	Resp:	108392
Ion Ratio	Lower	Upper	
45	100		
77	19.7	0.0	30.2
79	15.0	0.0	27.9





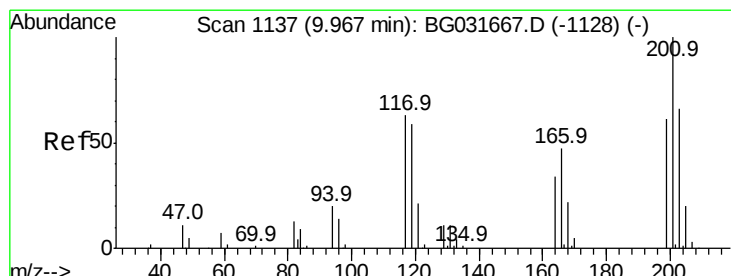
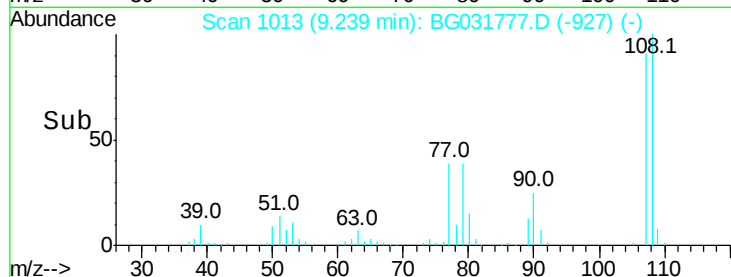
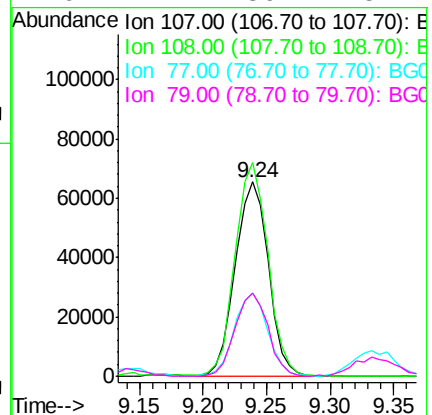
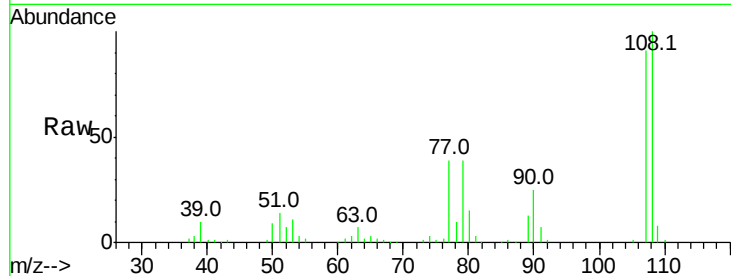
#17
2-Methylphenol
Concen: 55.253 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	83.9	125.9	
77	42.6	37.2	55.8	
79	42.7	36.2	54.2	

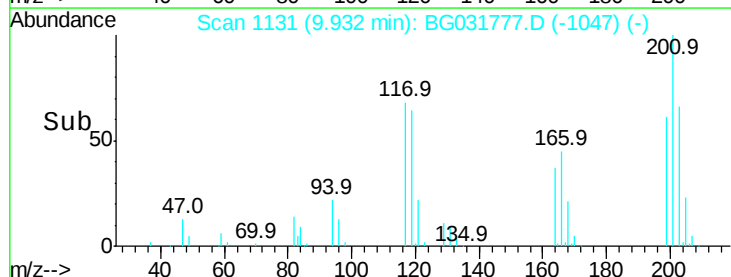
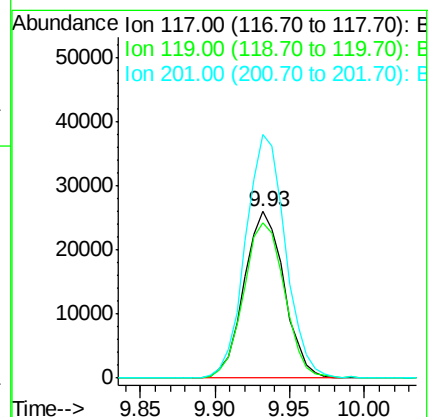
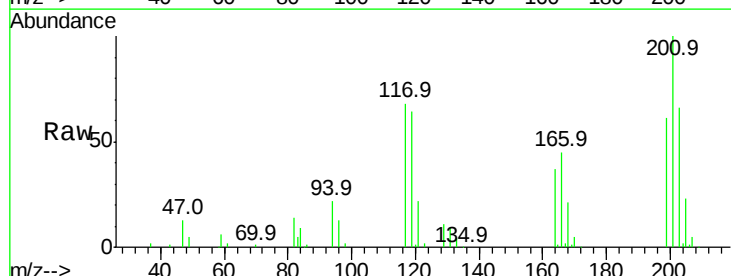
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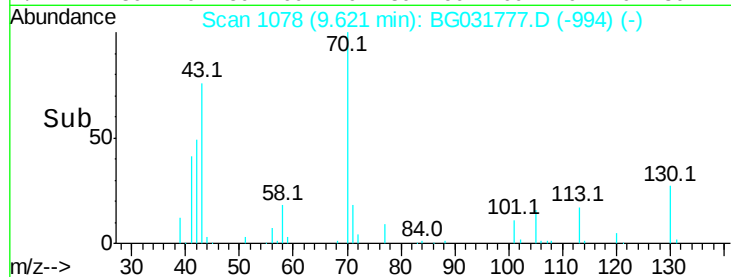
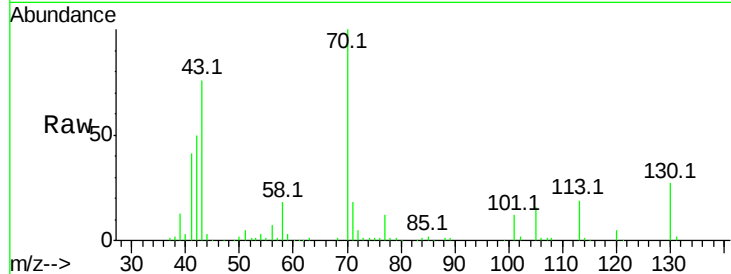
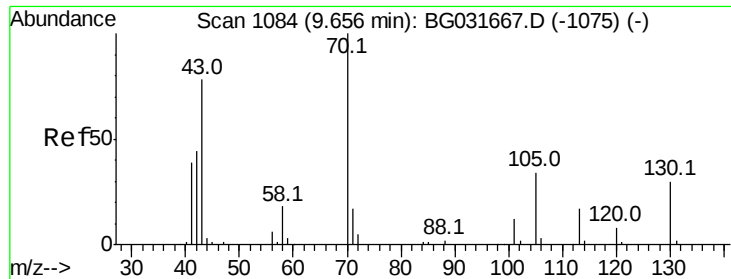
Sohil
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#18
Hexachloroethane
Concen: 47.181 ng
RT: 9.93 min Scan# 1131
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	76.7	115.1	
201	146.3	95.7	143.5#	





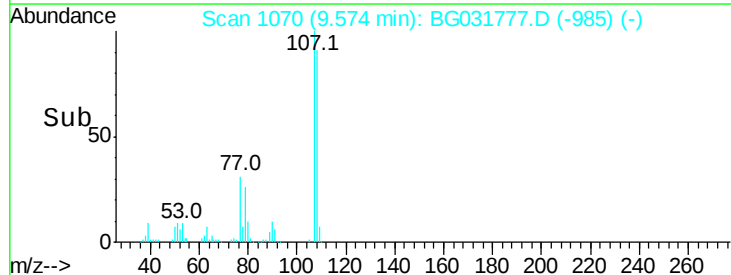
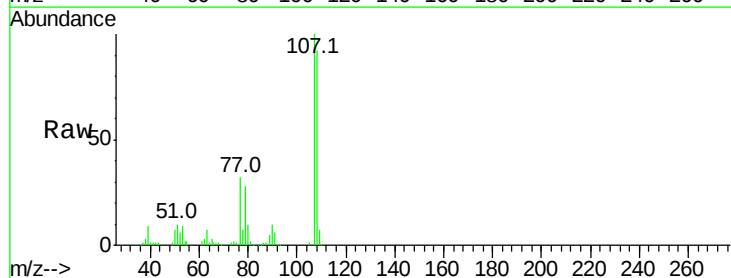
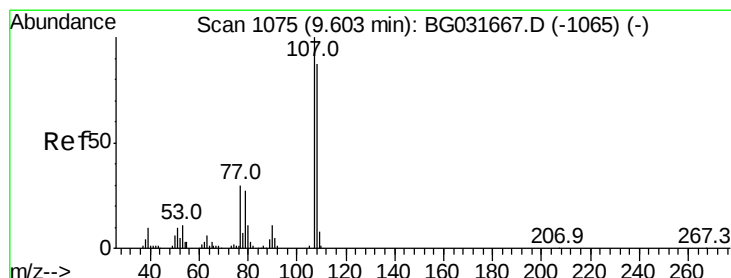
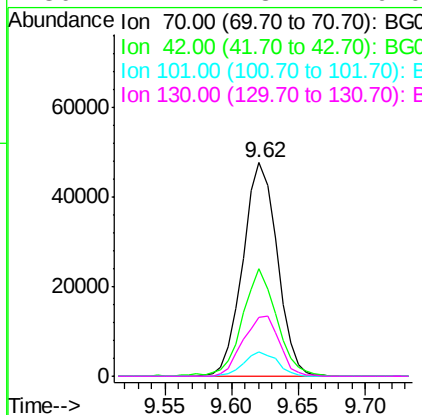
#19
n-Nitroso-di-n-propylamine
Concen: 42.006 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.4	49.1	73.7	
101	11.5	8.5	12.7	
130	27.4	13.4	20.0	

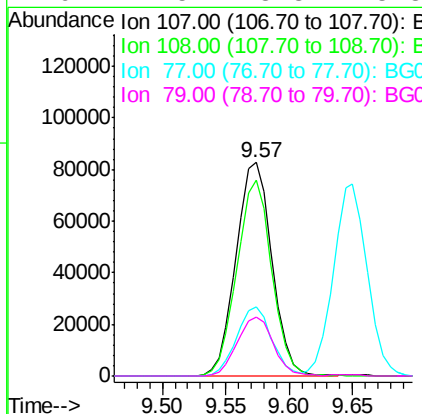
Manual Integrations
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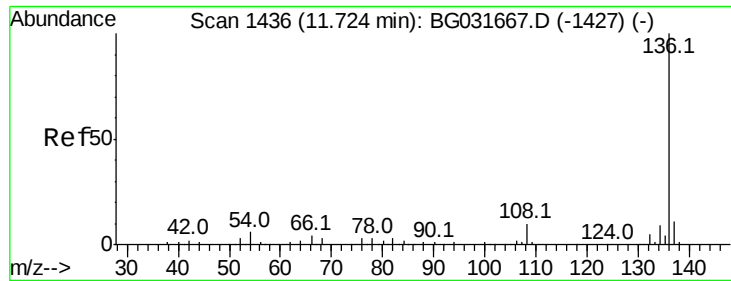
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#20
3+4-Methylphenols
Concen: 53.326 ng
RT: 9.57 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	61.6	101.6	
77	32.1	13.9	53.9	
79	27.5	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

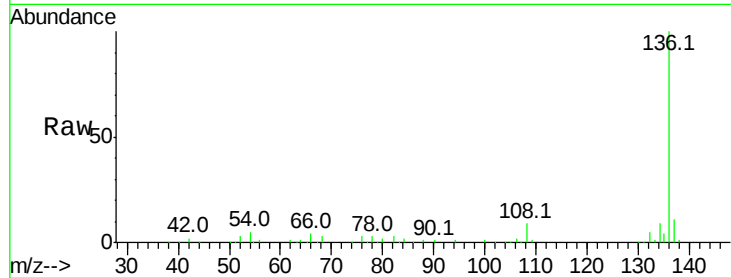
ClientSampleId :

PB105316BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.1	10.3	15.5#
68	3.4	4.5	6.7#

Manual Integrations
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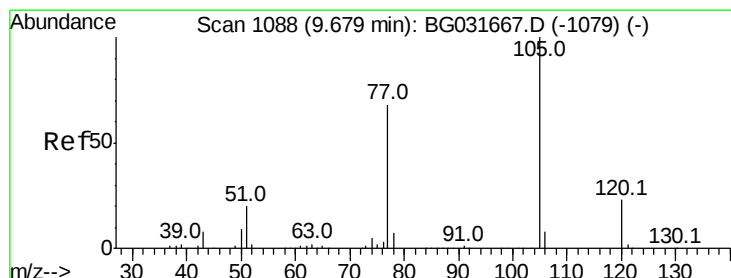
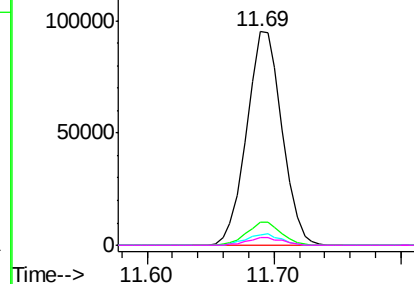
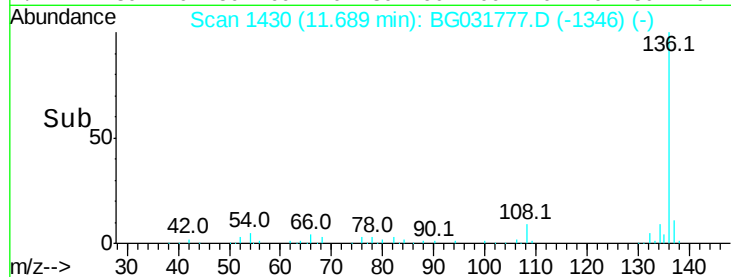
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.410 ng

RT: 9.65 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	20.9	26.1	39.1#
120	24.0	17.4	26.2

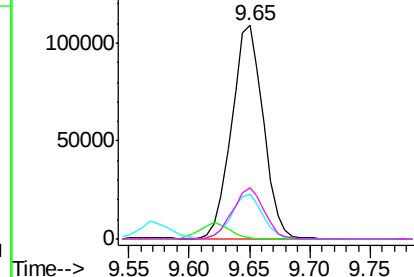
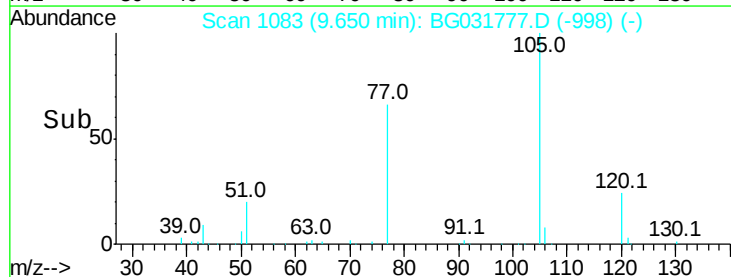
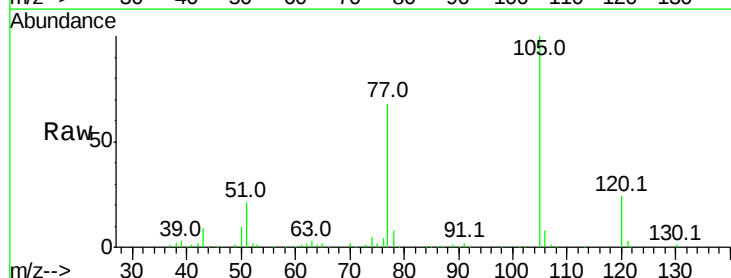
Abundance

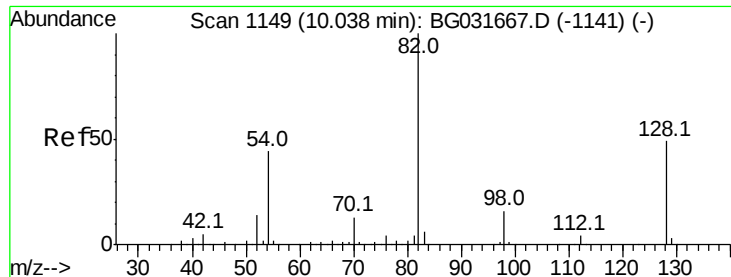
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





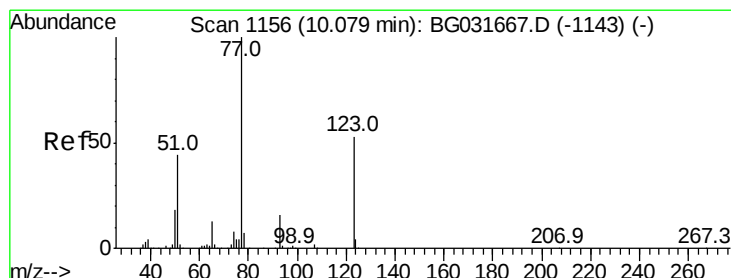
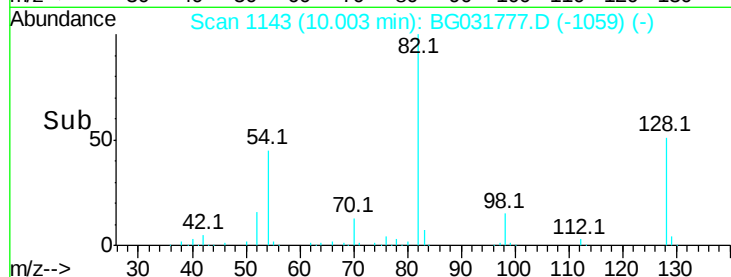
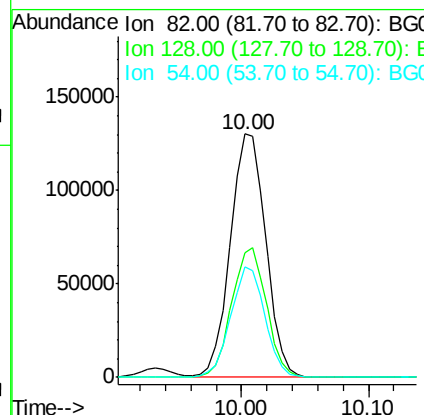
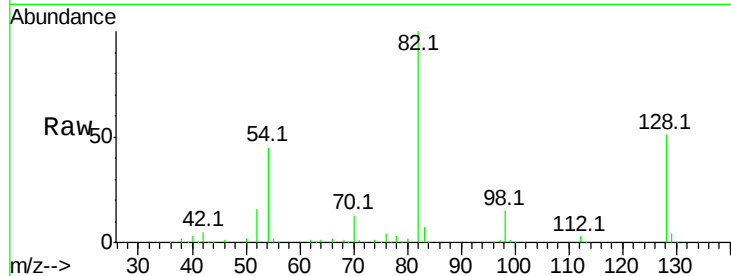
#23
 Nitrobenzene-d5
 Concen: 103.213 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.04 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	82	Resp	251906
Ion Ratio	100	Lower	Upper
128	51.0	29.7	44.5#
54	45.2	43.1	64.7

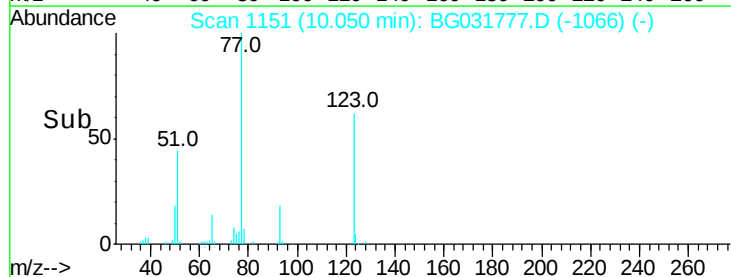
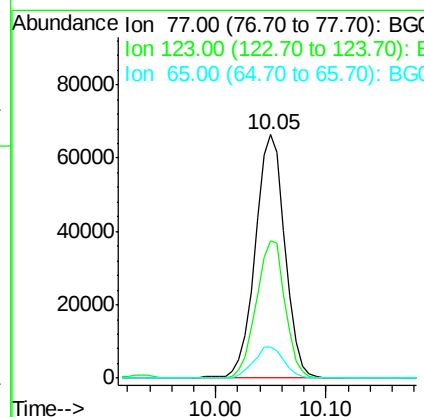
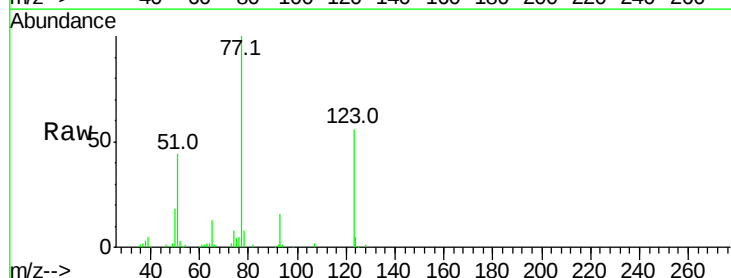
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#24
 Nitrobenzene
 Concen: 49.688 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	77	Resp	124986
Ion Ratio	100	Lower	Upper
123	56.4	33.0	49.6#
65	13.0	13.0	19.6





#25

Isophorone

Concen: 47.303 ng

RT: 10.57 min Scan# 1240

Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

ClientSampleId :

PB105316BSD

Tot Ion: 82 Resp: 248534

Ion Ratio Lower Upper

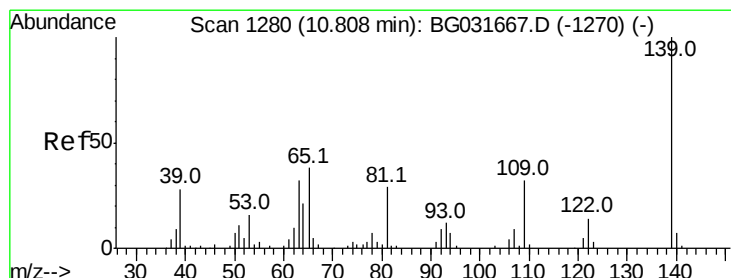
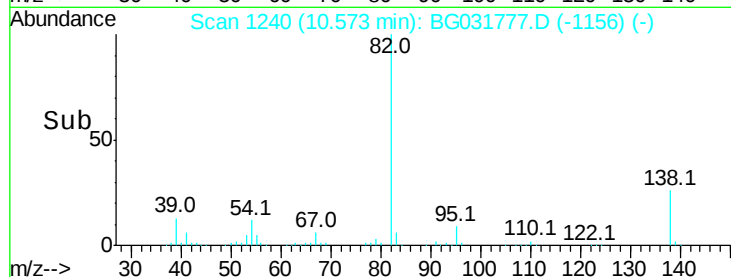
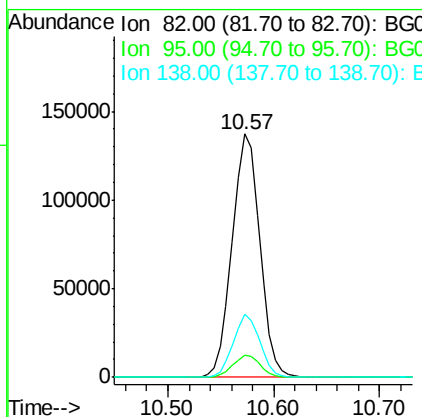
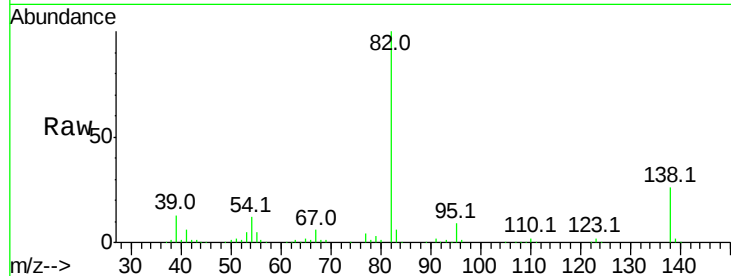
82 100

95 9.1 6.2 9.2

138 25.7 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.010 ng

RT: 10.78 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

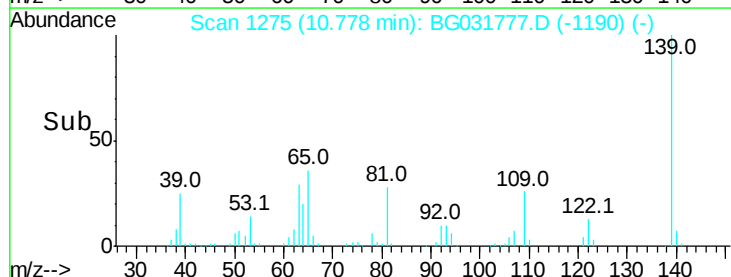
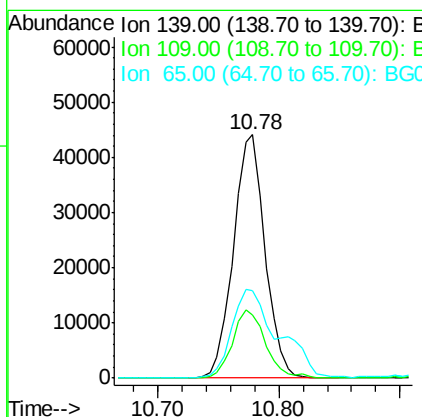
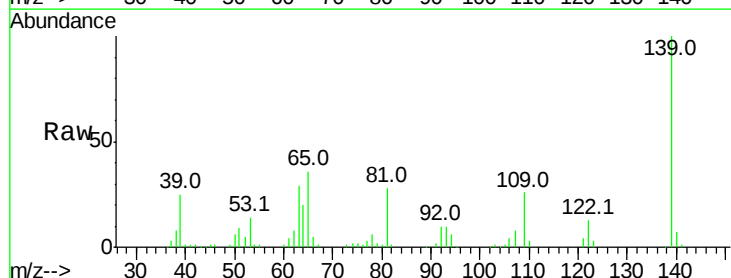
Tgt Ion: 139 Resp: 80465

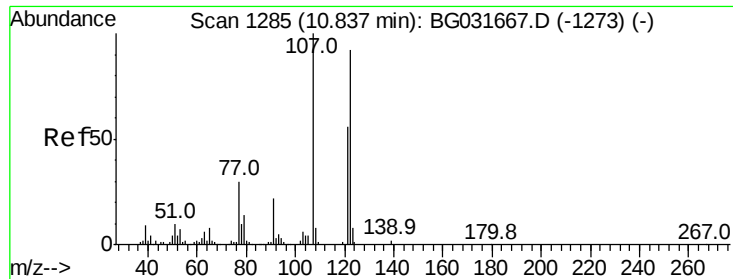
Ion Ratio Lower Upper

139 100

109 26.1 24.2 36.2

65 36.1 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 56.540 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

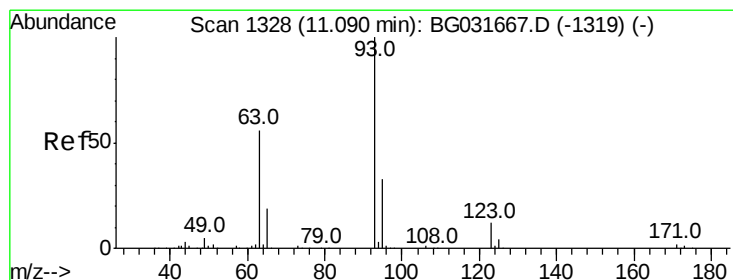
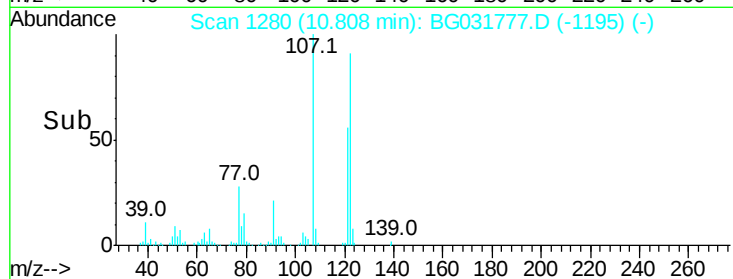
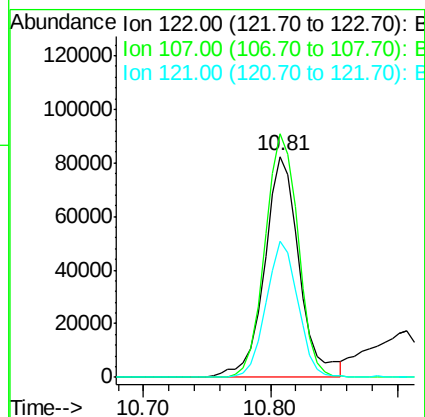
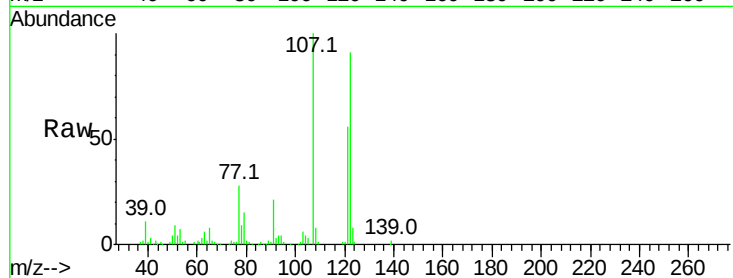
ClientSampleId :

PB105316BSD

Tot Ion:	122	Resp:	156916
Ion Ratio	Lower	Upper	
122	100		
107	110.3	100.2	150.2
121	61.7	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 45.499 ng

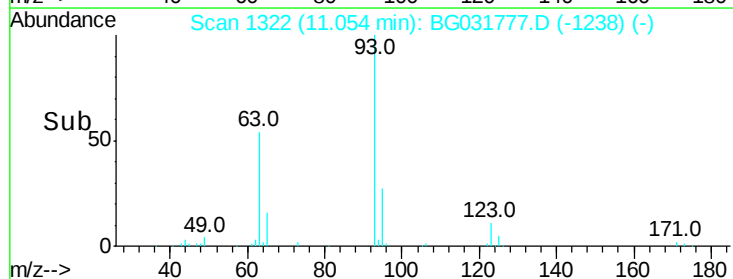
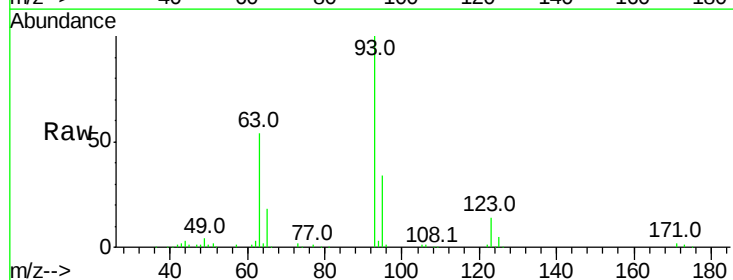
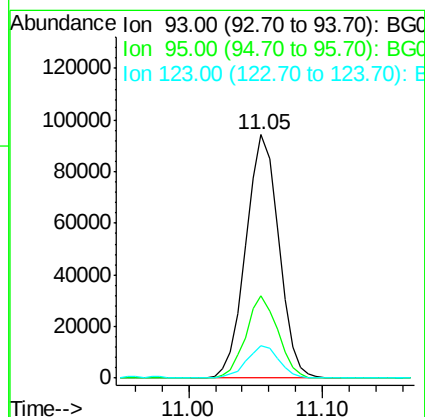
RT: 11.05 min Scan# 1322

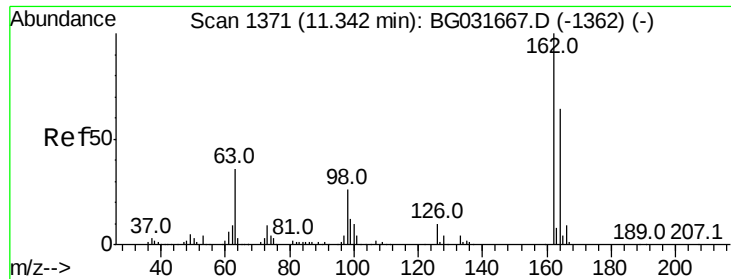
Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion:	93	Resp:	160402
Ion Ratio	Lower	Upper	
93	100		
95	33.7	24.3	36.5
123	13.6	8.4	12.6#





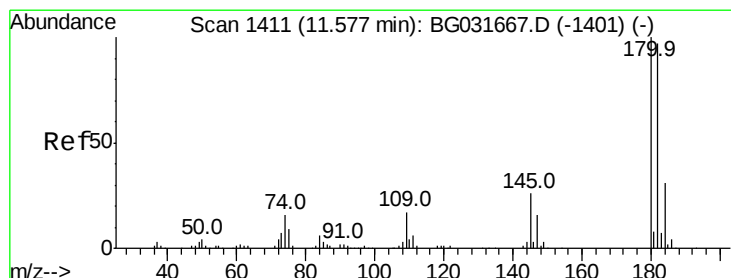
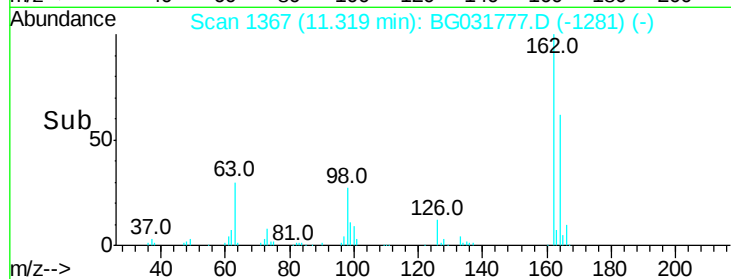
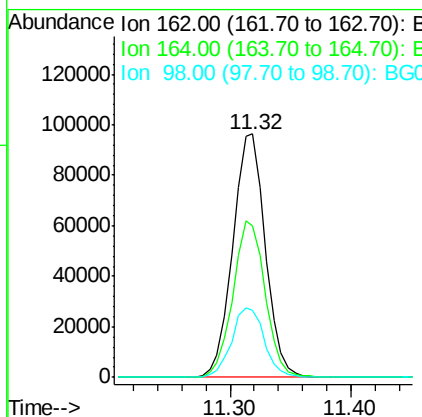
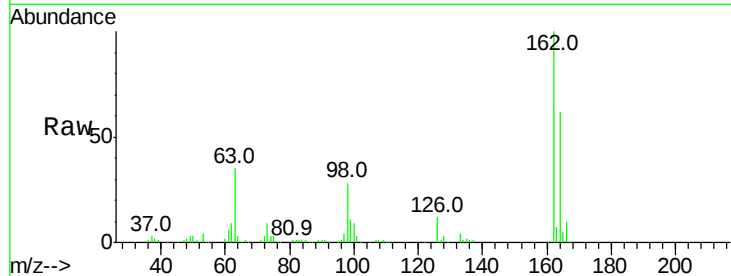
#29
2,4-Dichlorophenol
Concen: 55.555 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.1	48.0	88.0
98	27.5	21.1	61.1

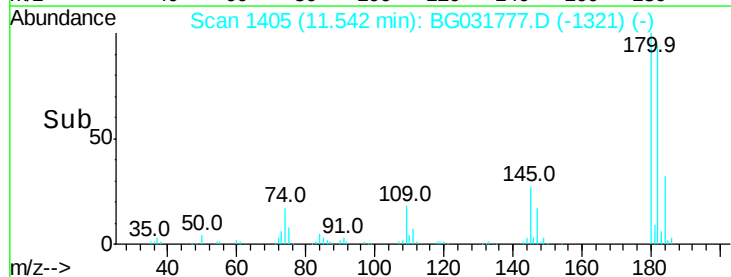
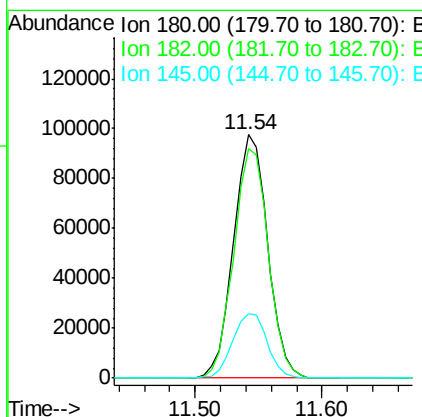
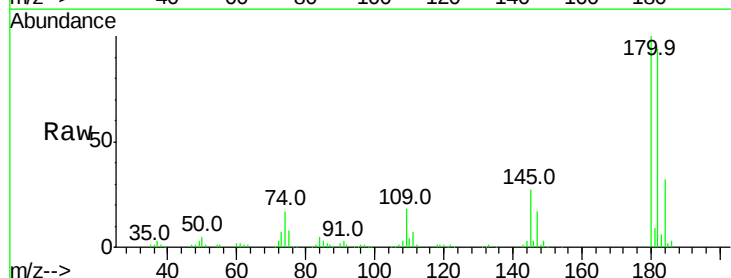
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#30
1,2,4-Trichlorobenzene
Concen: 45.714 ng
RT: 11.54 min Scan# 1405
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	77.5	116.3
145	26.6	23.4	35.2





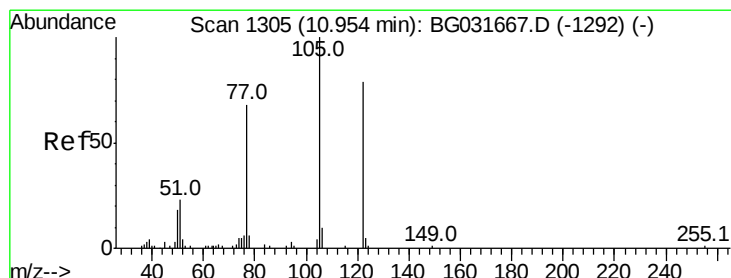
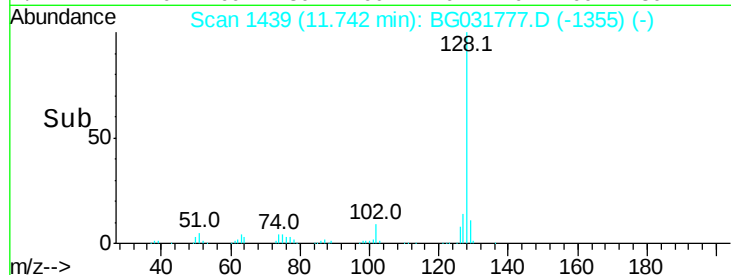
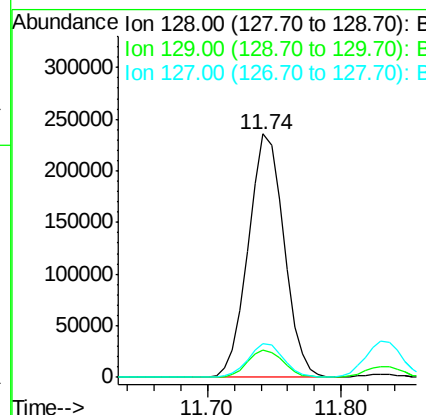
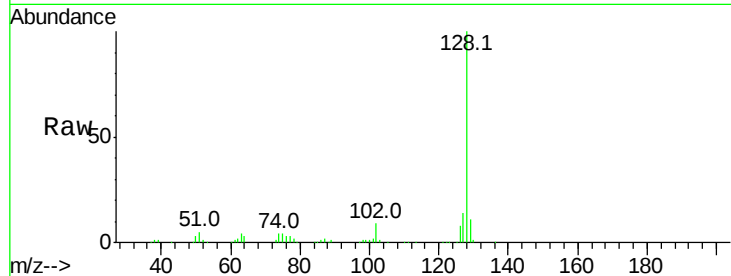
#31
Naphthalene
Concen: 46.653 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.6	11.6	17.4

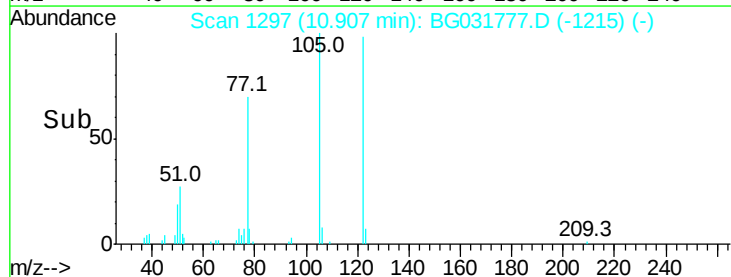
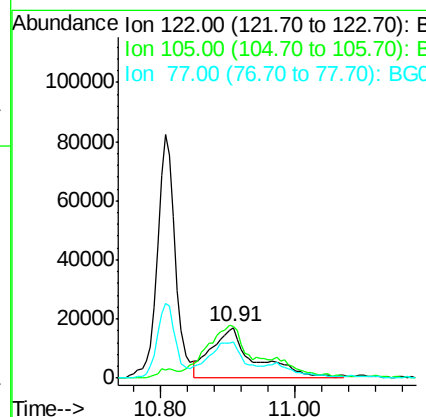
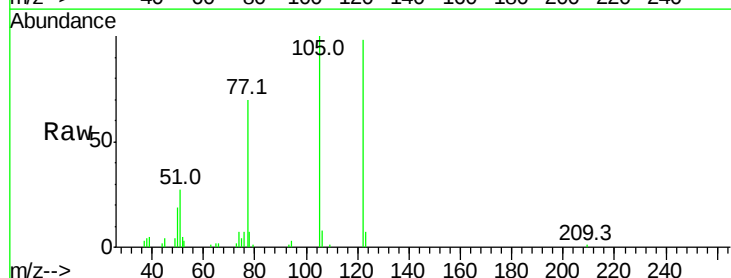
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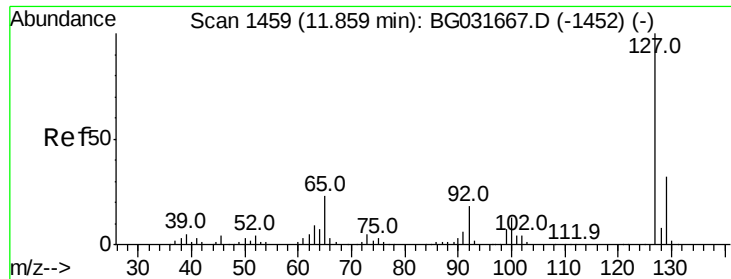
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#32
Benzoic acid
Concen: 42.135 ng m
RT: 10.91 min Scan# 1297
Delta R.T. -0.05 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	102.0	123.5	163.5#
77	71.7	85.7	125.7#





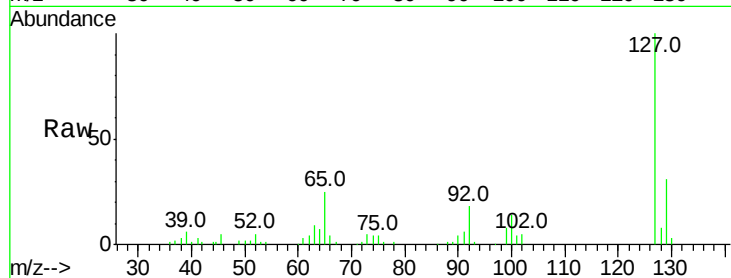
#33
4-Chloroaniline
Concen: 16.302 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

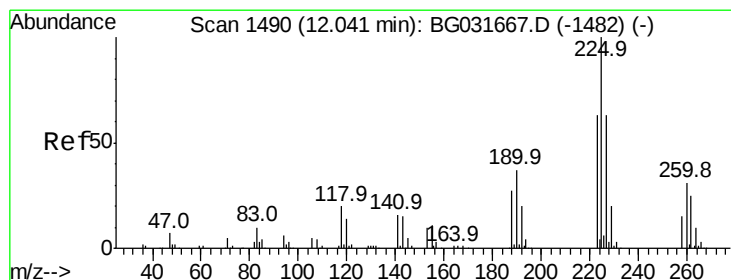
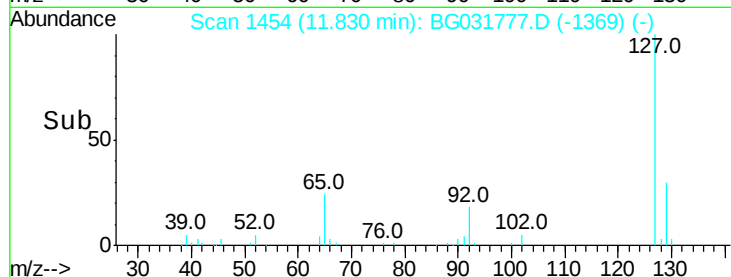
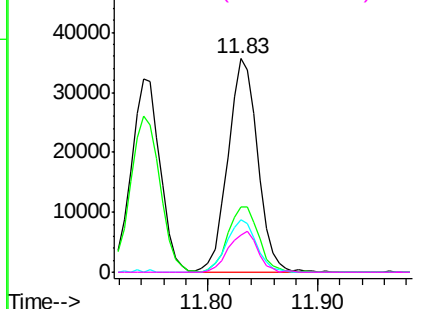
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	24.0	36.0
65	24.6	27.0	40.4
92	17.6	16.6	25.0

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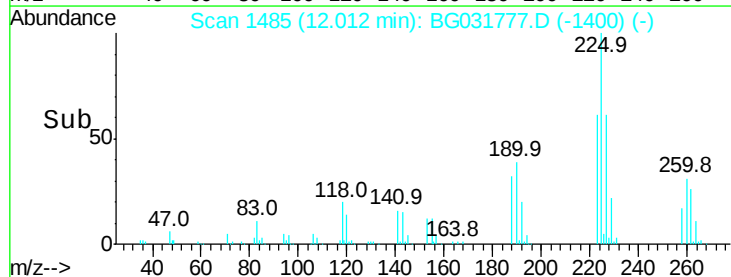
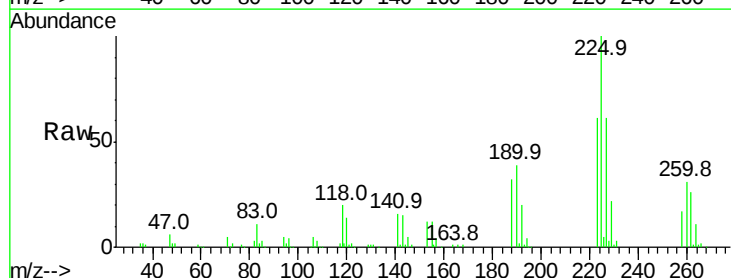
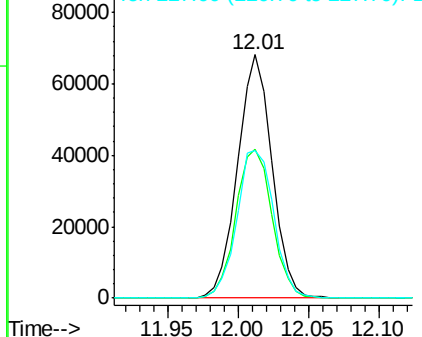
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

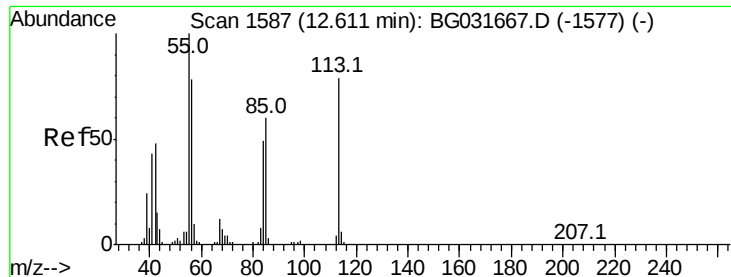


#34
Hexachlorobutadiene
Concen: 42.639 ng
RT: 12.01 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	60.9	48.1	72.1

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





#35

Caprolactam

Concen: 58.124 ng

RT: 12.60 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

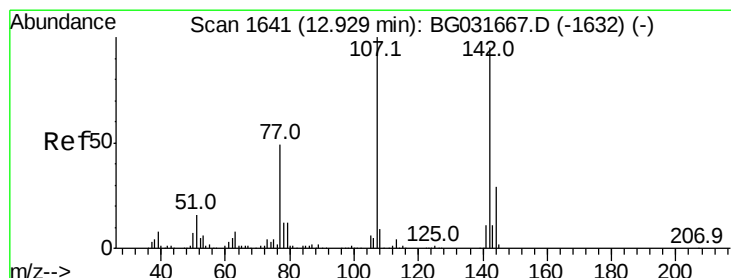
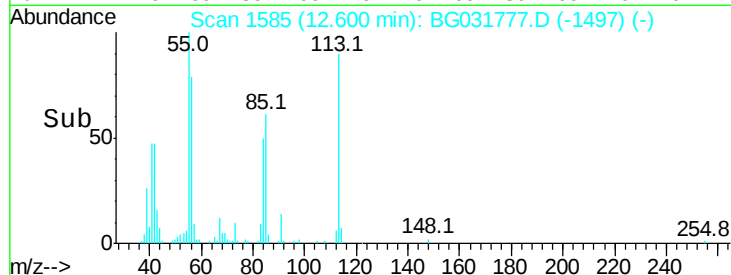
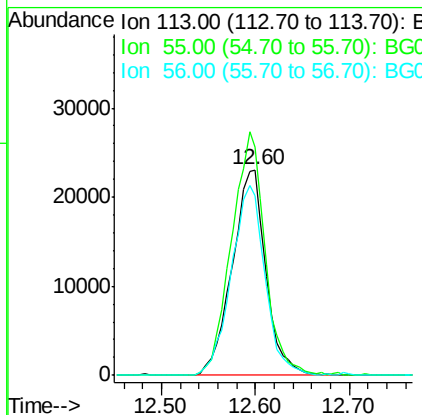
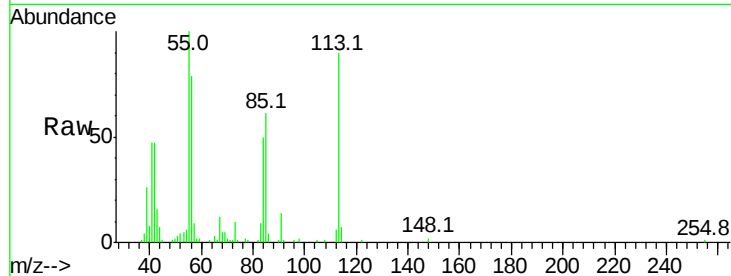
ClientSampleId :

PB105316BSD

Tot Ion:	113	Resp:	57402
Ion Ratio	Lower	Upper	
113	100		
55	110.9	186.9	226.9#
56	87.4	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 53.872 ng

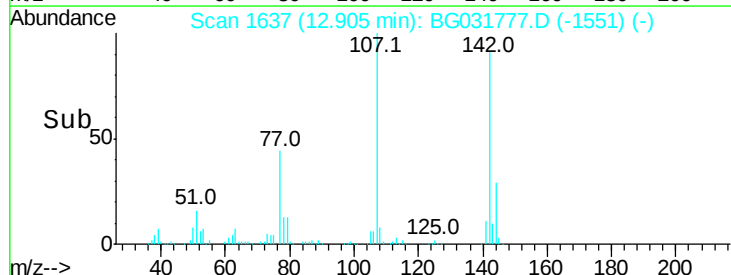
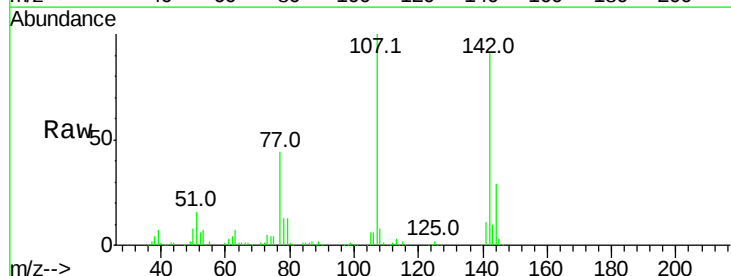
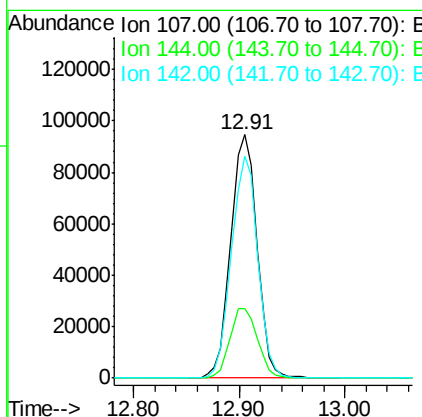
RT: 12.91 min Scan# 1637

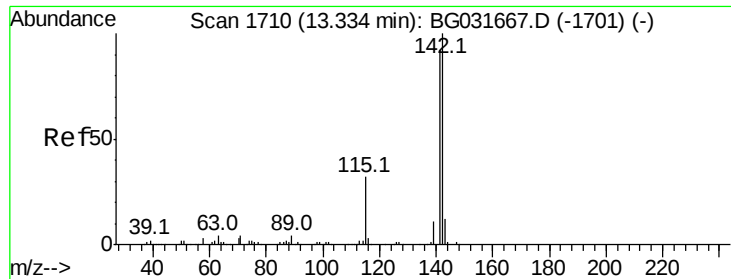
Delta R.T. -0.02 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion:	107	Resp:	162103
Ion Ratio	Lower	Upper	
107	100		
144	28.7	18.2	27.4#
142	91.0	59.0	88.4#





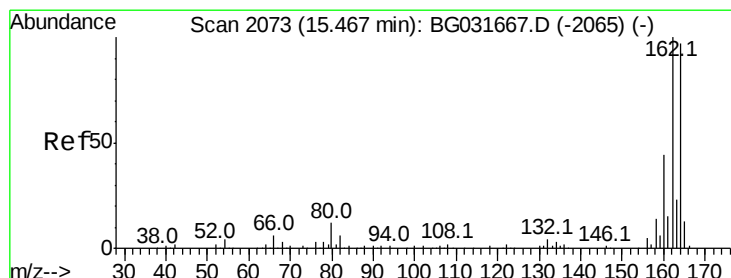
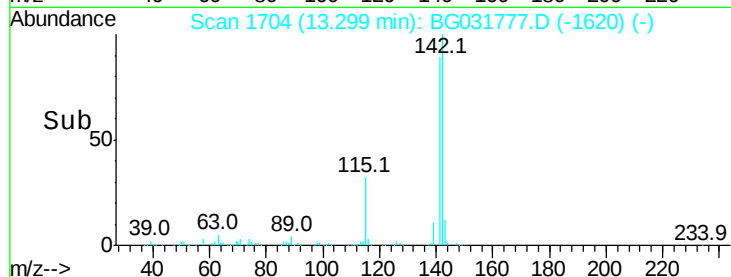
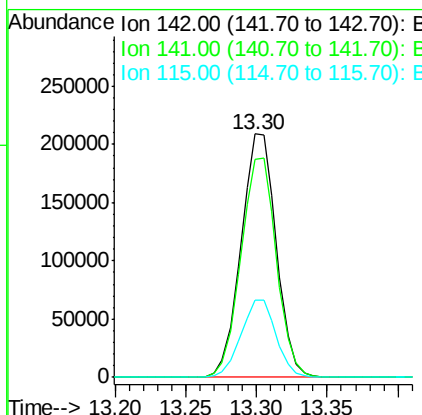
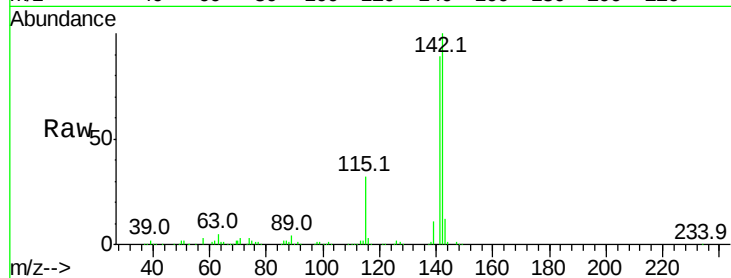
#37
2-Methylnaphthalene
Concen: 48.233 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	363679		
141	89.4	67.1	100.7	
115	31.9	30.7	46.1	

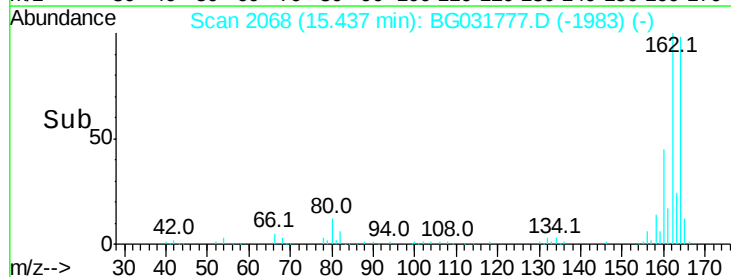
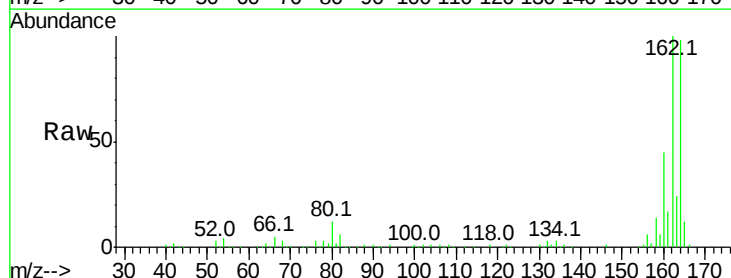
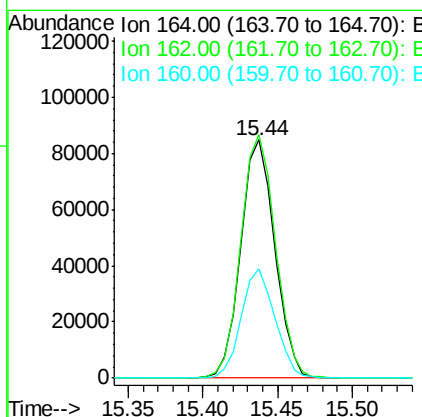
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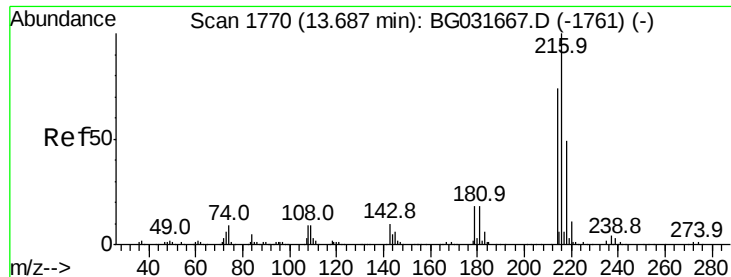
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133967		
162	102.2	78.8	118.2	
160	45.8	35.4	53.0	





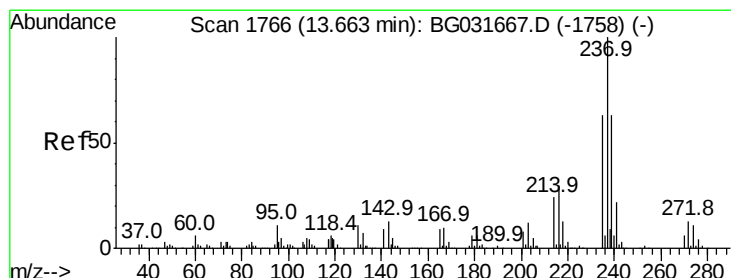
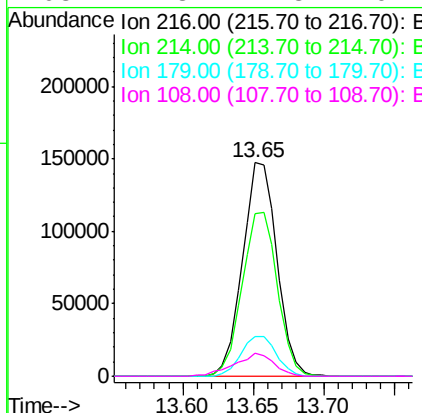
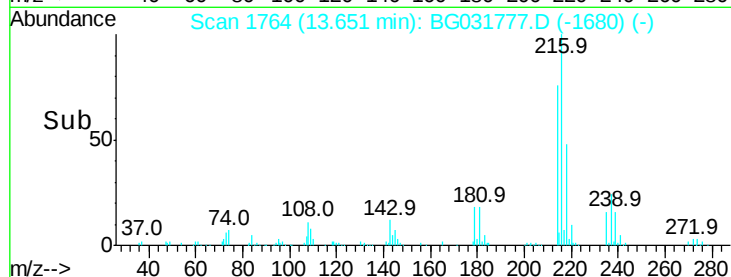
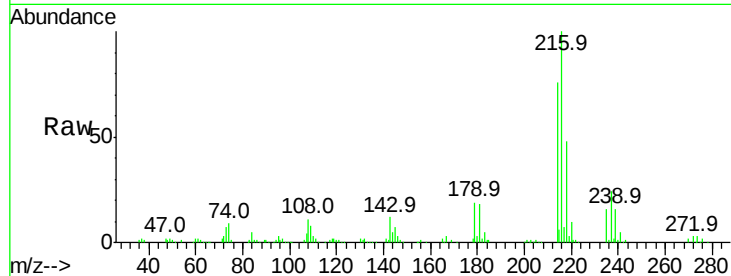
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.594 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.04 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	63.0	94.4
179	19.3	17.0	25.6
108	12.3	12.8	19.2#

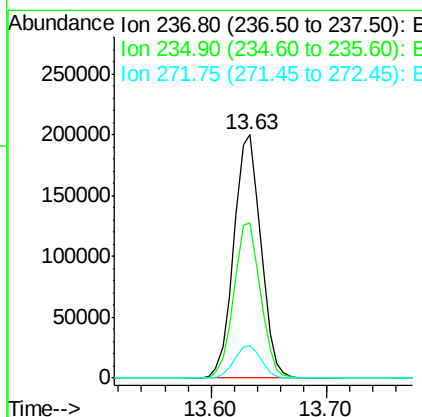
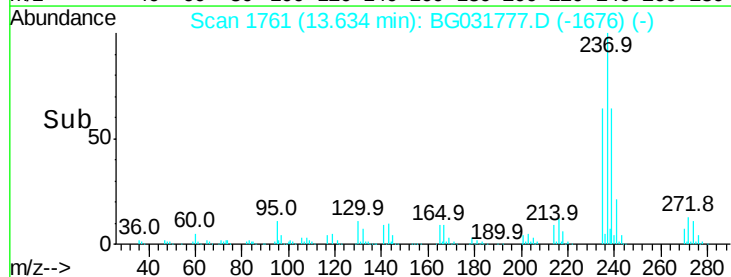
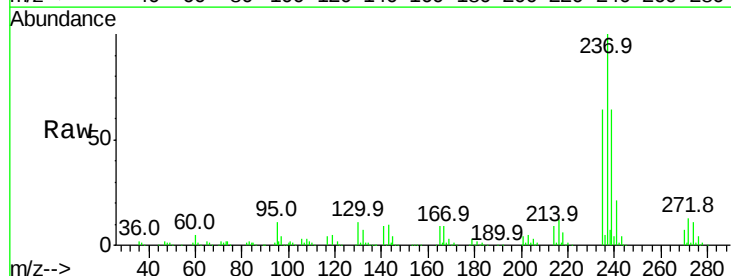
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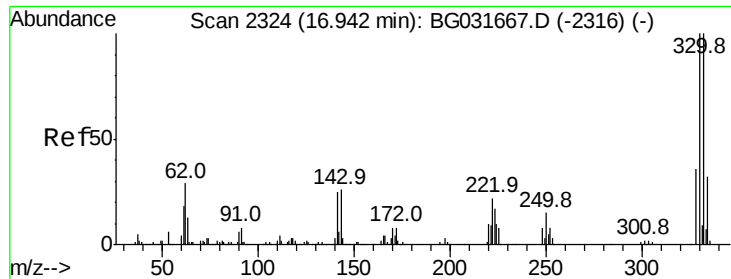
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#40
 Hexachlorocyclopentadiene
 Concen: 108.807 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.03 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	50.4	90.4
272	13.4	0.0	31.8





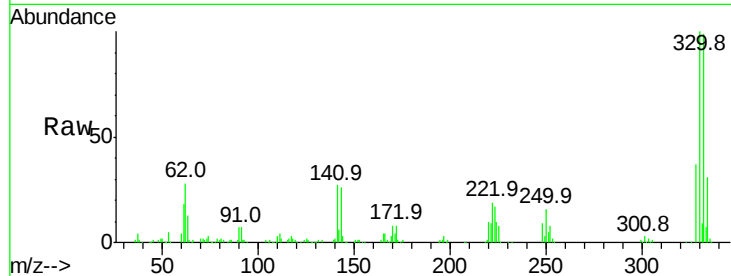
#41
 2,4,6-Tribromophenol
 Concen: 113.870 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.04 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

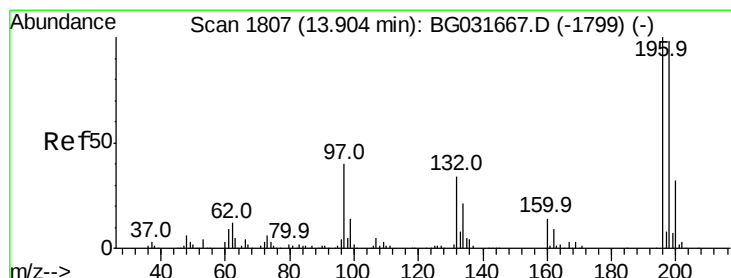
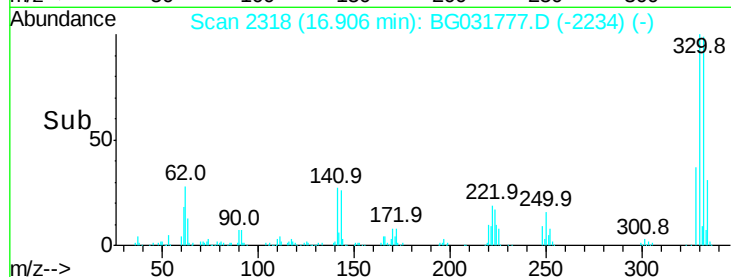
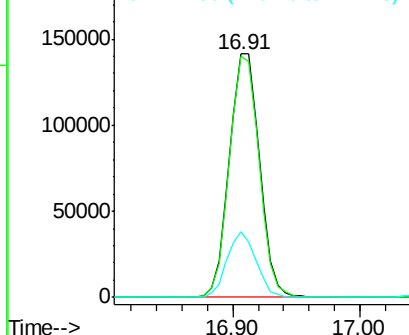
Tot Ion	Ratio	Resp	Lower	Upper
330	100	232768		
332	97.3	77.0	115.6	
141	25.6	25.2	37.8	

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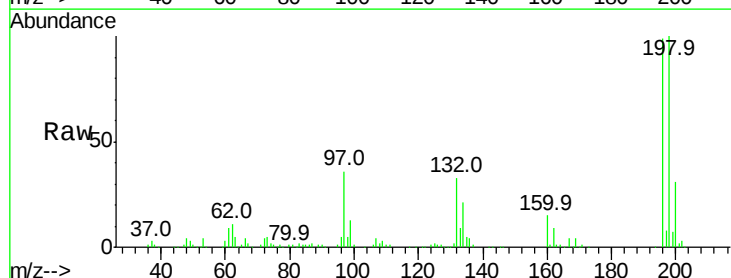


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

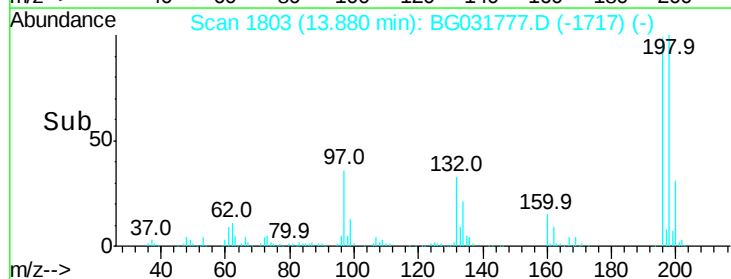
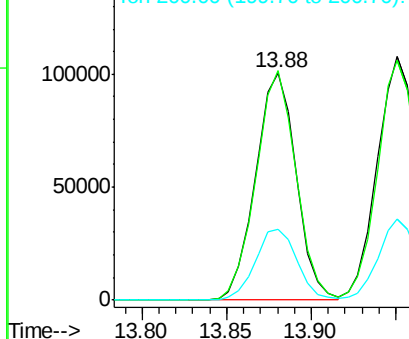


#42
 2,4,6-Trichlorophenol
 Concen: 51.671 ng
 RT: 13.88 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168108		
198	100.7	78.2	117.2	
200	31.1	24.6	36.8	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





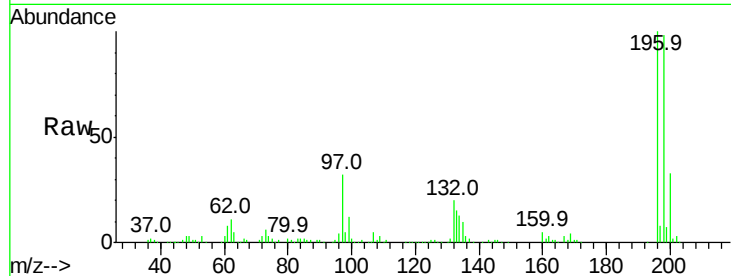
#43
2,4,5-Trichlorophenol
Concen: 50.757 ng
RT: 13.95 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183003		
198	98.5	76.2	114.4	
97	32.5	38.7	58.1#	
132	20.2	20.2	30.2	

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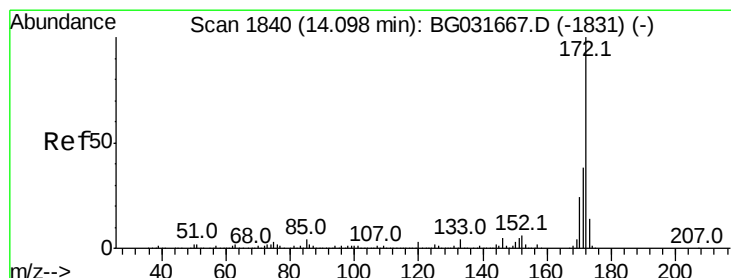
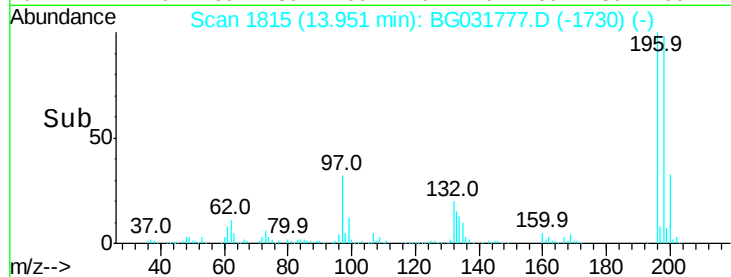
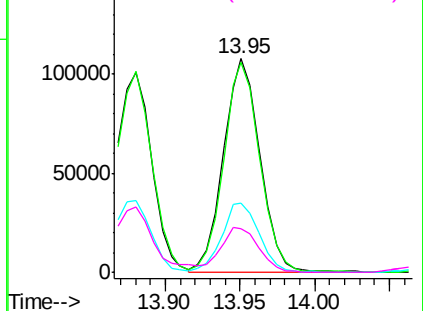
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 90.604 ng
RT: 14.07 min Scan# 1835
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

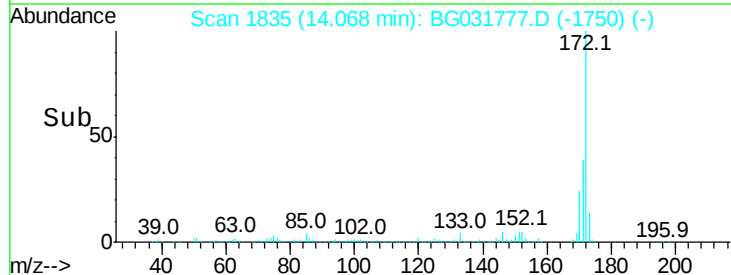
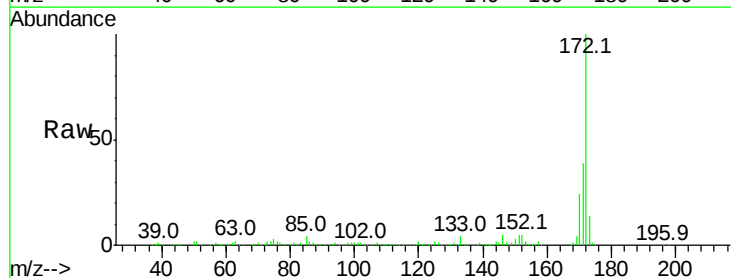
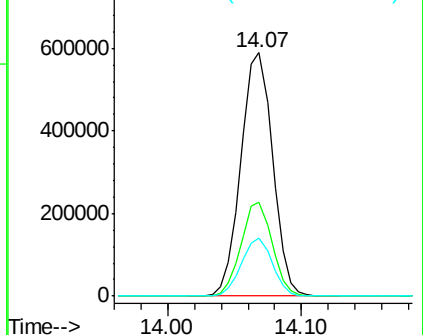
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	967069		
171	38.5	30.0	45.0	
170	23.9	19.5	29.3	

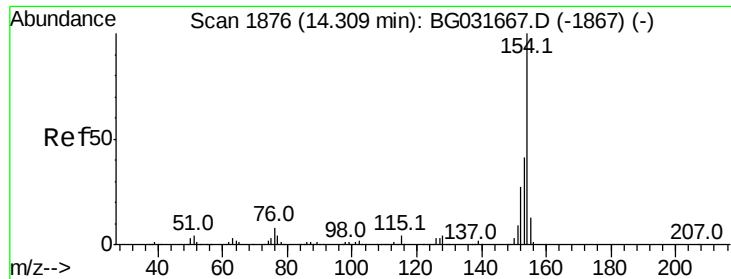
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





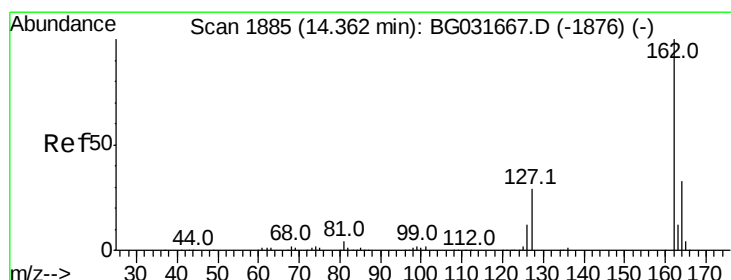
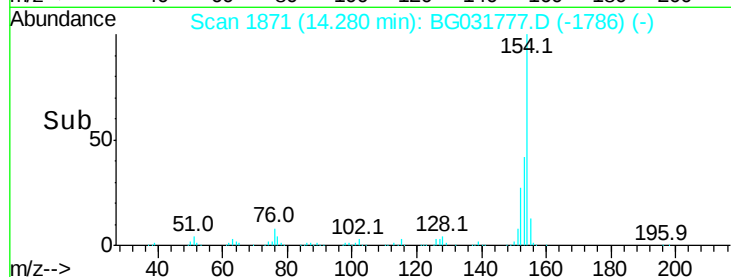
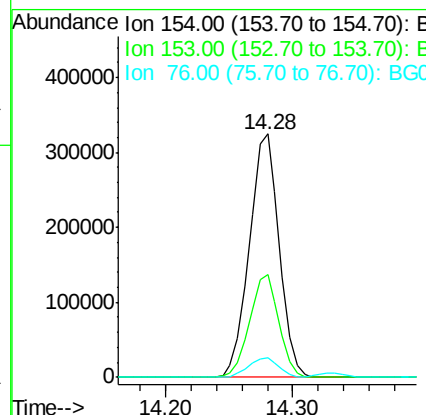
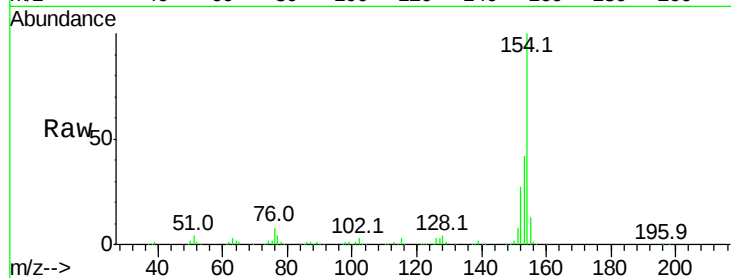
#45
 1,1'-Biphenyl
 Concen: 46.202 ng
 RT: 14.28 min Scan# 1871
 Delta R.T. -0.03 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	7.9	0.0	31.9

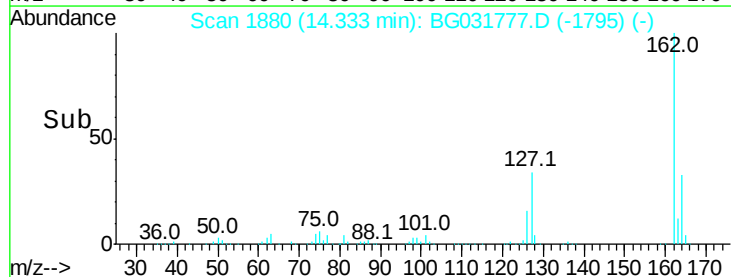
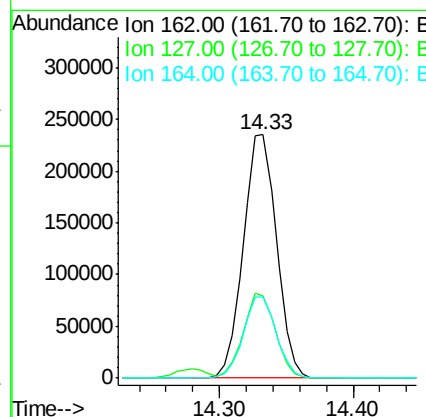
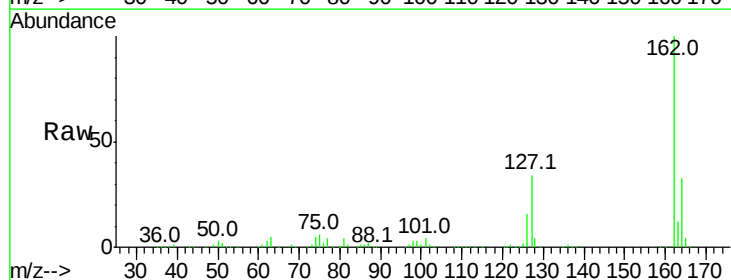
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 46.173 ng
 RT: 14.33 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.9	30.7	46.1
164	33.5	26.0	39.0





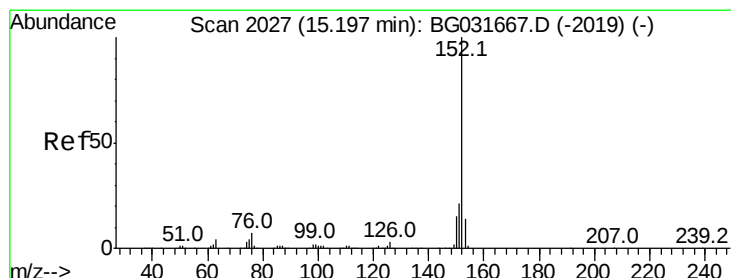
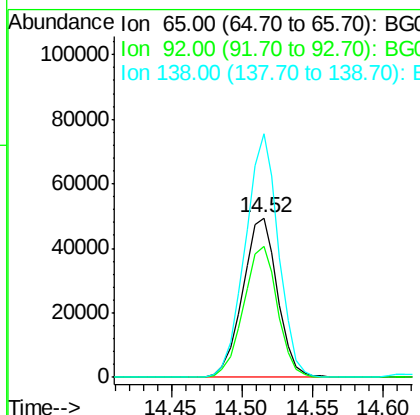
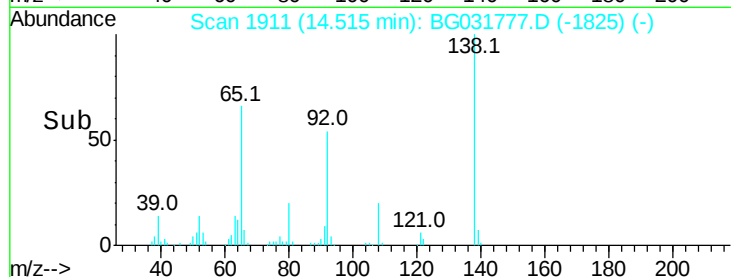
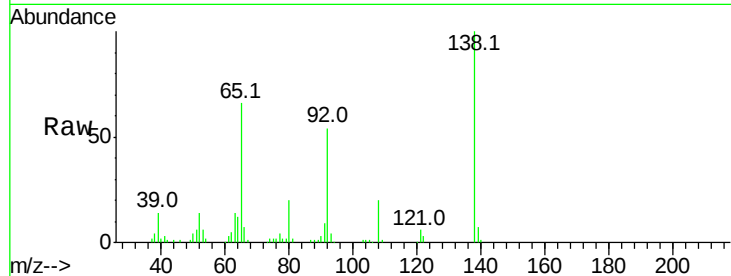
#47
2-Nitroaniline
Concen: 56.403 ng
RT: 14.52 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	82.3	54.6	82.0#
138	152.5	72.9	109.3#

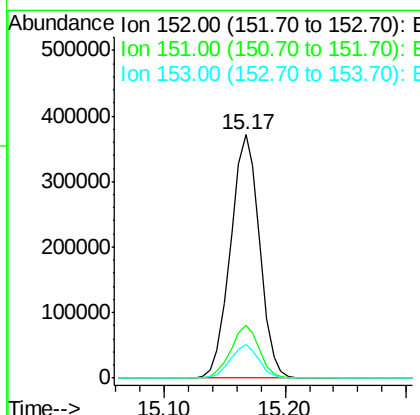
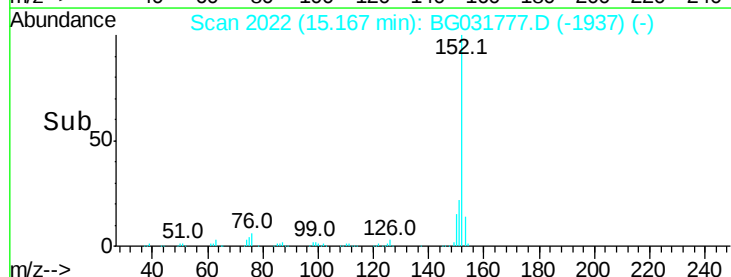
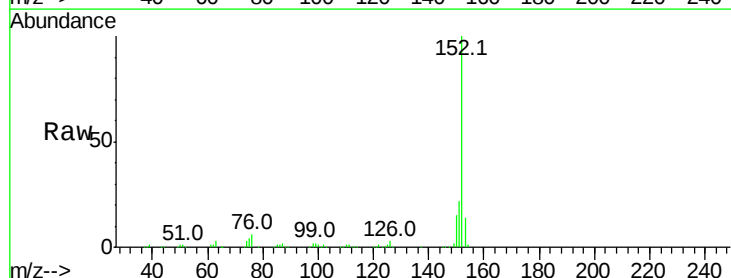
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#48
Acenaphthylene
Concen: 44.297 ng
RT: 15.17 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	13.8	10.2	15.4





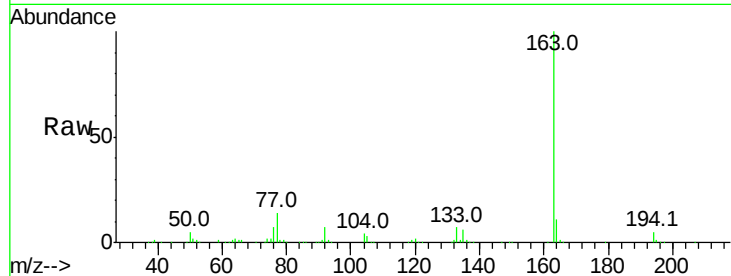
#49
Dimethylphthalate
Concen: 46.425 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

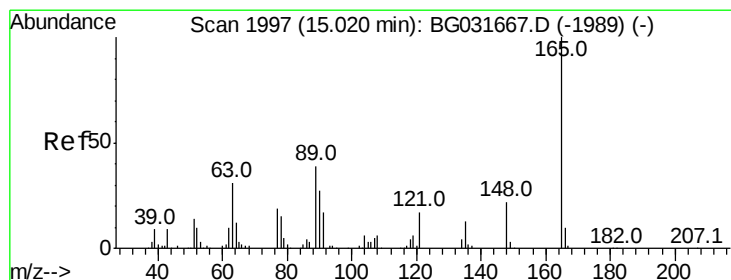
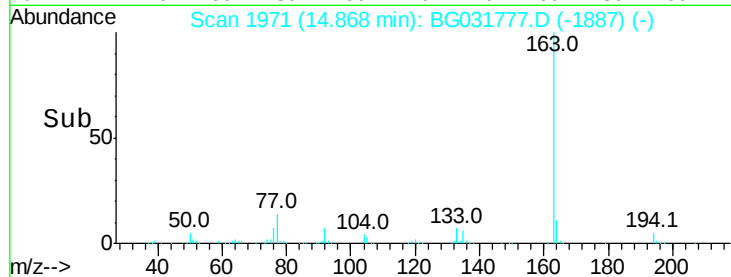
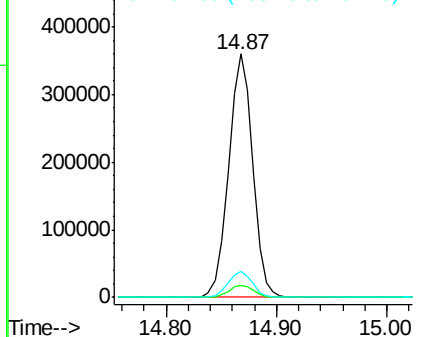
Tot Ion	Ratio	Resp	Lower	Upper
163	100	547910		
194	5.0		3.4	5.2
164	10.6		8.2	12.4

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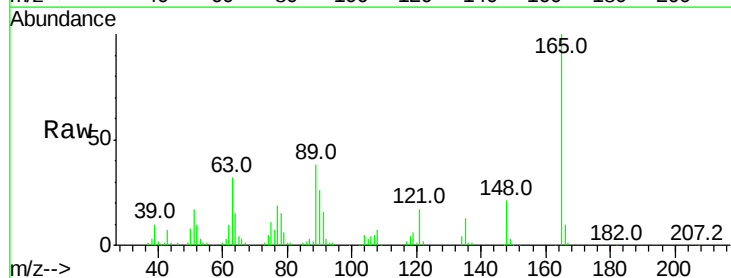


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

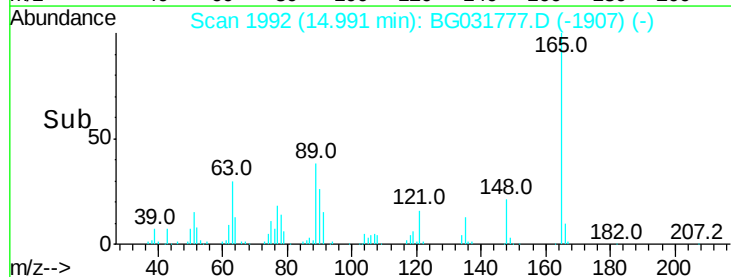
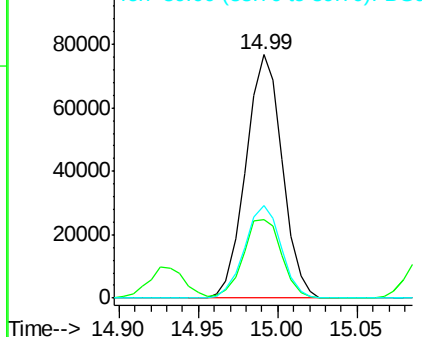


#50
2,6-Dinitrotoluene
Concen: 56.238 ng
RT: 14.99 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122098		
63	32.2		52.7	79.1#
89	38.2		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: 44.433 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

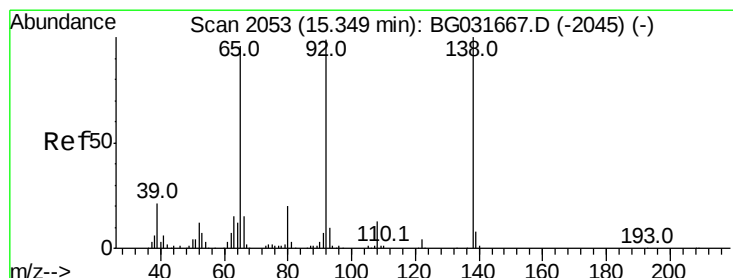
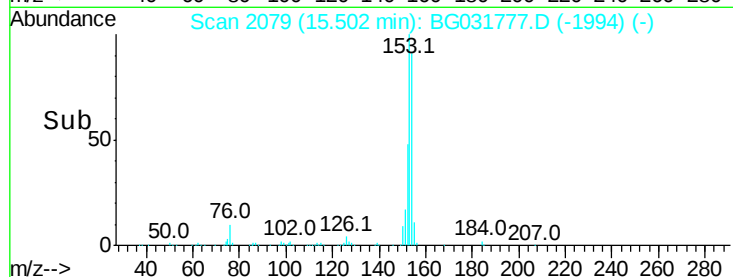
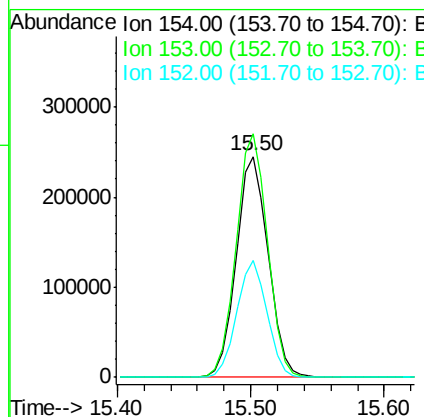
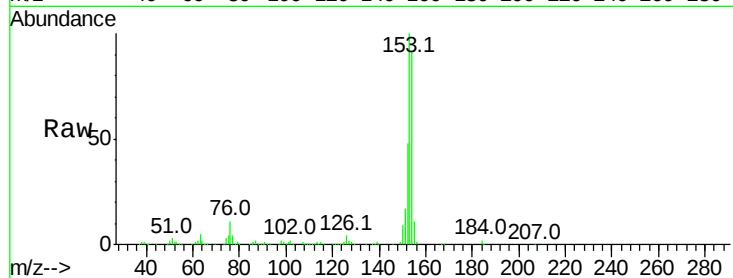
ClientSampleId :

PB105316BSD

Tot Ion:	154	Resp:	406309
Ion Ratio	Lower	Upper	
154	100		
153	110.4	90.4	135.6
152	53.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 26.217 ng

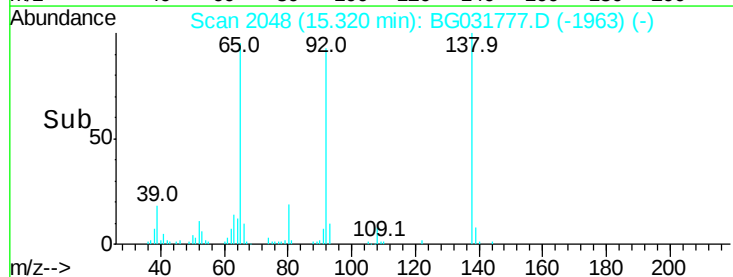
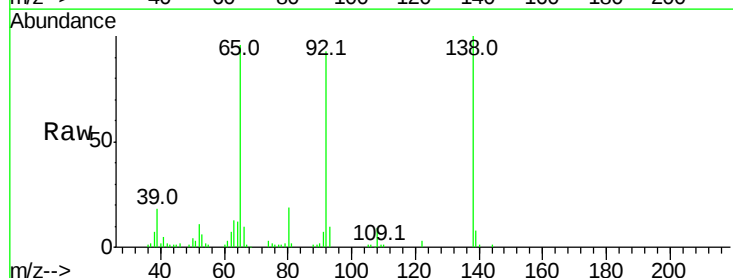
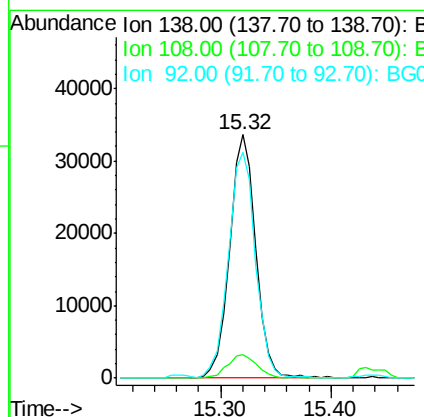
RT: 15.32 min Scan# 2048

Delta R.T. -0.03 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion:	138	Resp:	55532
Ion Ratio	Lower	Upper	
138	100		
108	9.4	17.5	26.3#
92	92.7	105.8	158.8#





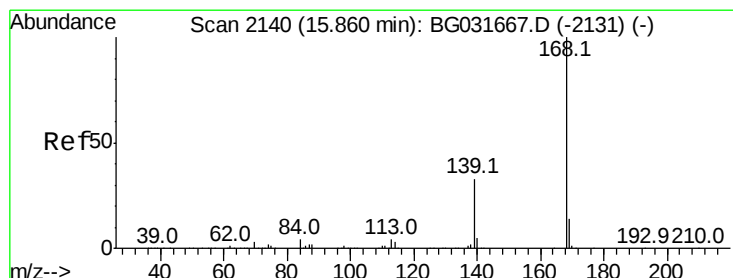
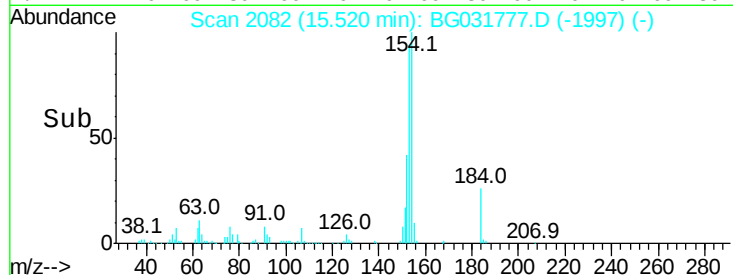
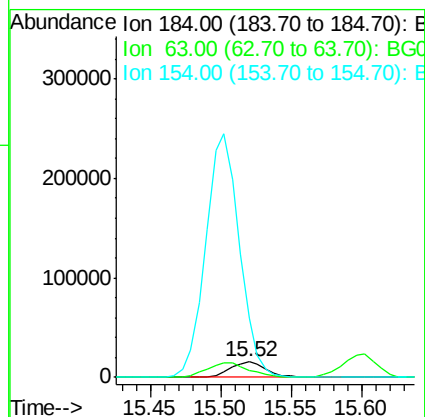
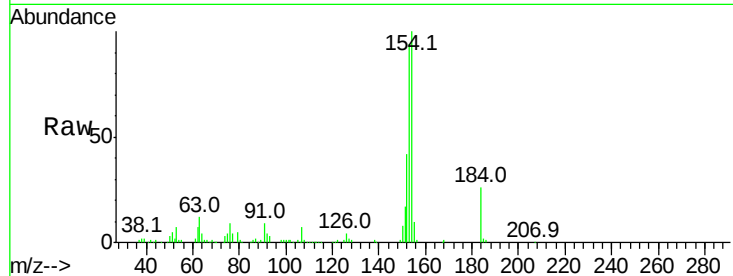
#53
2,4-Dinitrophenol
Concen: 35.051 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.2	59.8	89.8#
154	386.6	101.8	152.8#

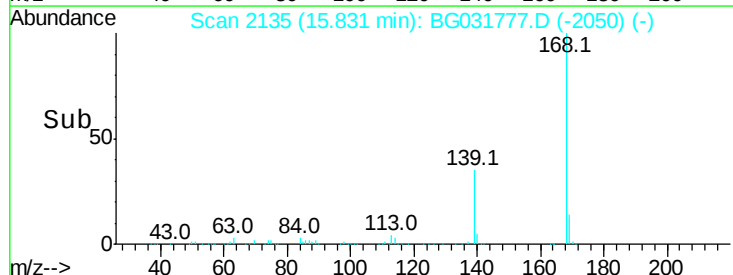
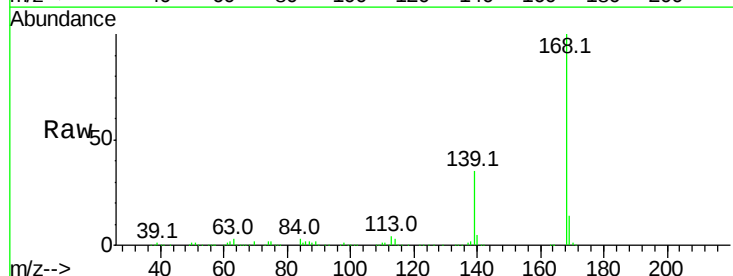
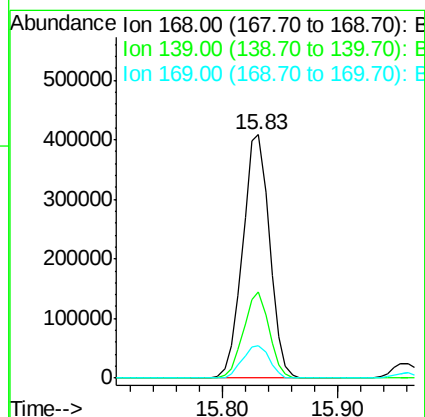
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#54
Dibenzofuran
Concen: 46.989 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

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





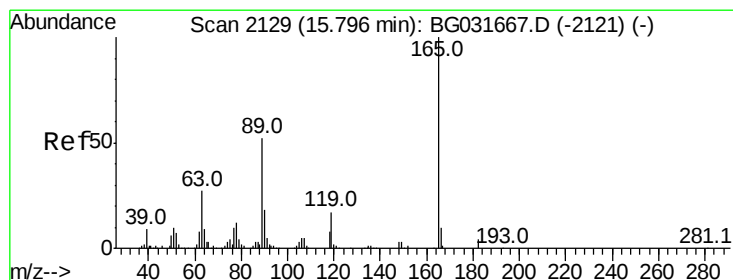
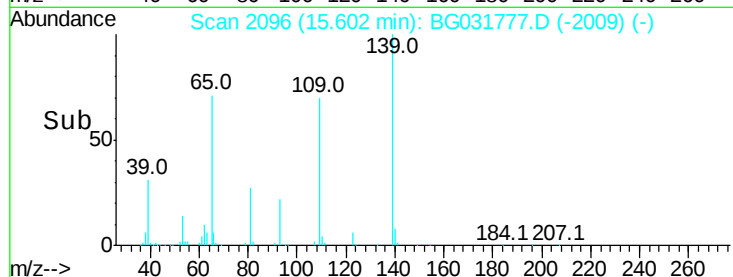
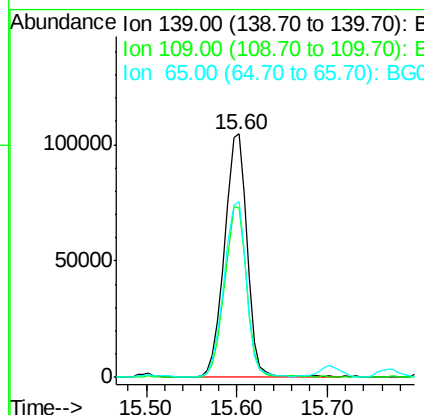
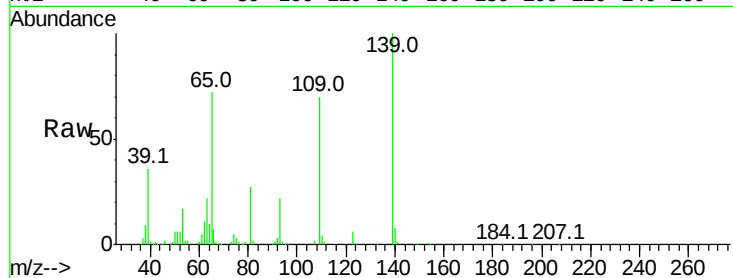
#55
4-Nitrophenol
Concen: 105.535 ng
RT: 15.60 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	181945		
109	69.6	62.2	102.2	
65	72.3	97.2	137.2#	

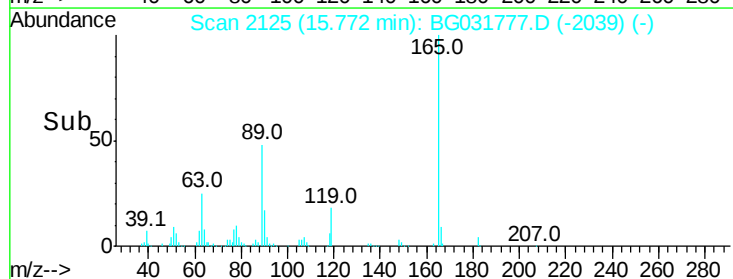
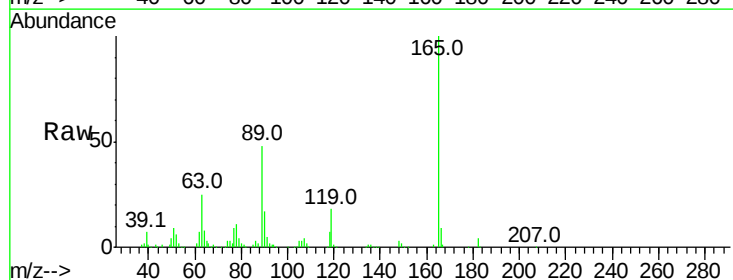
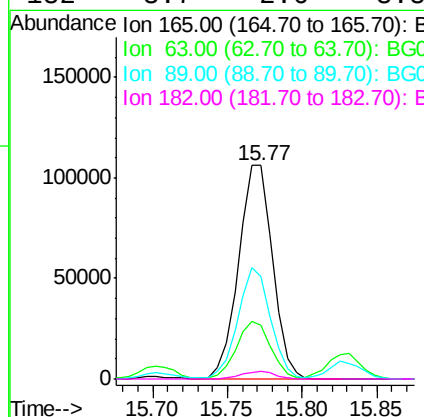
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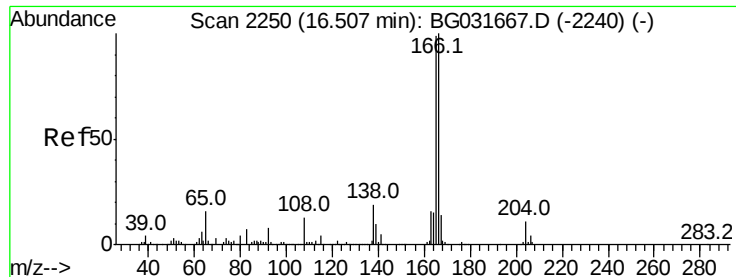
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#56
2,4-Dinitrotoluene
Concen: 60.282 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168292		
63	25.2	42.0	63.0#	
89	48.0	66.9	100.3#	
182	3.7	2.6	3.8	





#57

Fluorene

Concen: 46.596 ng

RT: 16.47 min Scan# 2244

Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

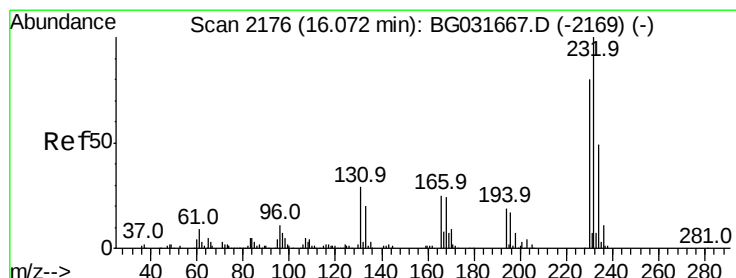
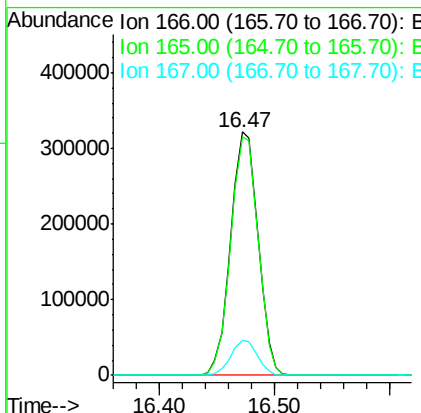
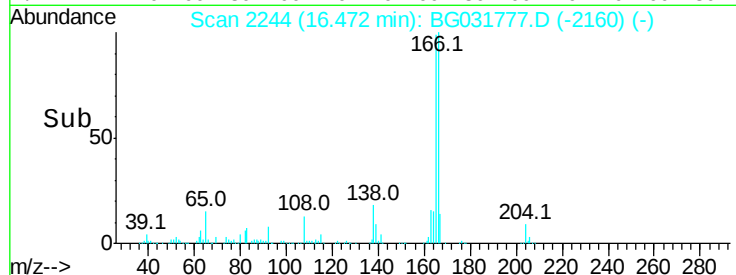
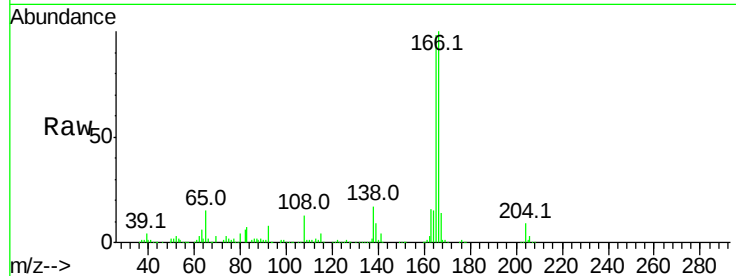
ClientSampleId :

PB105316BSD

Tot Ion:	166	Resp:	530605
Ion Ratio	Lower	Upper	
166	100		
165	97.9	80.6	121.0
167	14.3	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.962 ng

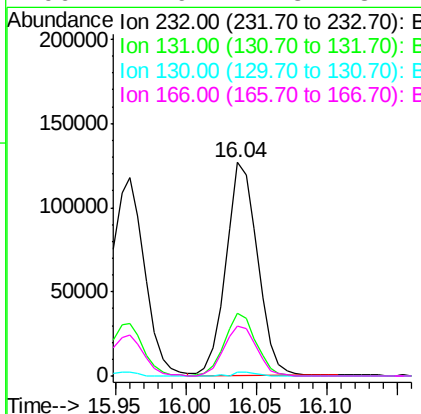
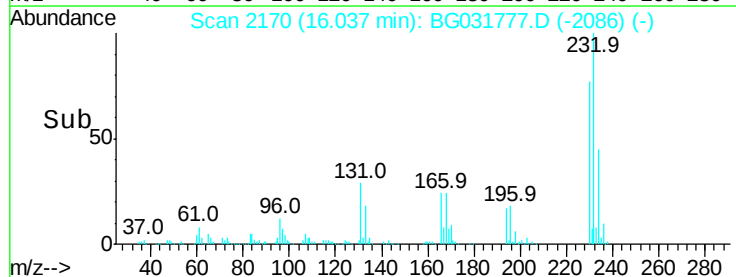
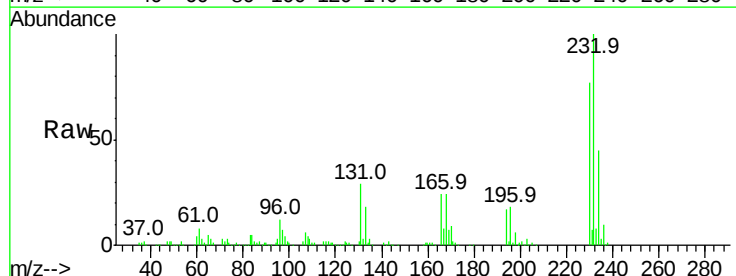
RT: 16.04 min Scan# 2170

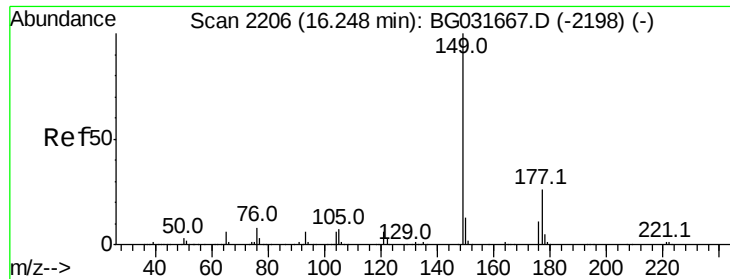
Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion:	232	Resp:	196854
Ion Ratio	Lower	Upper	
232	100		
131	29.4	33.5	50.3#
130	1.4	2.2	3.2#
166	24.6	24.8	37.2#





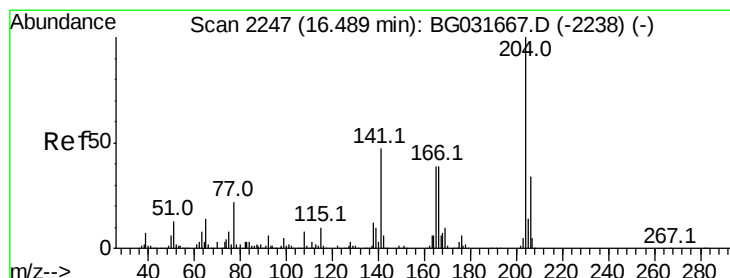
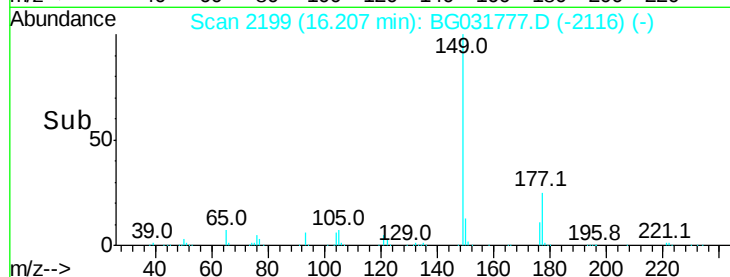
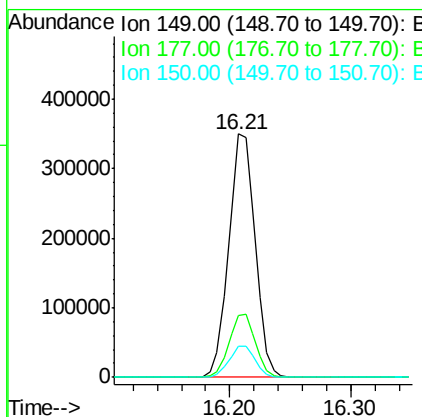
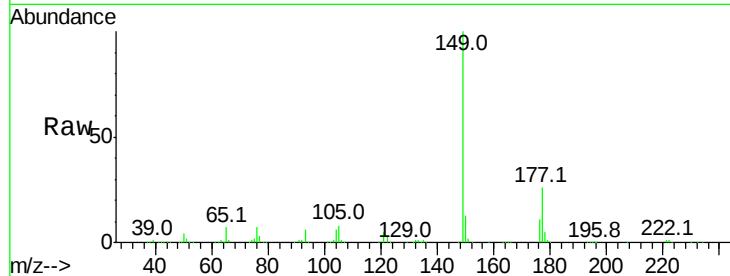
#59
Diethylphthalate
Concen: 46.202 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	25.5	18.5	27.7
150	12.9	10.2	15.2

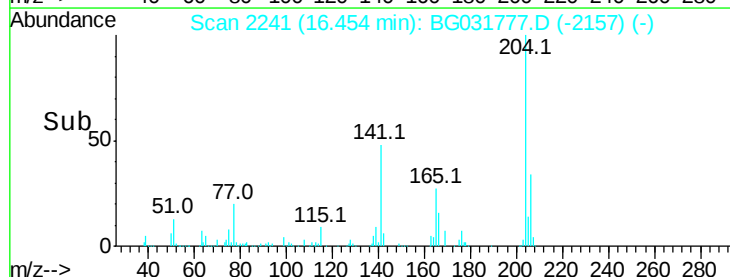
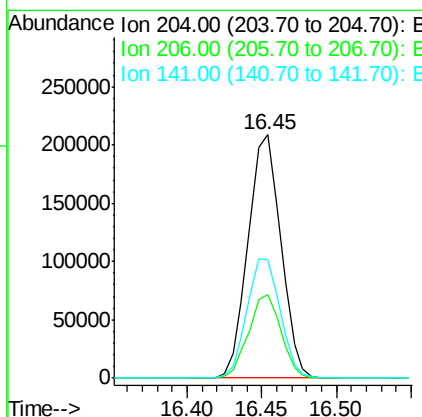
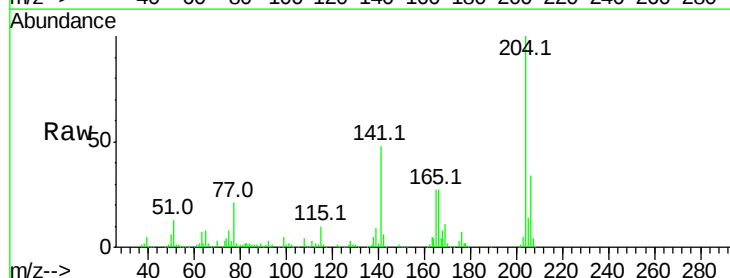
Manual Integrations
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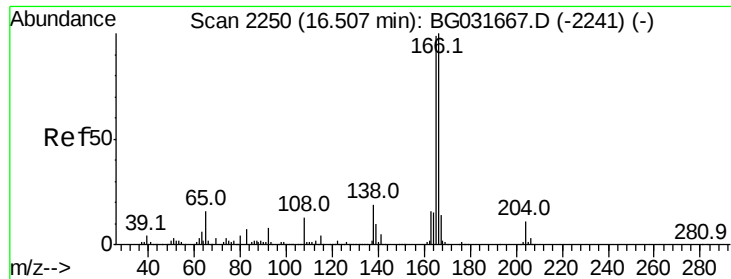
Sohil
12/27/2017 1:56:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.480 ng
RT: 16.45 min Scan# 2241
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.4	26.2	39.2
141	48.3	45.8	68.6





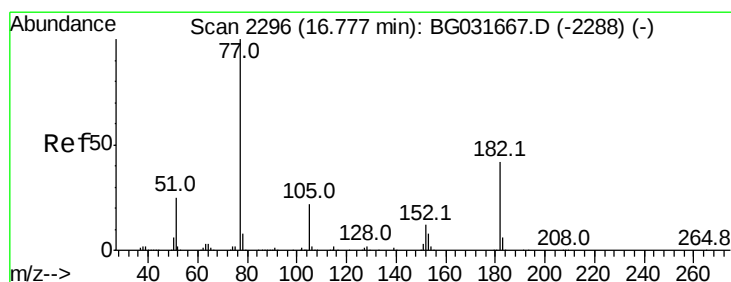
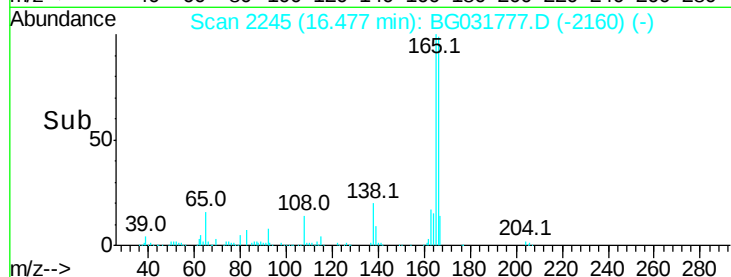
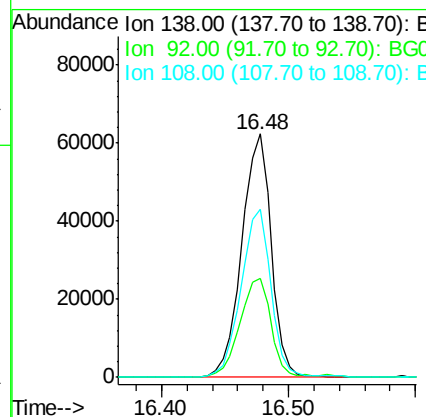
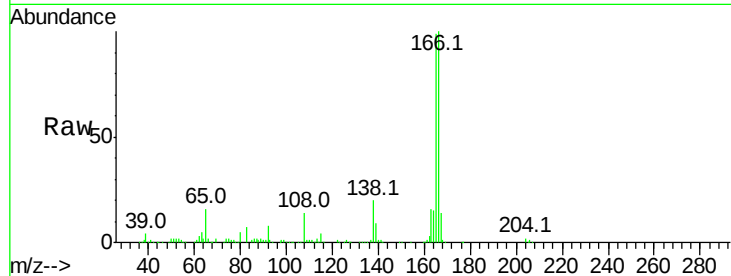
#61
4-Nitroaniline
Concen: 48.485 ng
RT: 16.48 min Scan# 2245
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	100221		
92	40.9		40.1	80.1
108	69.3		65.4	105.4

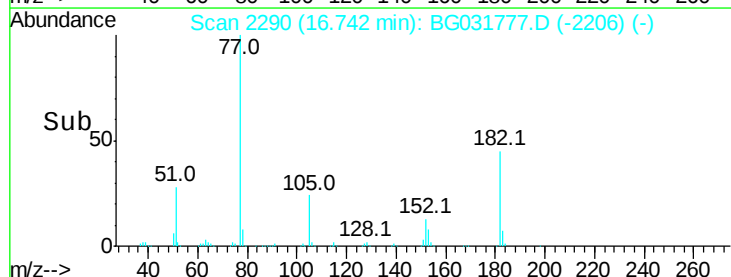
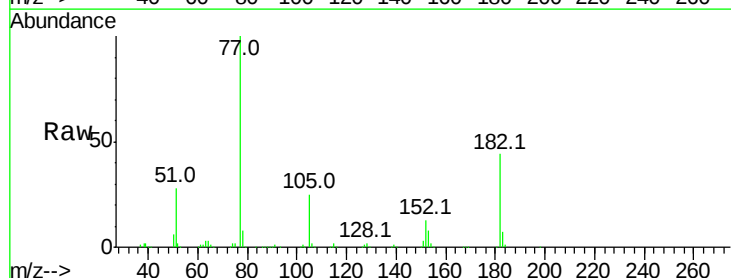
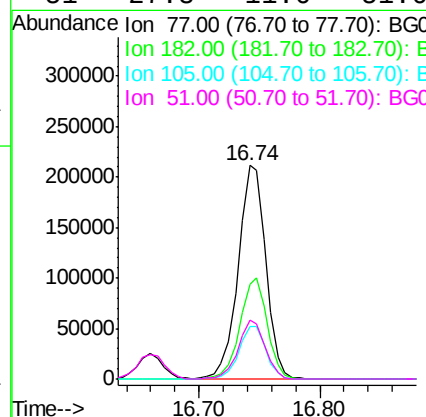
Manual Integrations
APPROVED

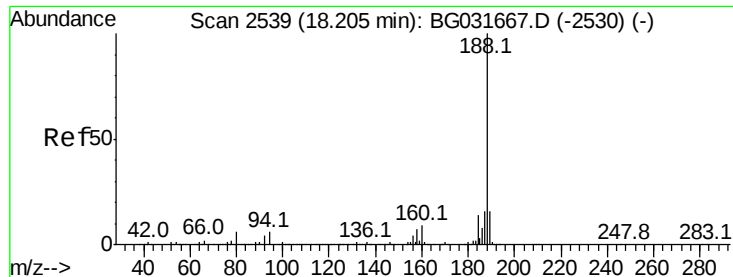
Sohil
12/27/2017 1:56:52 PM



#62
Azobenzene
Concen: 45.744 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	337458		
182	44.5		7.4	47.4
105	24.6		0.3	40.3
51	27.8		11.6	51.6





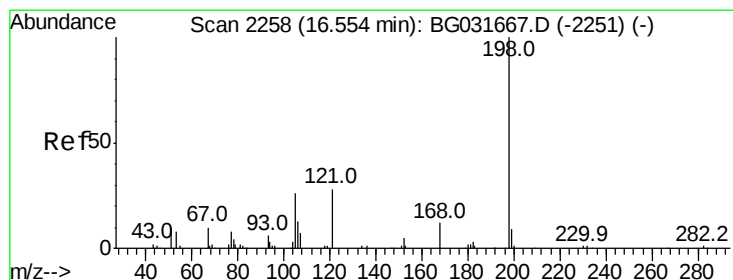
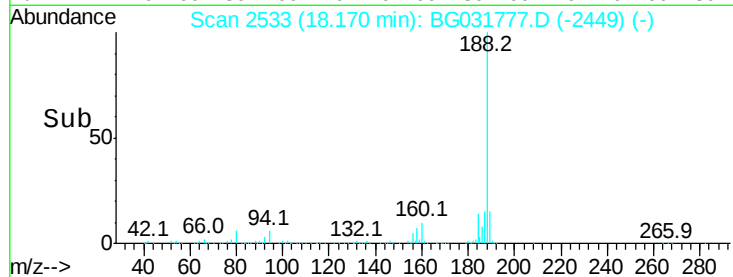
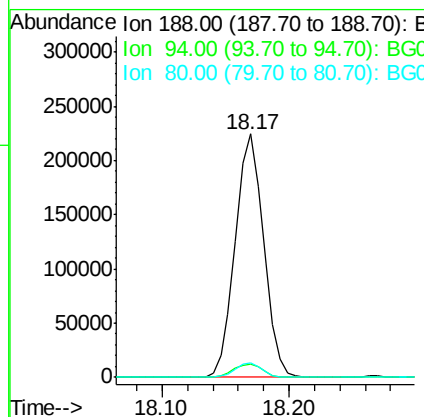
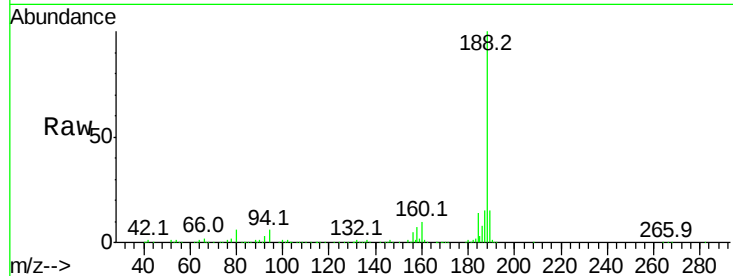
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.8	7.7	11.5#

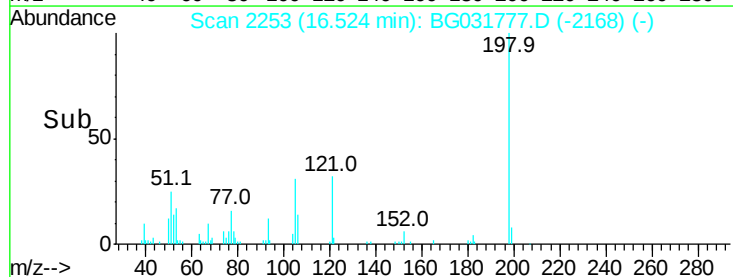
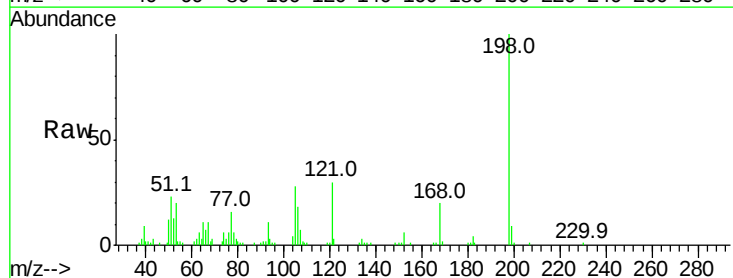
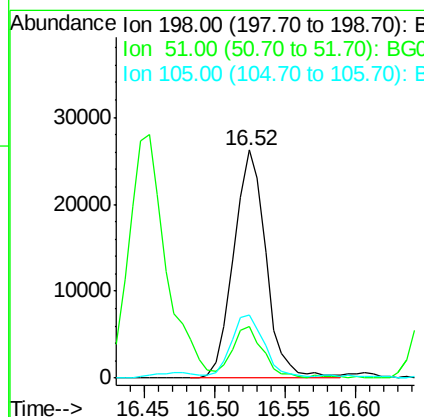
Manual Integrations
APPROVED

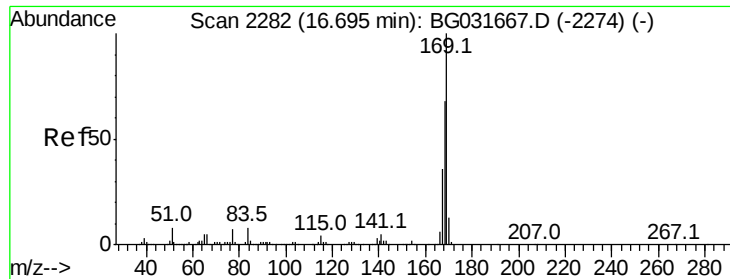
Sohil
12/27/2017 1:56:52 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 28.775 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	22.8	30.6	70.6#
105	27.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 43.334 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

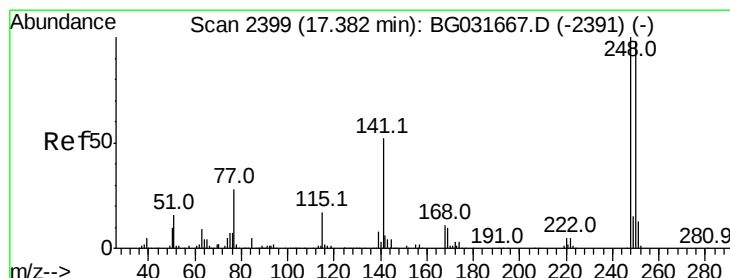
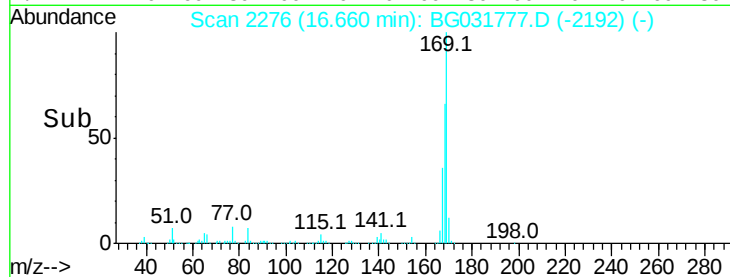
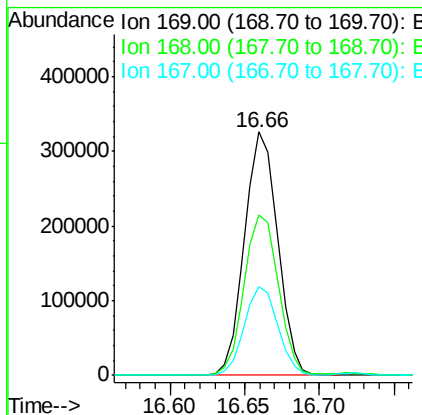
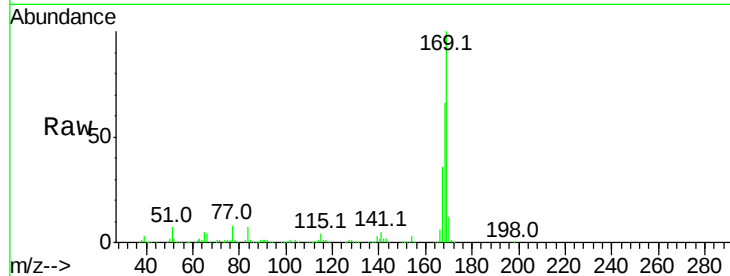
ClientSampleId :

PB105316BSD

Tot Ion:	169	Resp:	500806
Ion Ratio	Lower	Upper	
169	100		
168	65.7	55.7	83.5
167	36.2	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 47.209 ng

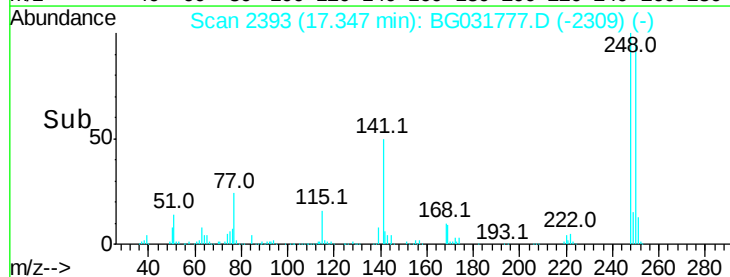
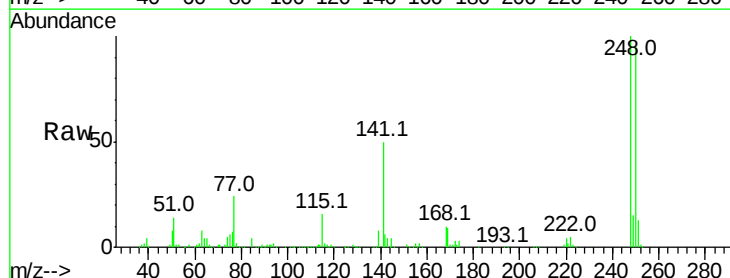
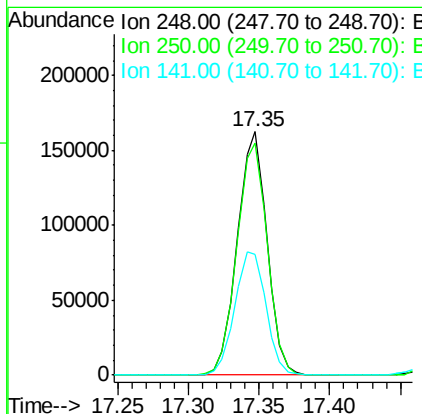
RT: 17.35 min Scan# 2393

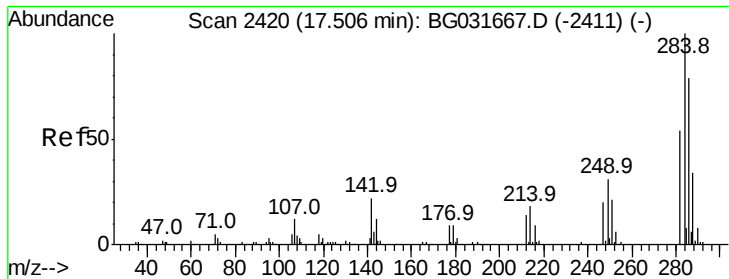
Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Tgt Ion:	248	Resp:	237545
Ion Ratio	Lower	Upper	
248	100		
250	95.1	77.1	115.7
141	49.7	50.8	76.2#





#67

Hexachlorobenzene

Concen: 47.749 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

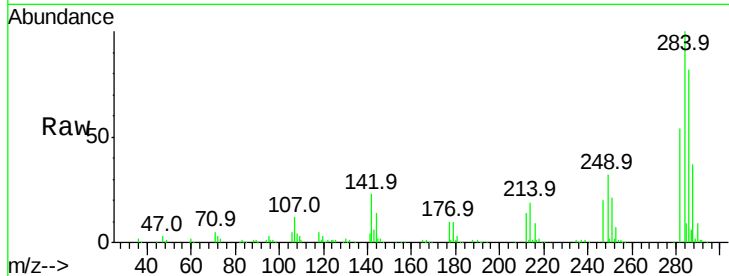
ClientSampleId :

PB105316BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	22.5	26.8	40.2#
249	32.5	26.3	39.5

Manual Integrations
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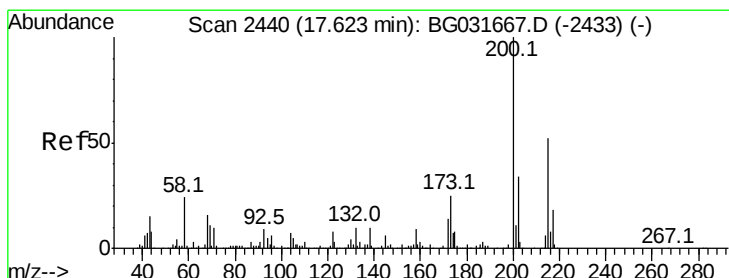
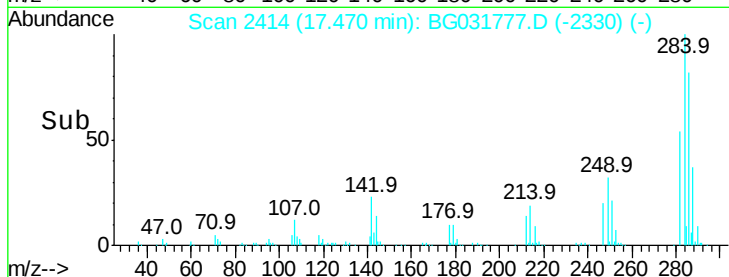
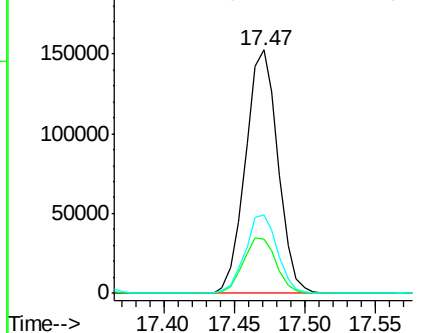
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.942 ng

RT: 17.59 min Scan# 2434

Delta R.T. -0.04 min

Lab File: BG031777.D

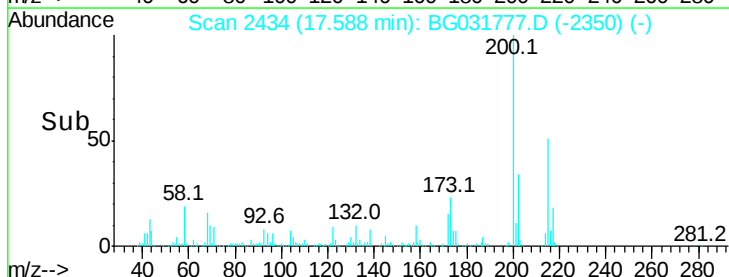
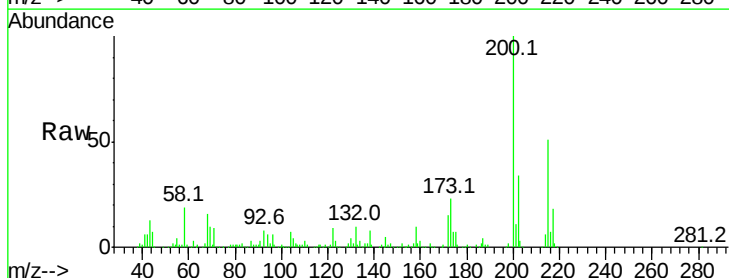
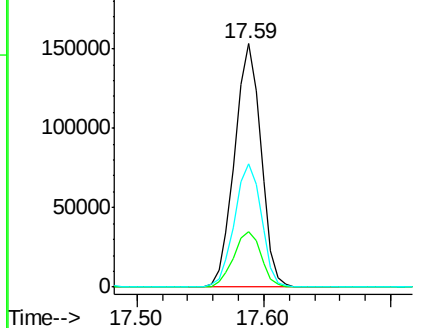
Acq: 27 Dec 2017 1:32

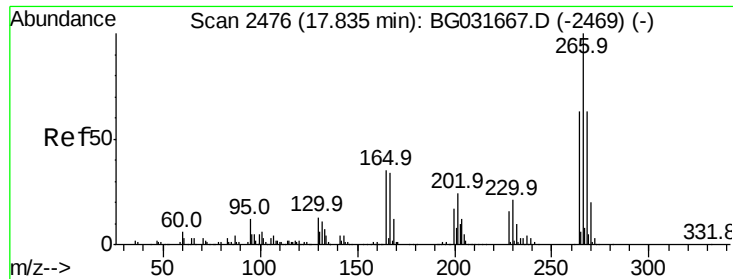
Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.6	5.2	45.2
215	50.6	30.4	70.4

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





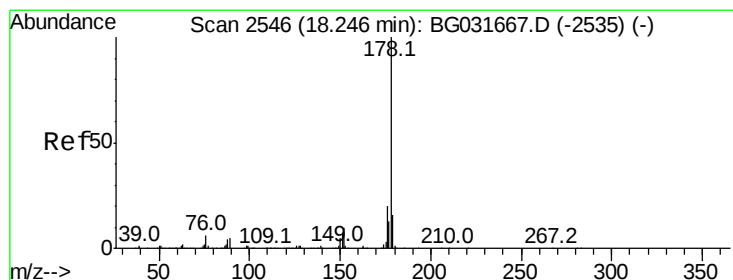
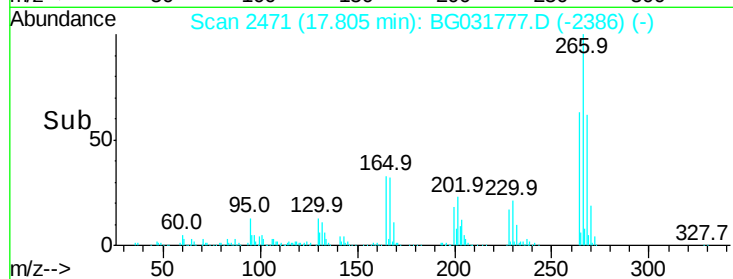
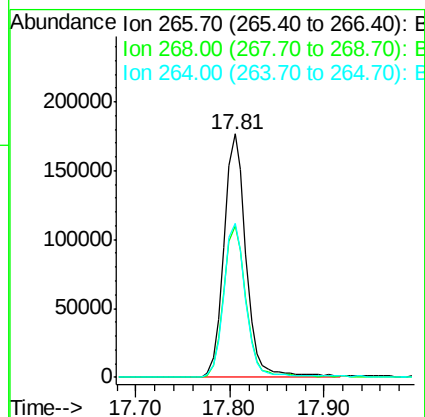
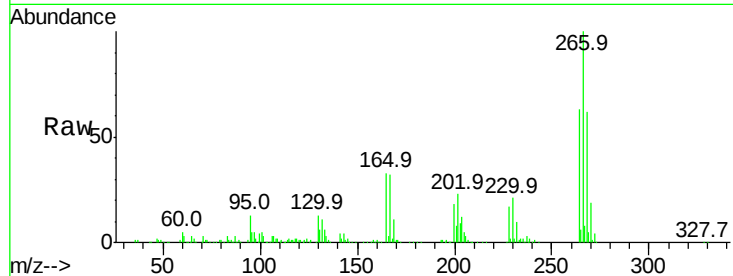
#69
 Pentachlorophenol
 Concen: 82.318 ng
 RT: 17.81 min Scan# 2471
 Delta R.T. -0.03 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	291242		
268	62.5	51.1	76.7	
264	63.4	49.6	74.4	

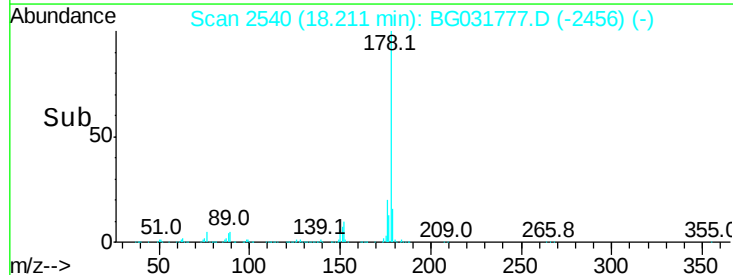
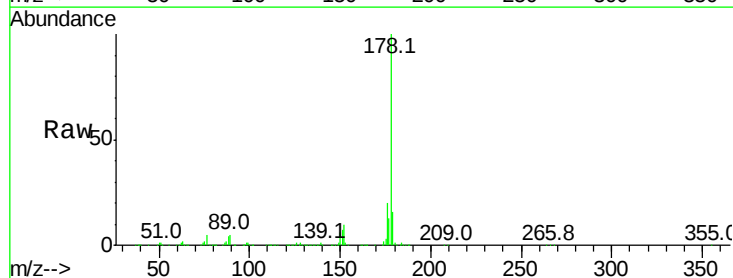
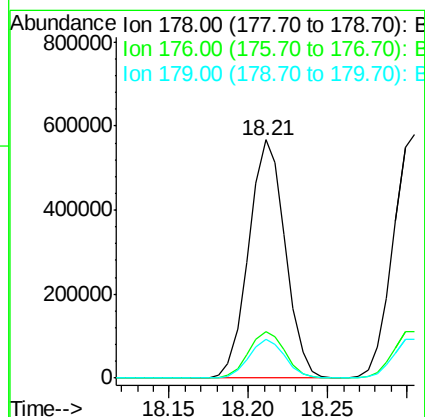
Manual Integrations
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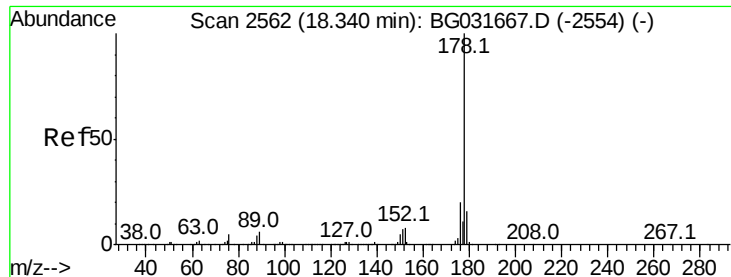
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#70
 Phenanthrene
 Concen: 46.030 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.04 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	906437		
176	19.7	15.7	23.5	
179	16.5	12.5	18.7	





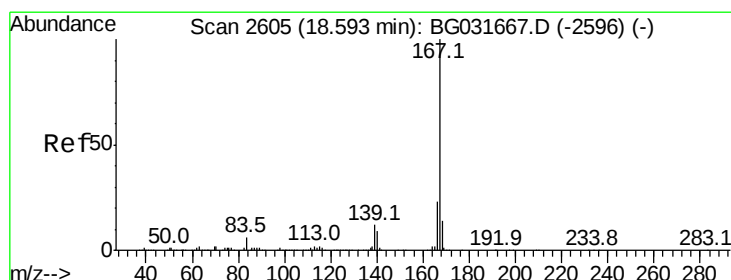
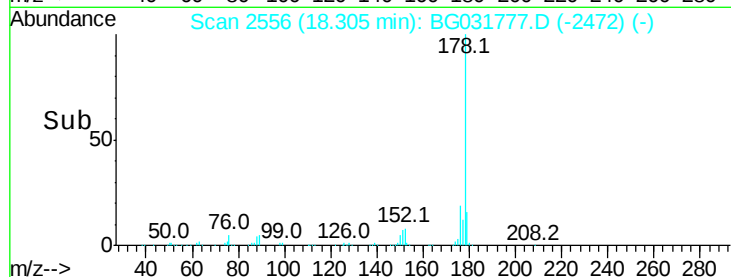
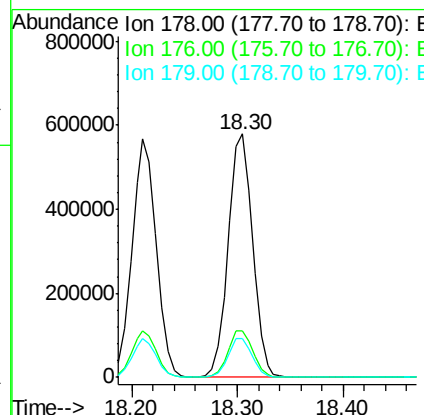
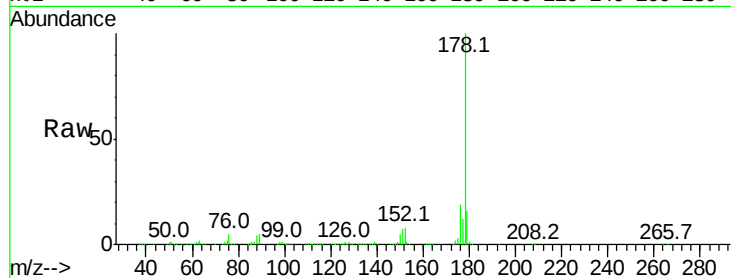
#71
 Anthracene
 Concen: 46.630 ng
 RT: 18.30 min Scan# 2556
 Delta R.T. -0.04 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	16.2	12.5	18.7

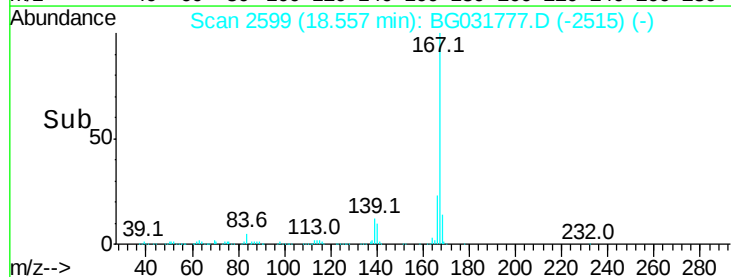
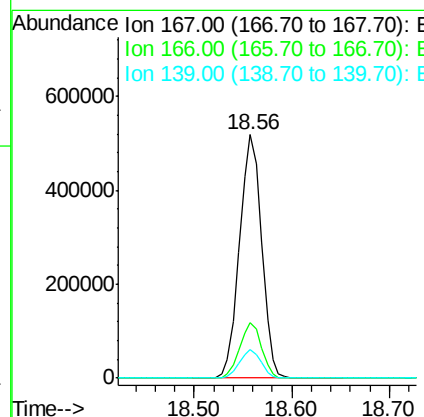
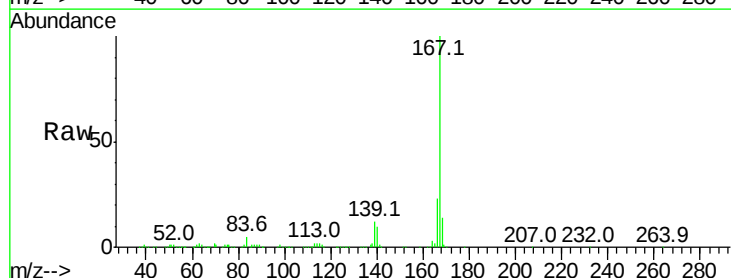
Manual Integrations
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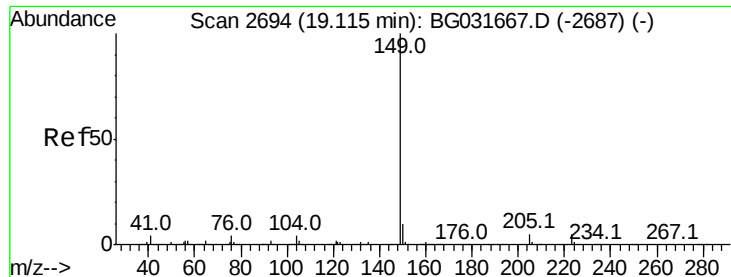
Sohil
 12/27/2017 1:56:52 PM



#72
 Carbazole
 Concen: 46.421 ng
 RT: 18.56 min Scan# 2599
 Delta R.T. -0.04 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	11.7	9.4	14.2





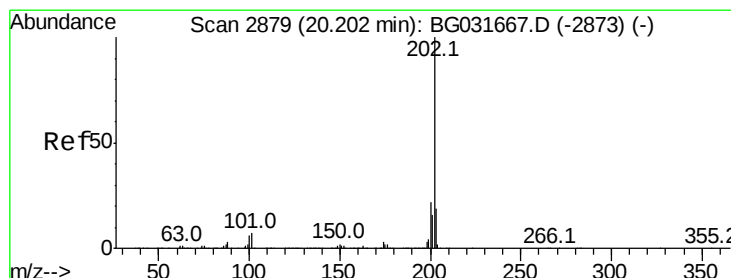
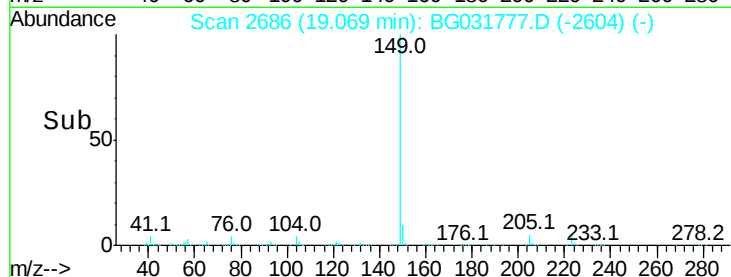
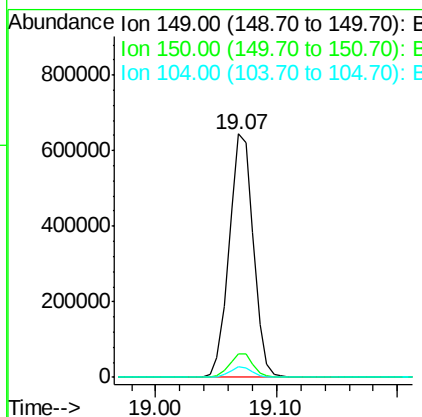
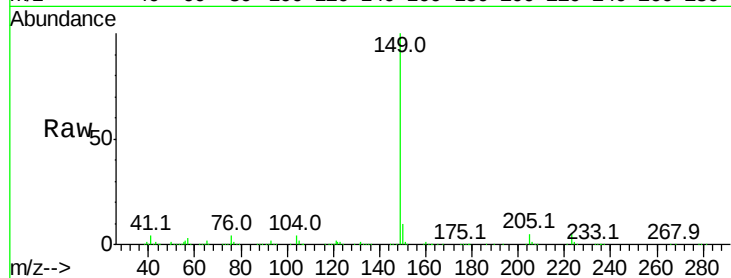
#73
Di-n-butylphthalate
Concen: 45.838 ng
RT: 19.07 min Scan# 2686
Delta R.T. -0.05 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.8	11.6	
104	4.3	3.9	5.9	

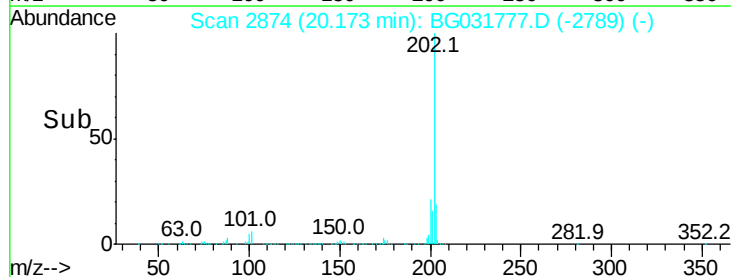
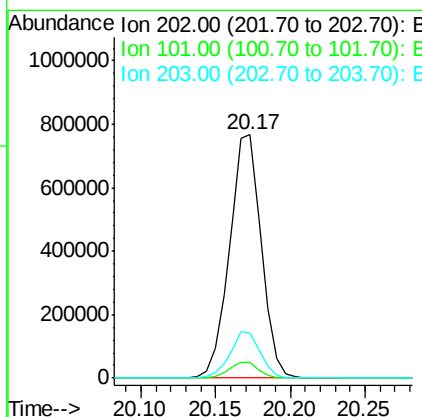
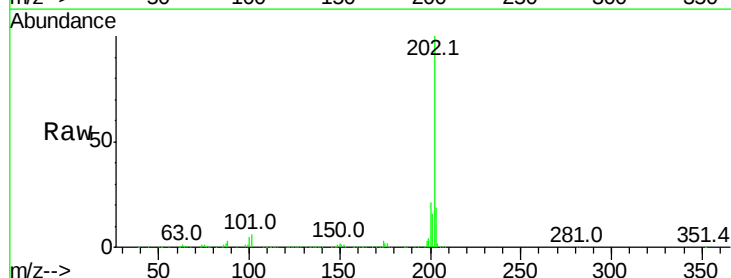
Manual Integrations
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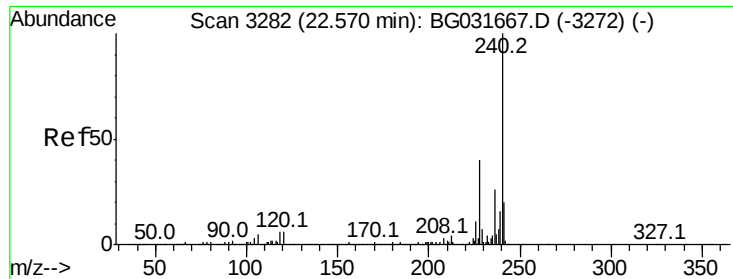
Sohil
12/27/2017 1:56:52 PM



#74
Fluoranthene
Concen: 47.054 ng
RT: 20.17 min Scan# 2874
Delta R.T. -0.03 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.3	0.0	28.9	
203	18.6	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.52 min Scan# 3273

Delta R.T. -0.05 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

Instrument :

BNA_G

ClientSampleId :

PB105316BSD

Tot Ion:240 Resp: 400526

Ion Ratio Lower Upper

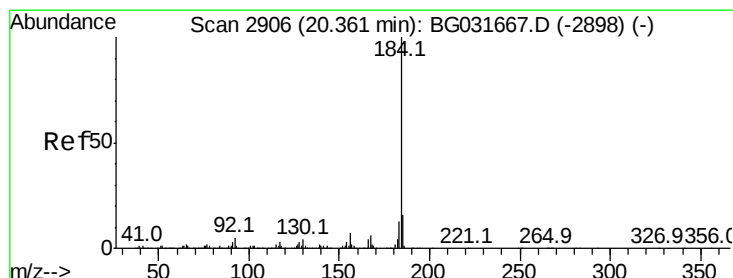
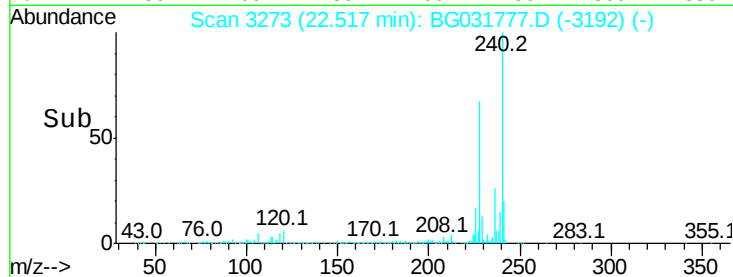
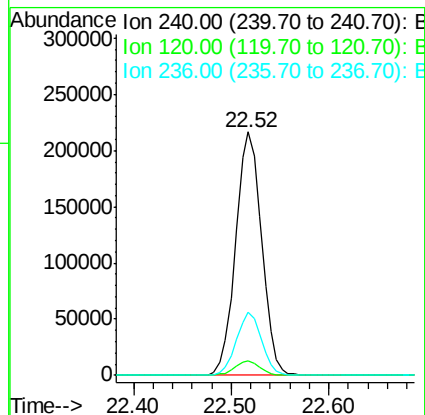
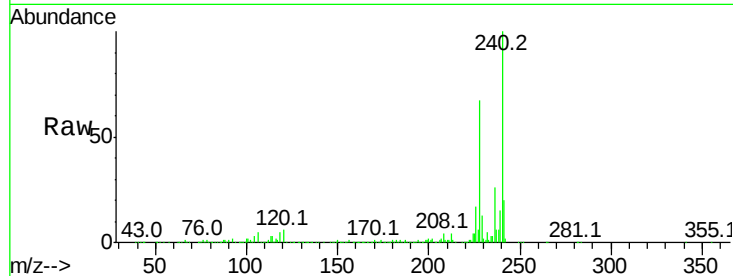
240 100

120 6.0 6.8 10.2#

236 25.9 20.9 31.3

Manual Integrations
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12/27/2017 1:56:52 PM



#76

Benzidine

Concen: 22.739 ng

RT: 20.33 min Scan# 2900

Delta R.T. -0.04 min

Lab File: BG031777.D

Acq: 27 Dec 2017 1:32

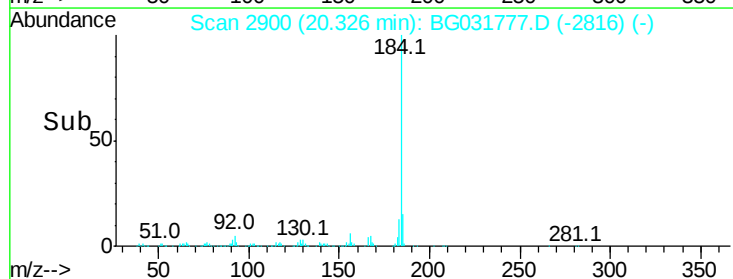
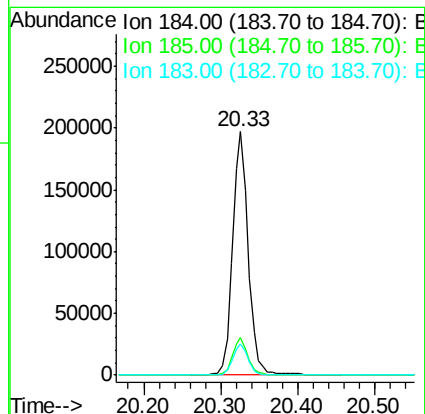
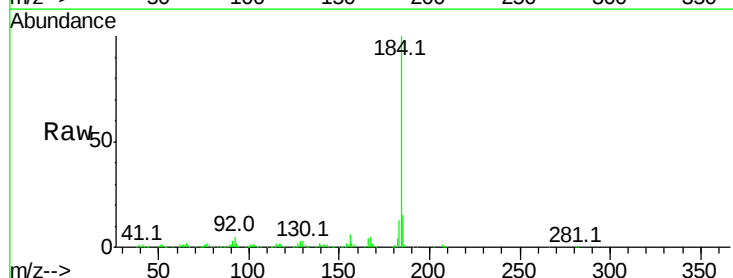
Tgt Ion:184 Resp: 281111

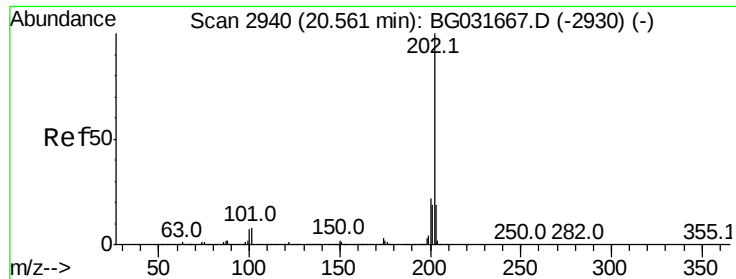
Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

183 12.7 10.6 16.0





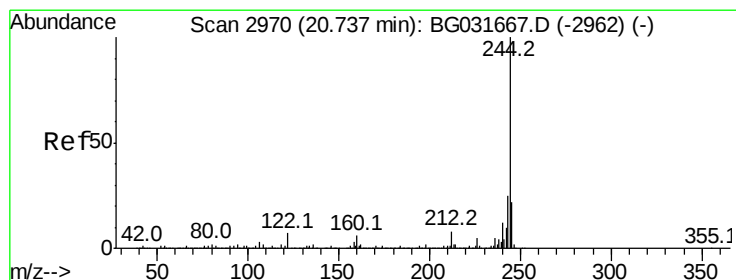
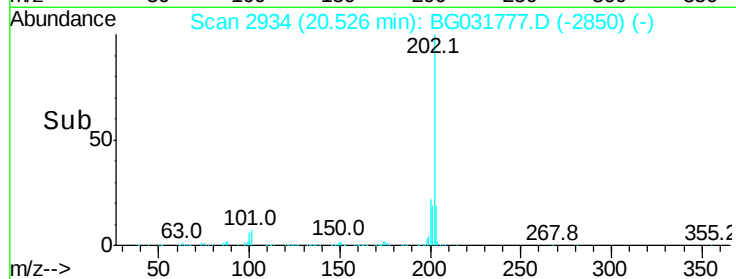
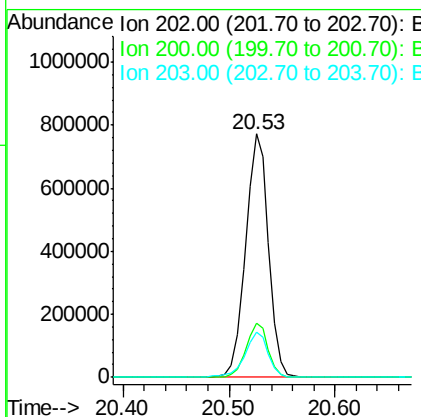
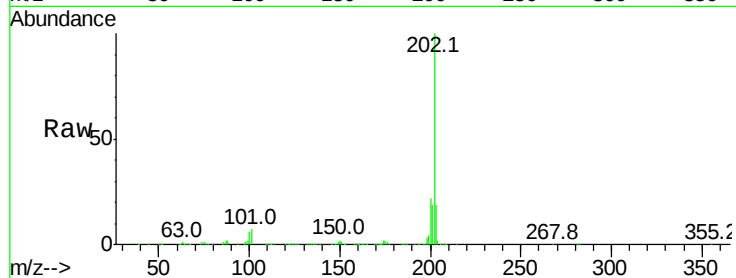
#77
Pvrene
Concen: 45.233 ng
RT: 20.53 min Scan# 2934
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion:202 Resp: 1157262
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 18.7 13.9 20.9

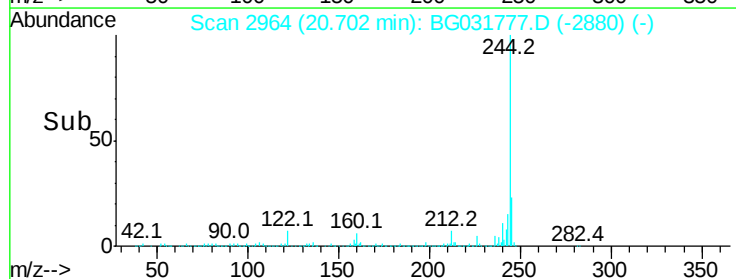
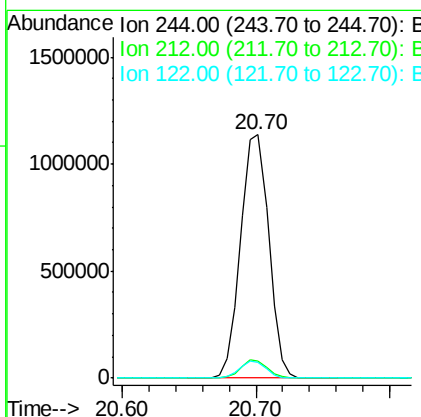
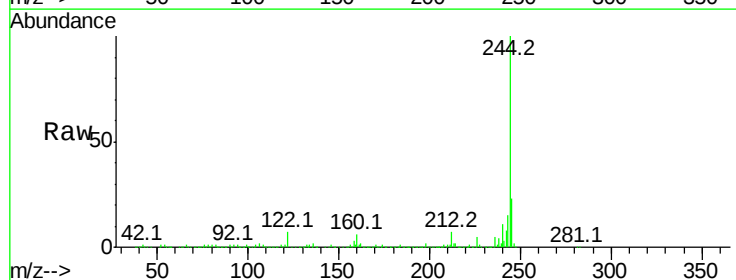
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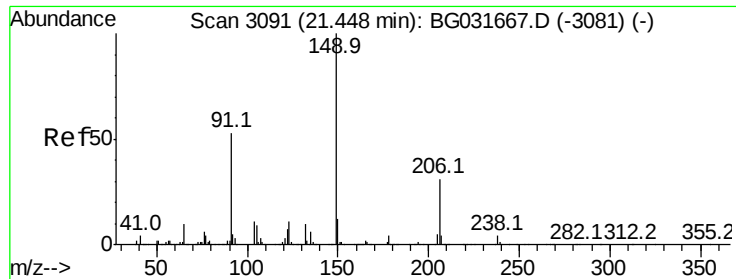
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#78
Terphenyl-d14
Concen: 94.623 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.04 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion:244 Resp: 1658858
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 6.7 7.0 10.4#





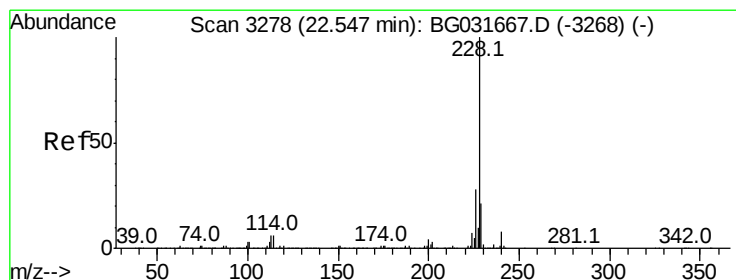
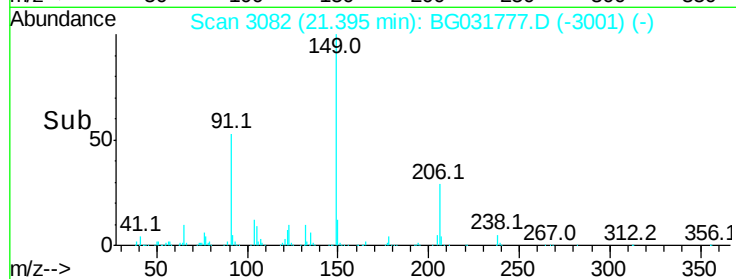
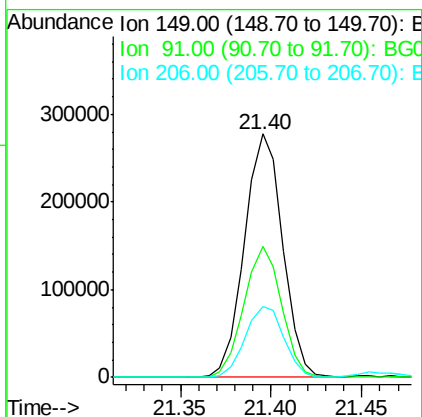
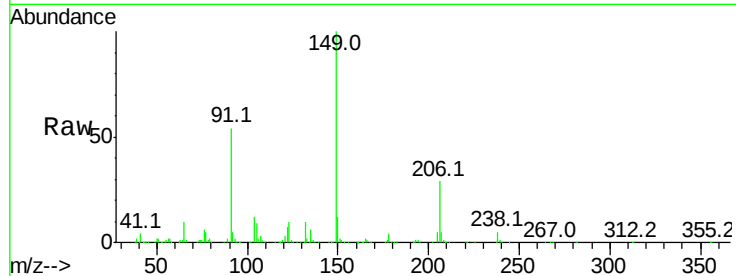
#79
Butylbenzylphthalate
Concen: 47.290 ng
RT: 21.40 min Scan# 3082
Delta R.T. -0.05 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	53.6	62.2	93.2#
206	29.2	18.6	27.8#

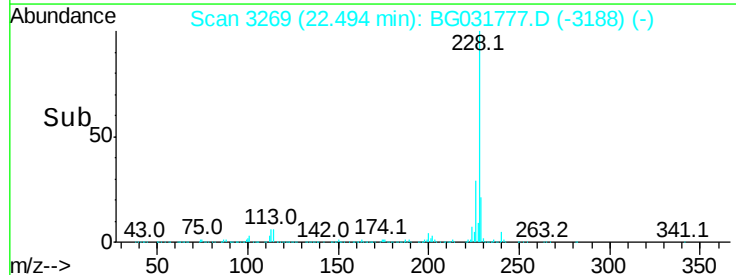
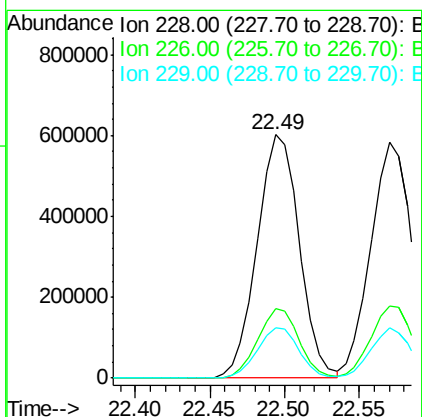
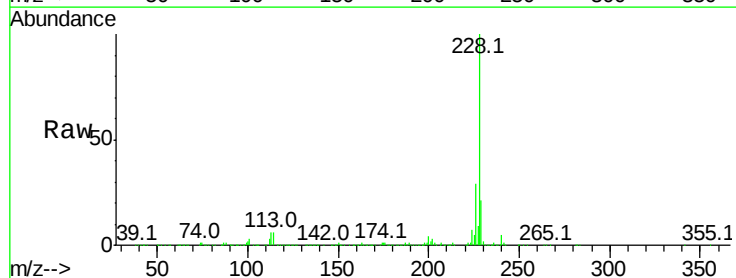
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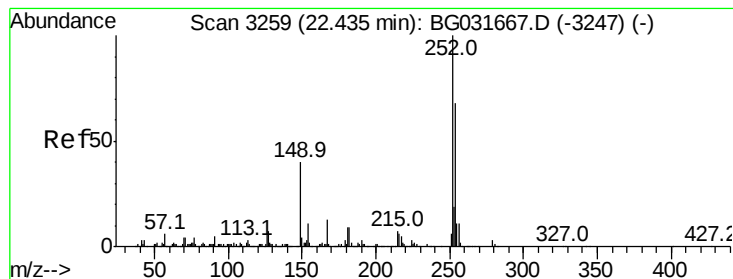
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#80
Benzo(a)anthracene
Concen: 46.309 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.05 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	20.9	16.2	24.2





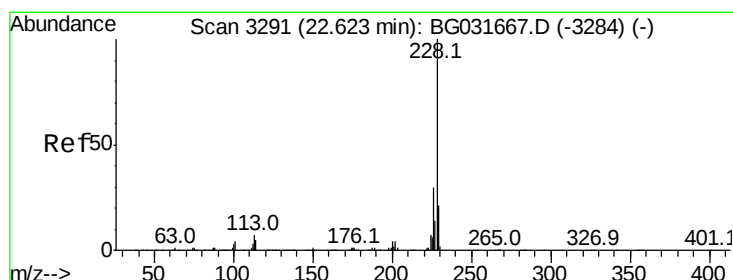
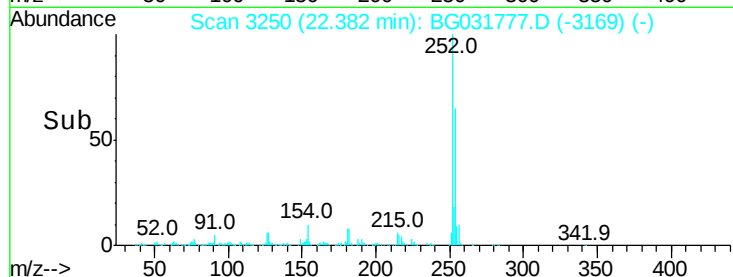
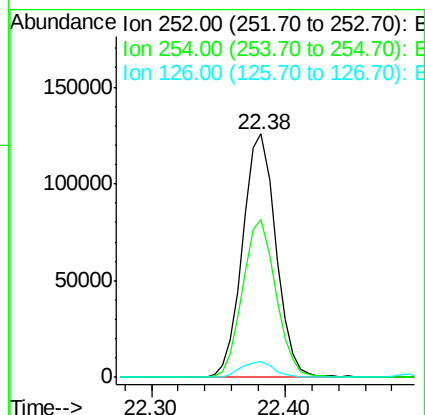
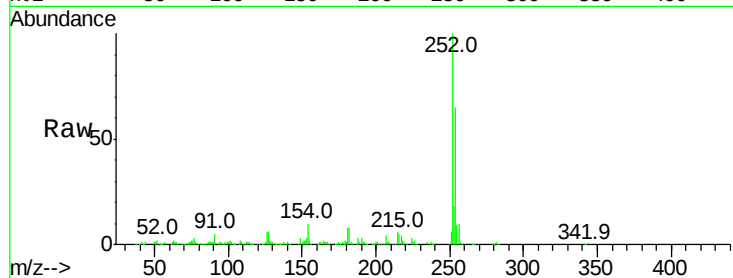
#81
 3,3'-Dichlorobenzidine
 Concen: 21.933 ng
 RT: 22.38 min Scan# 3250
 Delta R.T. -0.05 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.8	76.2
126	6.4	7.4	11.2

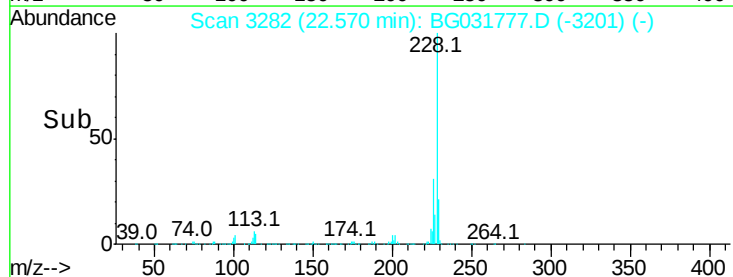
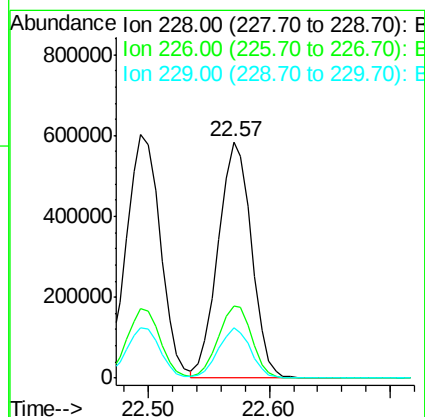
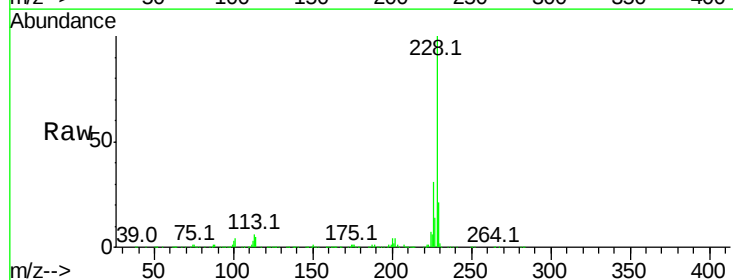
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#82
 Chrysene
 Concen: 46.082 ng
 RT: 22.57 min Scan# 3282
 Delta R.T. -0.05 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.1	15.0	22.4





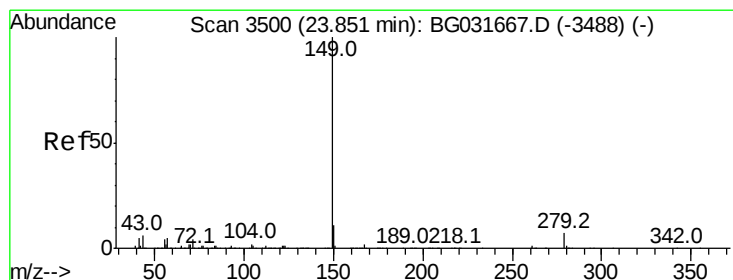
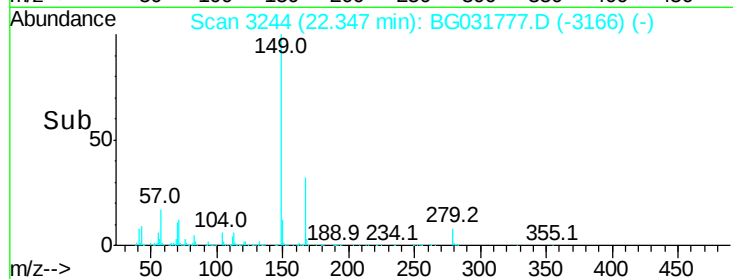
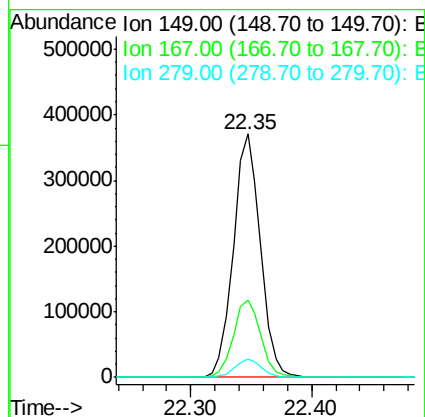
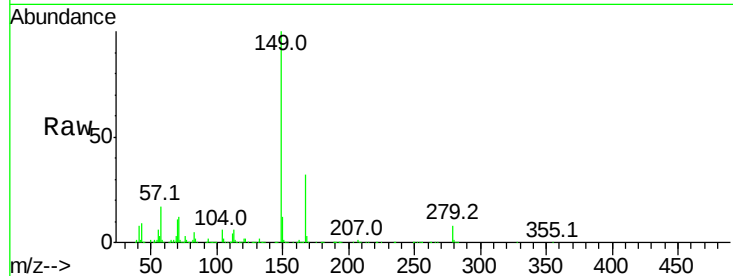
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.346 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.07 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.3	36.5
279	7.6	4.0	6.0

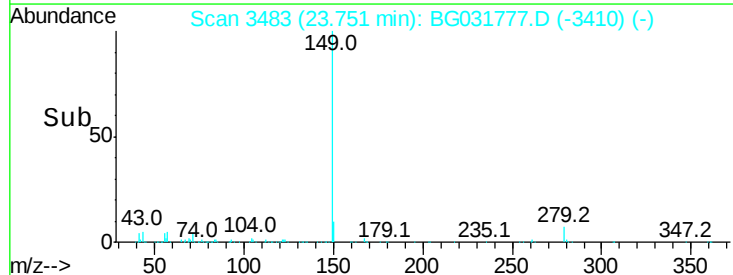
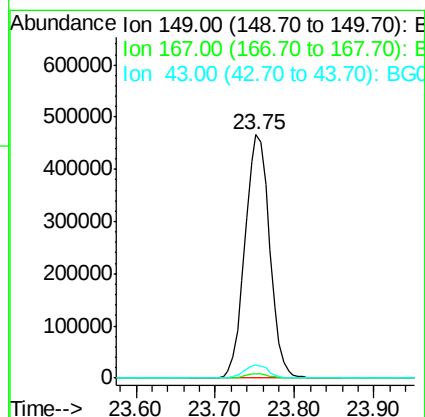
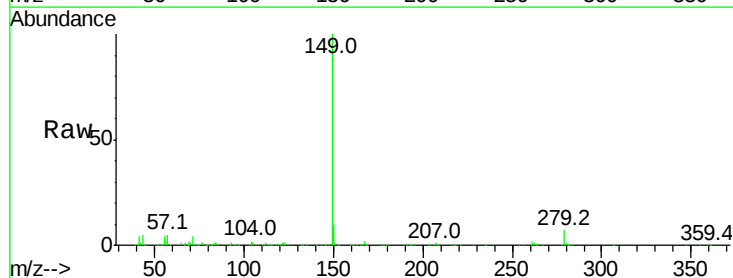
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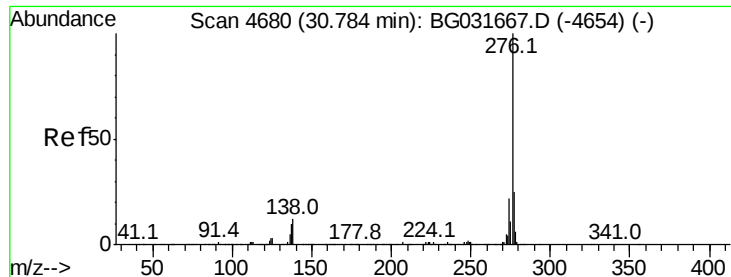
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#84
 Di-n-octyl phthalate
 Concen: 48.119 ng
 RT: 23.75 min Scan# 3483
 Delta R.T. -0.10 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	5.4	8.9	13.3





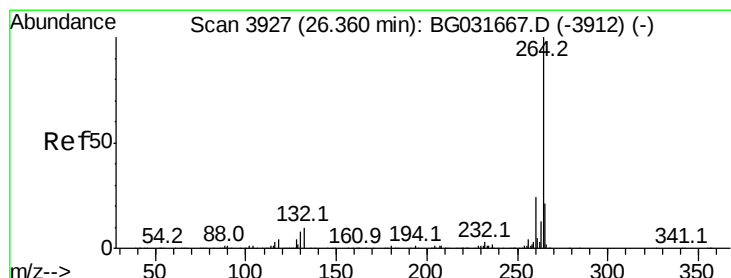
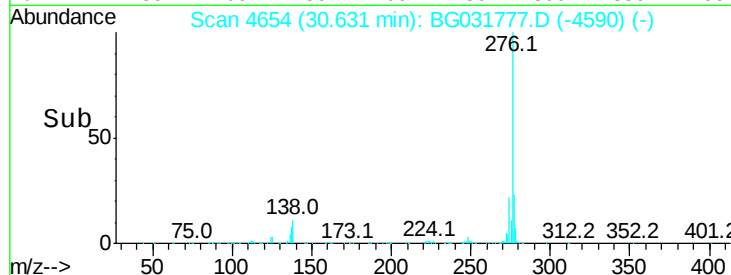
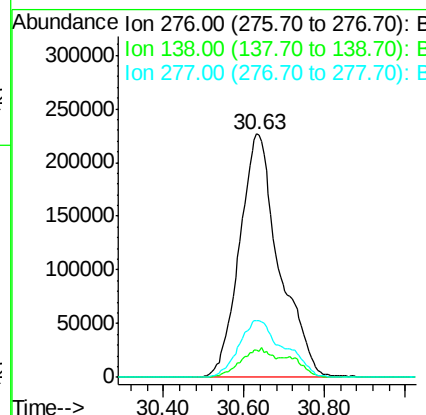
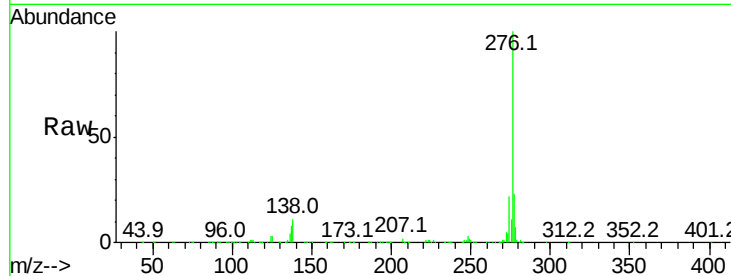
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.160 ng
 RT: 30.63 min Scan# 4654
 Delta R.T. -0.15 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion:276 Resp: 1551268
 Ion Ratio Lower Upper
 276 100
 138 9.7 16.0 24.0#
 277 26.6 20.0 30.0

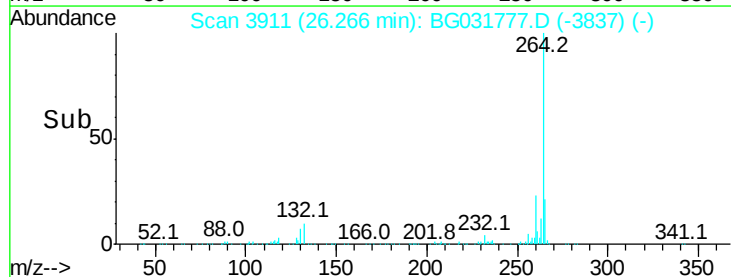
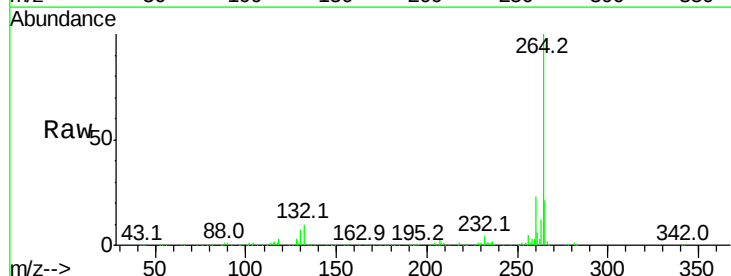
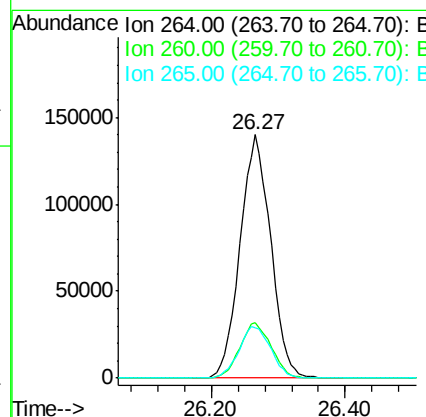
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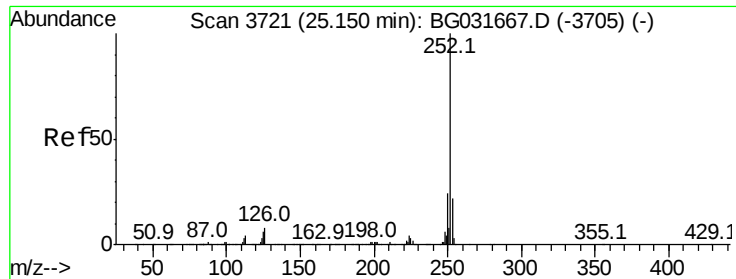
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Tgt Ion:264 Resp: 442954
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.4 26.0
 265 20.9 17.7 26.5





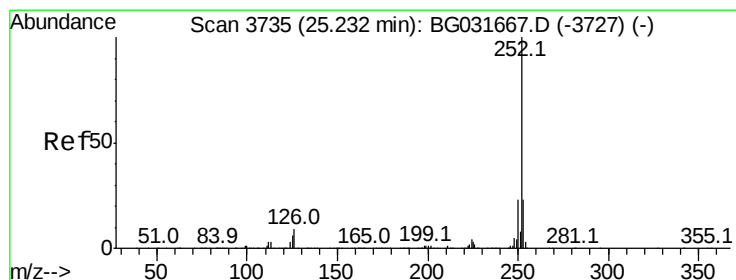
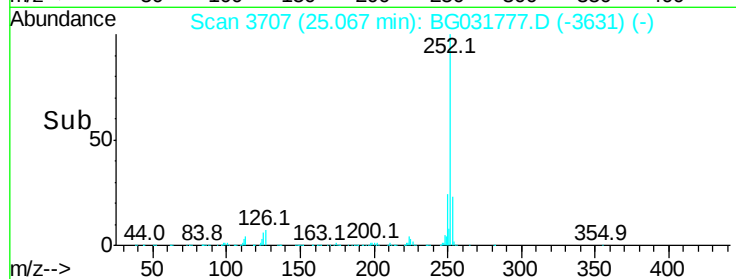
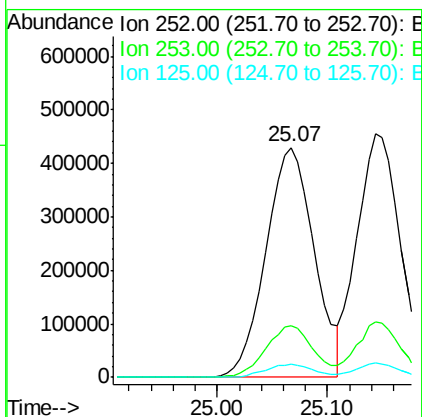
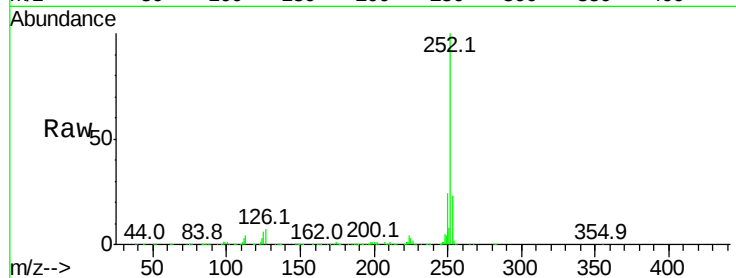
#87
Benzo(b)fluoranthene
Concen: 47.455 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.08 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	5.8	7.2	10.8

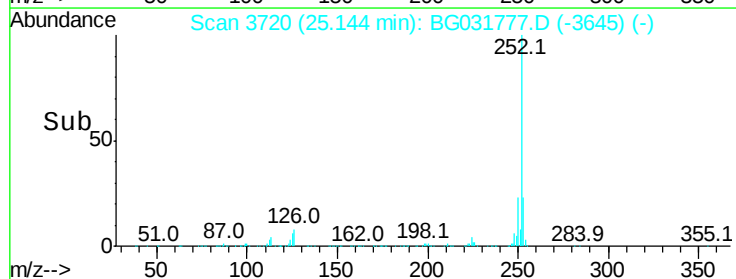
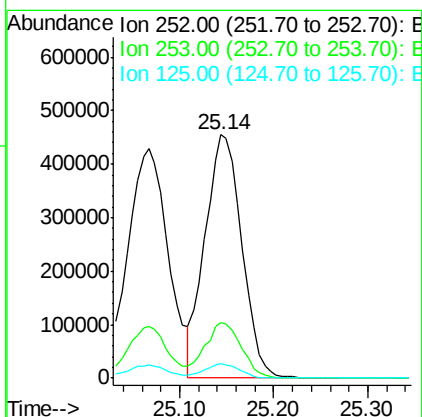
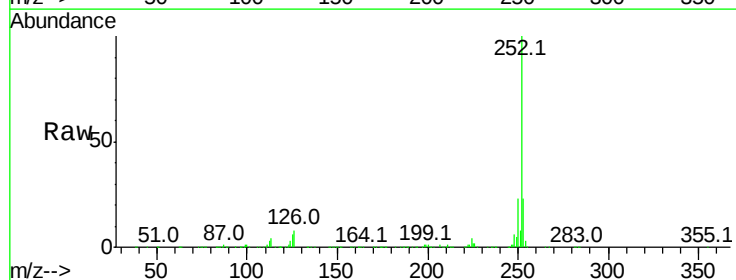
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#88
Benzo(k)fluoranthene
Concen: 44.965 ng
RT: 25.14 min Scan# 3720
Delta R.T. -0.09 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	5.9	6.6	9.8





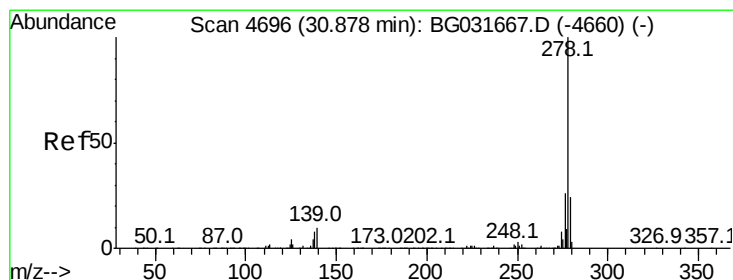
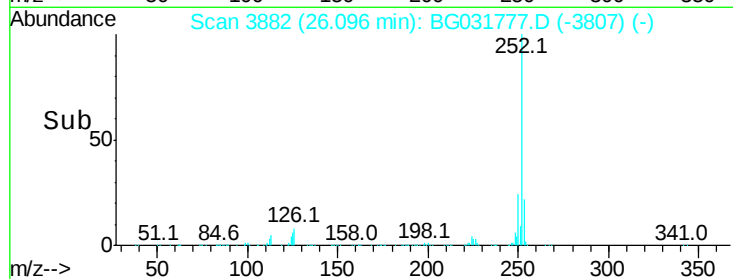
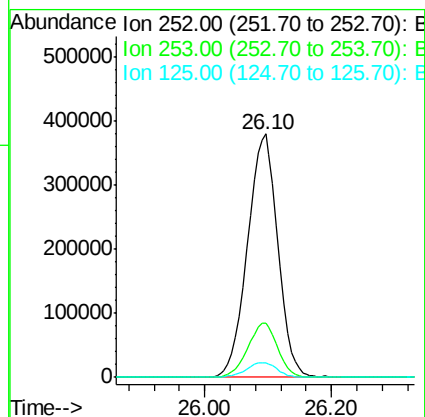
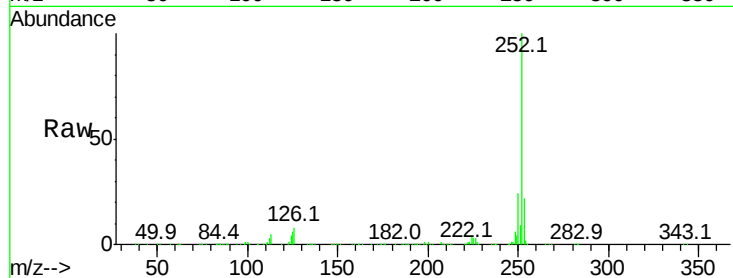
#89
Benzo(a)pyrene
Concen: 47.871 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.09 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	6.0	7.3	10.9#

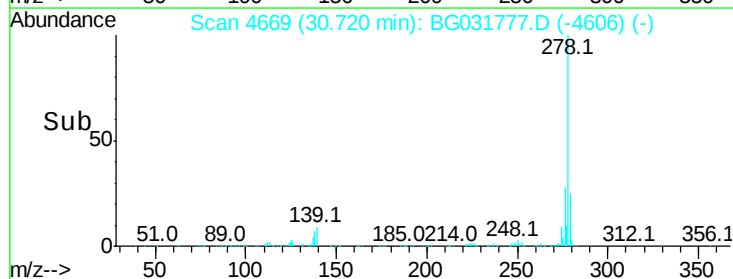
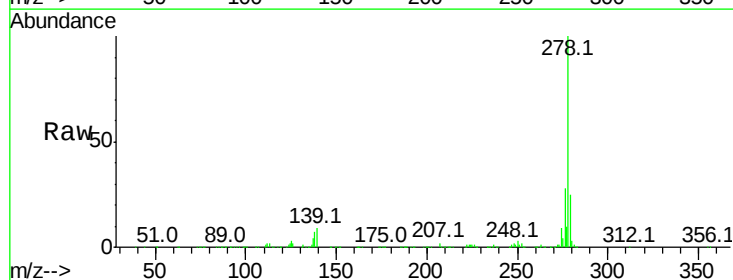
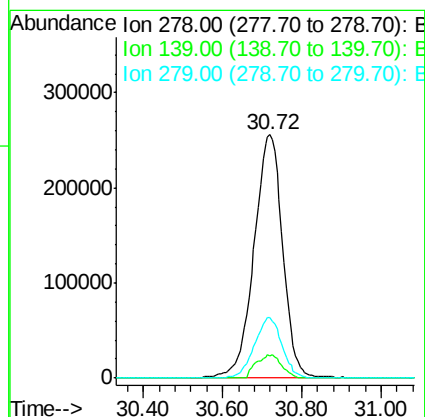
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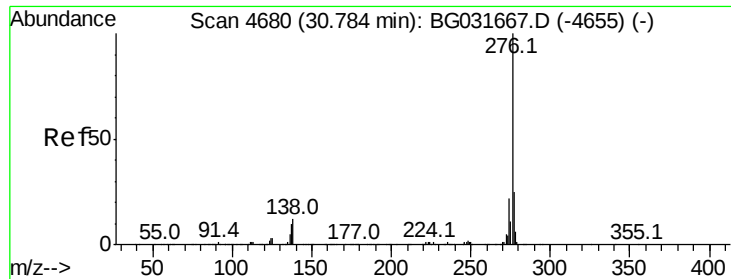
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#90
Dibenzo(a,h)anthracene
Concen: 47.400 ng
RT: 30.72 min Scan# 4669
Delta R.T. -0.16 min
Lab File: BG031777.D
Acq: 27 Dec 2017 1:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.8	14.6#
279	24.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.311 ng
 RT: 30.63 min Scan# 4654
 Delta R.T. -0.15 min
 Lab File: BG031777.D
 Acq: 27 Dec 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	11.1	13.9	20.9

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