

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031014.D
 Acq On : 15 Nov 2017 14:18
 Operator : SJ/JU
 Sample : PB104186BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Manual Integrations
 APPROVED

SOHIL
 11/16/2017 6:29:29 PM

Quant Time: Nov 15 15:48:39 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	28764	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	117606	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	86298	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	244384	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	378684	20.00	ng	-0.01
86) Perylene-d12	25.07	264	393533	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	225919	134.68	ng	0.00
7) Phenol-d6	7.31	99	286585	126.81	ng	0.00
23) Nitrobenzene-d5	9.31	82	171637	86.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	229944	164.71	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	581418	96.81	ng	-0.02
78) Terphenyl-d14	20.09	244	1403717	81.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	20732	30.456	ng	# 84
3) Pyridine	3.96	79	63291	32.026	ng	90
4) n-Nitrosodimethylamine	3.87	42	36113	38.557	ng	# 95
6) Aniline	7.46	93	46584	15.663	ng	95
8) 2-Chlorophenol	7.71	128	87201	47.106	ng	87
9) Benzaldehyde	7.28	77	31751	20.078	ng	88
10) Phenol	7.34	94	103631	44.157	ng	99
11) bis(2-Chloroethyl)ether	7.55	93	70905	37.839	ng	87
12) 1,3-Dichlorobenzene	8.03	146	98451	45.330	ng	96
13) 1,4-Dichlorobenzene	8.18	146	100364	45.602	ng	93
14) 1,2-Dichlorobenzene	8.50	146	96218	45.549	ng	97
15) Benzyl Alcohol	8.38	79	75312	41.547	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.66	45	88992	42.995	ng	81
17) 2-Methylphenol	8.59	107	71024	43.459	ng	91
18) Hexachloroethane	9.23	117	33350	43.538	ng	# 73
19) n-Nitroso-di-n-propylamine	8.94	70	59828	34.819	ng	# 91
20) 3+4-Methylphenols	8.92	107	96154	41.377	ng	92
22) Acetophenone	8.96	105	122217	41.737	ng	# 92
24) Nitrobenzene	9.35	77	91680	45.221	ng	# 88
25) Isophorone	9.87	82	164847	42.588	ng	# 90
26) 2-Nitrophenol	10.06	139	51229	48.477	ng	89
27) 2,4-Dimethylphenol	10.12	122	83204	53.035	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	99779	40.929	ng	# 95
29) 2,4-Dichlorophenol	10.61	162	107155	56.879	ng	89
30) 1,2,4-Trichlorobenzene	10.81	180	122303	54.376	ng	95
31) Naphthalene	11.00	128	259348	44.859	ng	99
32) Benzoic acid	10.26	122	37530m	30.996	ng	
33) 4-Chloroaniline	11.12	127	24722	9.768	ng	# 93
34) Hexachlorobutadiene	11.28	225	86073	55.180	ng	95
35) Caprolactam	11.88	113	34314m	44.587	ng	
36) 4-Chloro-3-methylphenol	12.24	107	100498	49.014	ng	# 86
37) 2-Methylnaphthalene	12.60	142	219145	49.102	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	166159	48.512	ng	# 95
40) Hexachlorocyclopentadiene	12.94	237	144534	109.555	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	106372	54.326	ng	96
43) 2,4,5-Trichlorophenol	13.29	196	113288	52.881	ng #	90
45) 1,1'-Biphenyl	13.59	154	304070	42.491	ng	96
46) 2-Chloronaphthalene	13.65	162	250285	48.475	ng	95
47) 2-Nitroaniline	13.84	65	63600	41.559	ng #	82
48) Acenaphthylene	14.49	152	371671	43.981	ng	99
49) Dimethylphthalate	14.20	163	345116	46.252	ng #	99
50) 2,6-Dinitrotoluene	14.33	165	77477	50.377	ng #	72
51) Acenaphthene	14.82	154	237392	44.980	ng	100
52) 3-Nitroaniline	14.67	138	22481	13.766	ng #	69
53) 2,4-Dinitrophenol	14.88	184	79037	92.429	ng #	50
54) Dibenzofuran	15.16	168	402164	47.840	ng	100
55) 4-Nitrophenol	14.99	139	116291	99.969	ng #	82
56) 2,4-Dinitrotoluene	15.12	165	116875	52.566	ng #	69
57) Fluorene	15.80	166	328818	48.179	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	127043	62.221	ng #	83
59) Diethylphthalate	15.56	149	340371	44.907	ng	97
60) 4-Chlorophenyl-phenylether	15.78	204	210829	51.149	ng	91
61) 4-Nitroaniline	15.83	138	78709	45.517	ng	90
62) Azobenzene	16.08	77	237401	41.070	ng	90
64) 4,6-Dinitro-2-methylphenol	15.89	198	71002	43.710	ng #	69
65) n-Nitrosodiphenylamine	16.00	169	311332	42.041	ng	98
66) 4-Bromophenyl-phenylether	16.68	248	154264	49.839	ng	96
67) Hexachlorobenzene	16.81	284	166571	50.648	ng #	86
68) Atrazine	16.94	200	140526	45.992	ng	94
69) Pentachlorophenol	17.15	266	177569	97.674	ng	98
70) Phenanthrene	17.54	178	603574	47.435	ng	99
71) Anthracene	17.64	178	630385	49.443	ng	99
72) Carbazole	17.90	167	583320	48.828	ng	99
73) Di-n-butylphthalate	18.44	149	634416	43.251	ng	99
74) Fluoranthene	19.54	202	918868	57.034	ng	96
76) Benzidine	19.72	184	307352	25.267	ng	99
77) Pyrene	19.90	202	953258	42.422	ng	99
79) Butylbenzylphthalate	20.77	149	350204	39.087	ng #	77
80) Benzo(a)anthracene	21.75	228	1080700	45.944	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	229177	24.136	ng #	98
82) Chrysene	21.82	228	1007609	46.308	ng	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	503250	38.912	ng #	99
84) Di-n-octyl phthalate	22.86	149	855757	40.653	ng #	91
85) Indeno(1,2,3-cd)pyrene	28.85	276	1275915	48.235	ng #	91
87) Benzo(b)fluoranthene	24.02	252	1120370	47.065	ng #	96
88) Benzo(k)fluoranthene	24.09	252	1108808	46.993	ng #	95
89) Benzo(a)pyrene	24.92	252	1085791	48.014	ng #	96
90) Dibenzo(a,h)anthracene	28.91	278	1066491	46.140	ng #	96
91) Benzo(g,h,i)perylene	30.04	276	1066946	47.560	ng #	91

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

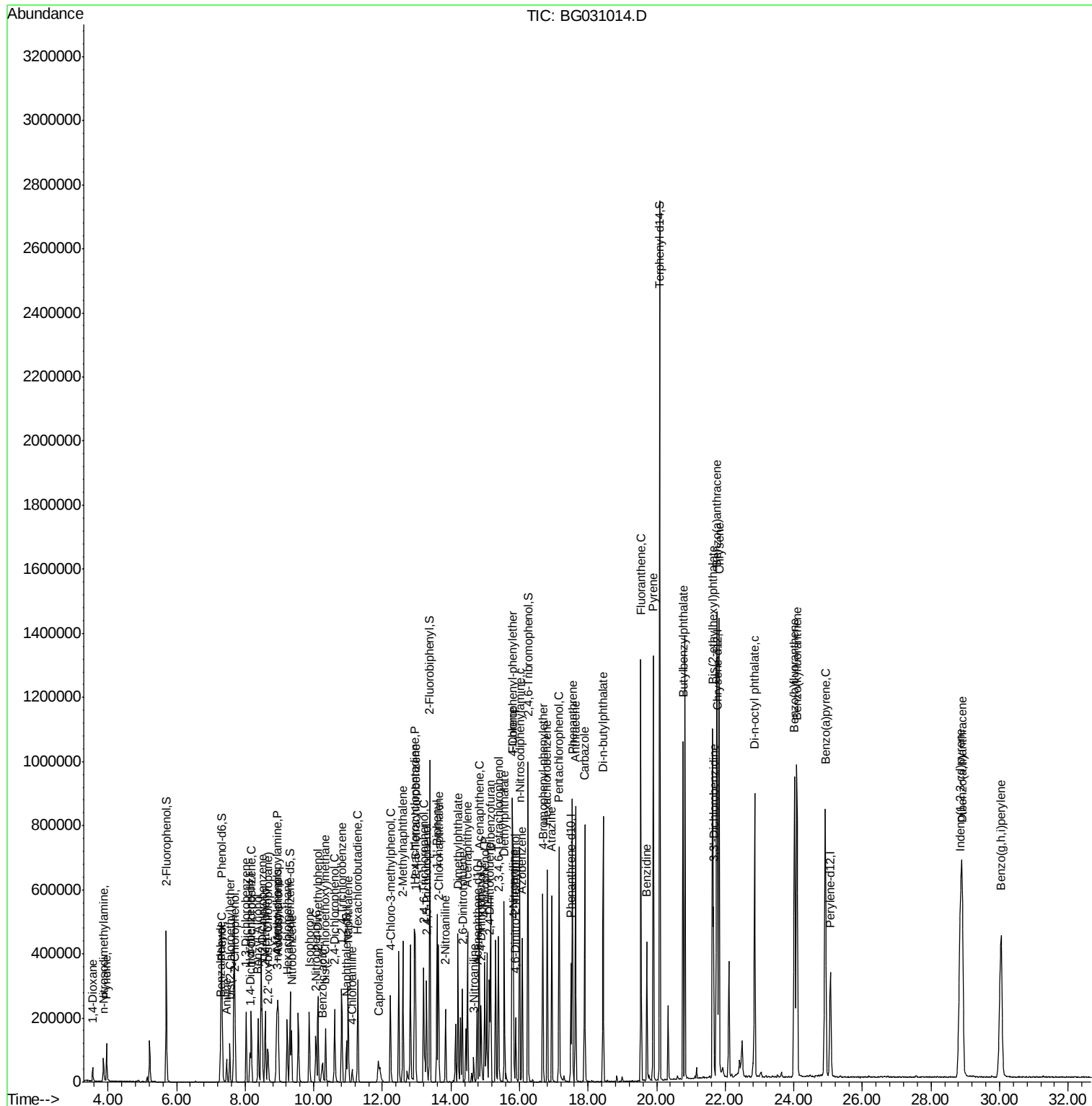
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Data File : BG031014.D  
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Operator  : SJ/JU  
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Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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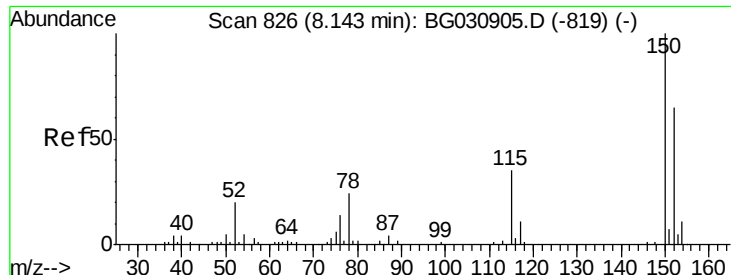
Instrument :
BNA_G
ClientSampleId :
PB104186BS

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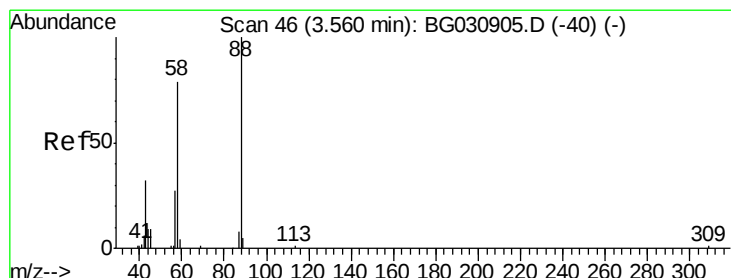
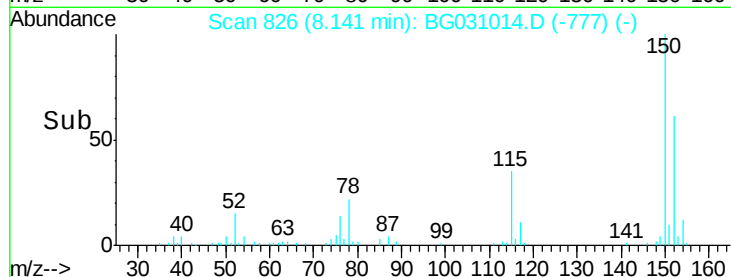
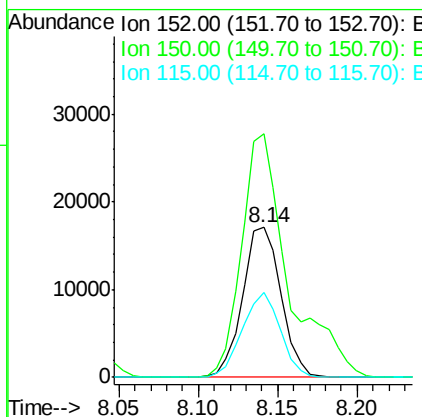
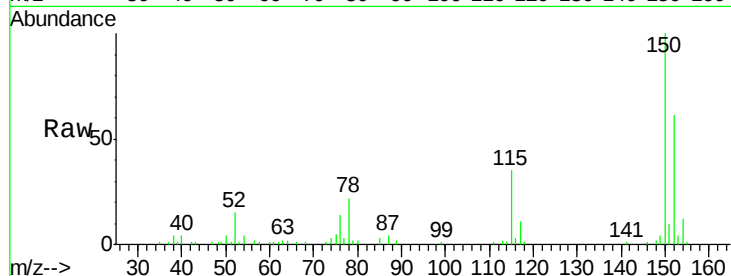
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	126.6	189.8
115	56.4	53.0	79.4

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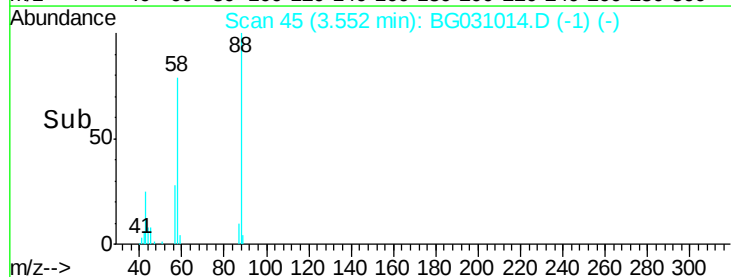
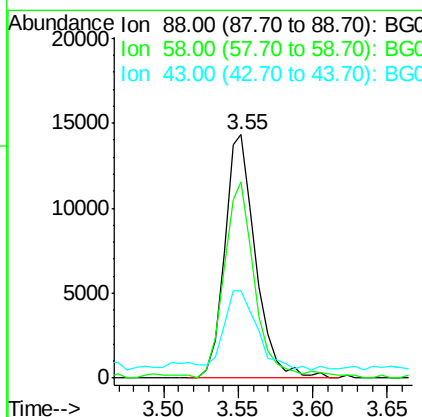
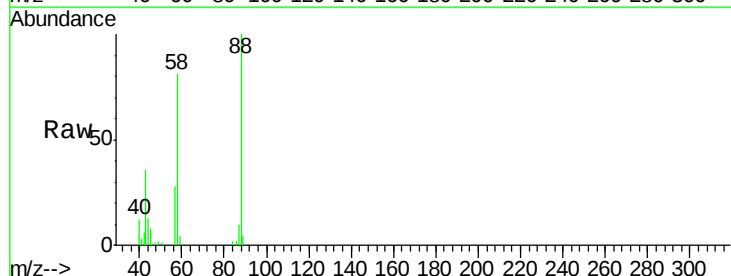
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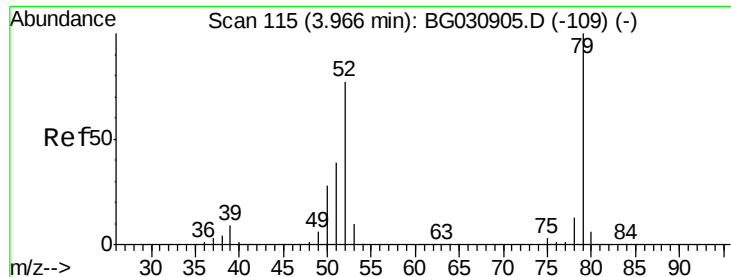


#2

1,4-Dioxane
Concen: 30.456 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	79.6	119.4#
43	34.7	27.4	41.0





#3

Pyridine

Concen: 32.026 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.02 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

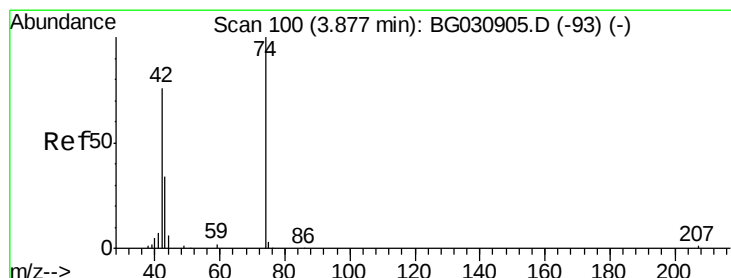
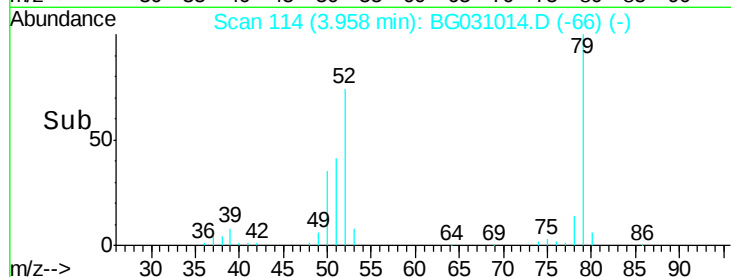
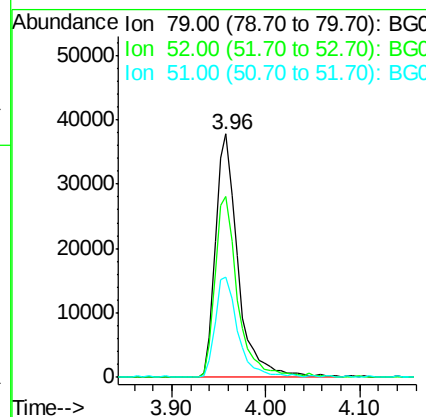
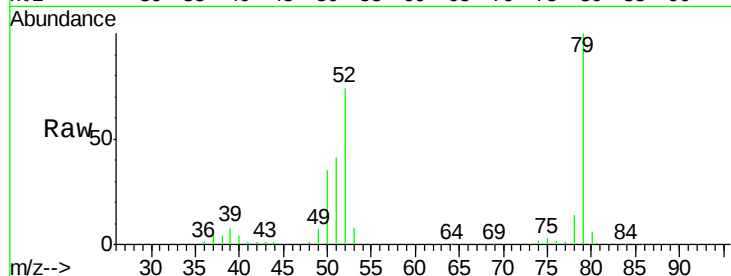
ClientSampleId :

PB104186BS

Tgt Ion:	79	Resp:	63291
Ion	Ratio	Lower	Upper
79	100		
52	74.4	69.9	104.9
51	41.0	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 38.557 ng

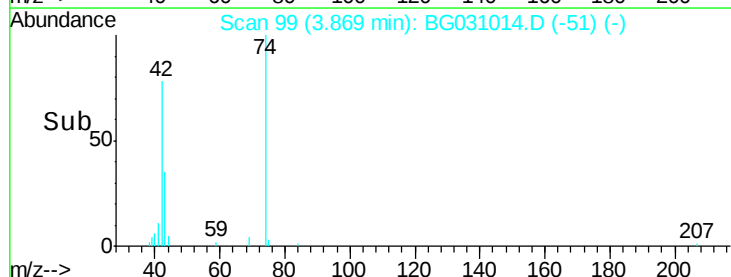
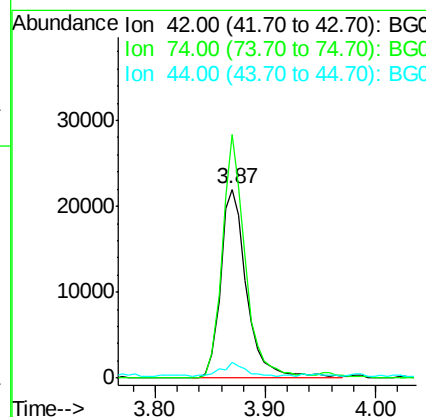
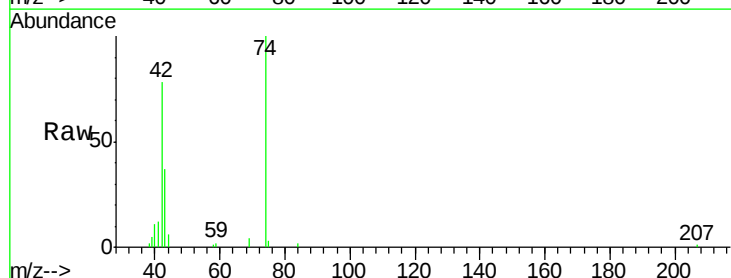
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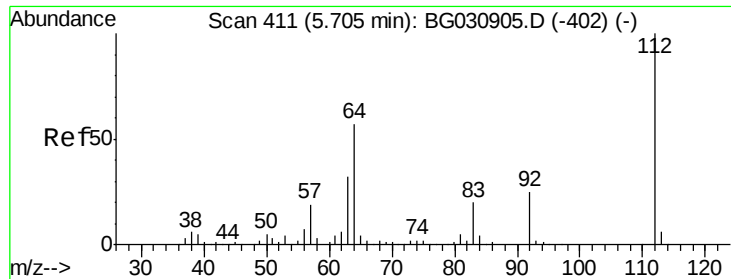
Delta R.T. -0.02 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	42	Resp:	36113
Ion	Ratio	Lower	Upper
42	100		
74	129.0	102.5	153.7
44	8.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 134.681 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

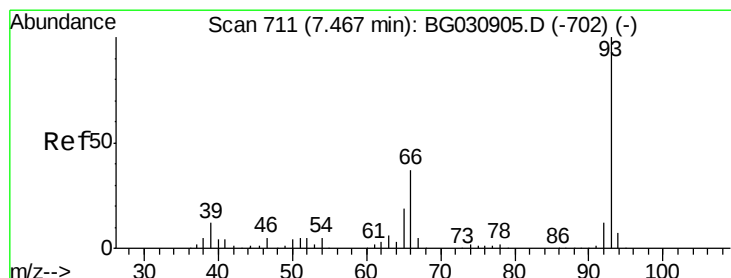
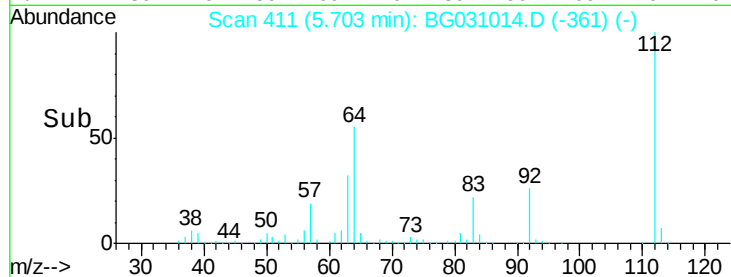
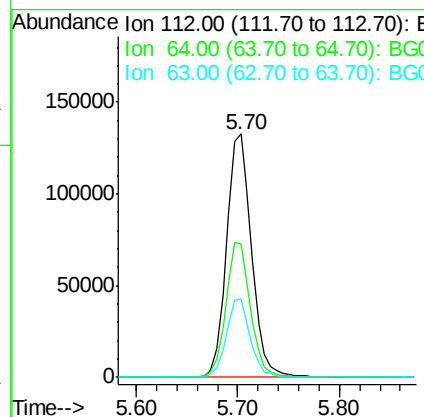
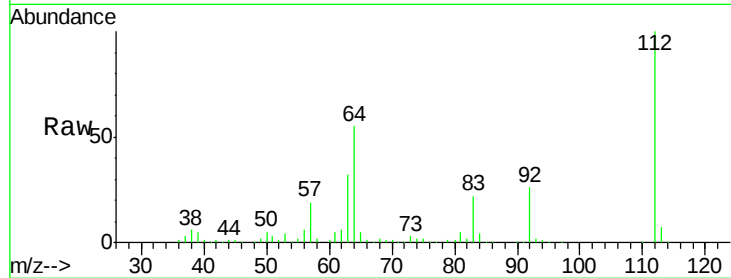
ClientSampleId :

PB104186BS

Tgt Ion:	112	Resp:	225919
Ion Ratio	Lower	Upper	
112	100		
64	55.1	56.3	84.5#
63	32.1	30.1	45.1

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#6

Aniline

Concen: 15.663 ng

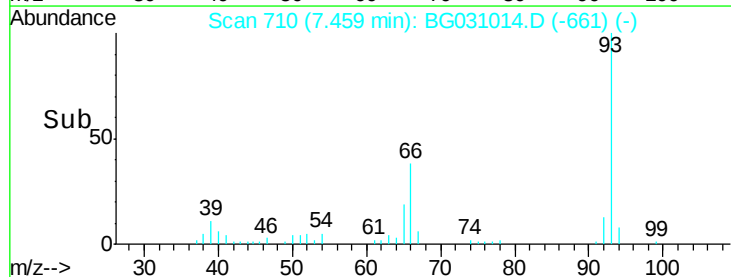
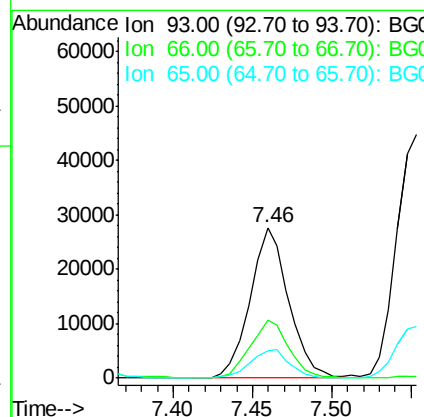
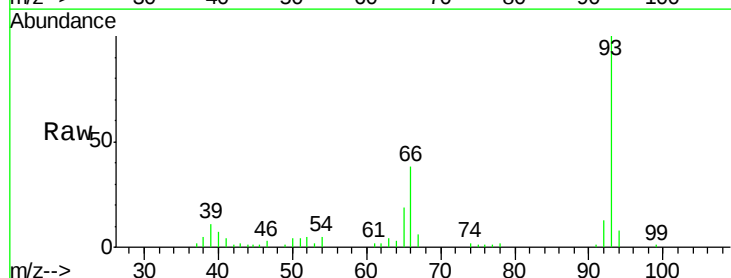
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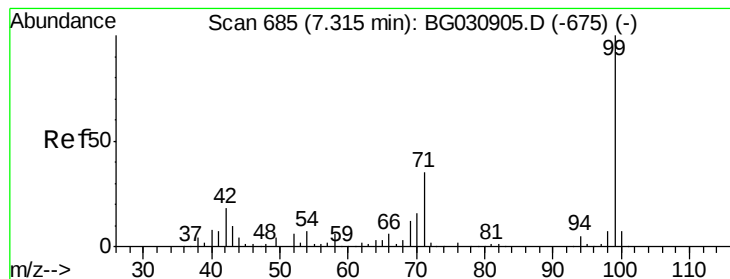
Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	93	Resp:	46584
Ion Ratio	Lower	Upper	
93	100		
66	38.2	33.7	50.5
65	18.5	16.1	24.1





#7

Phenol-d6

Concen: 126.815 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

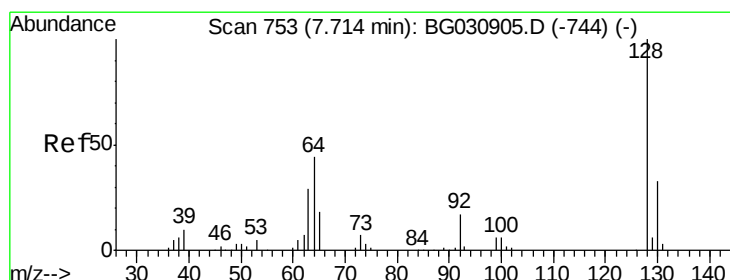
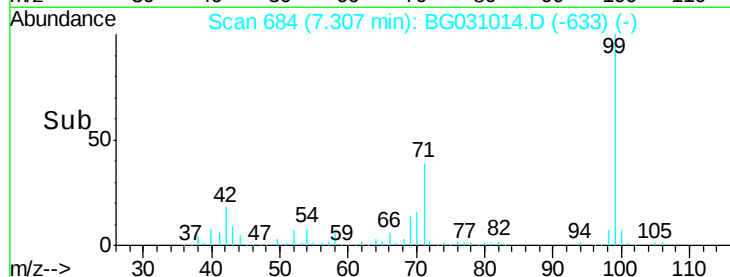
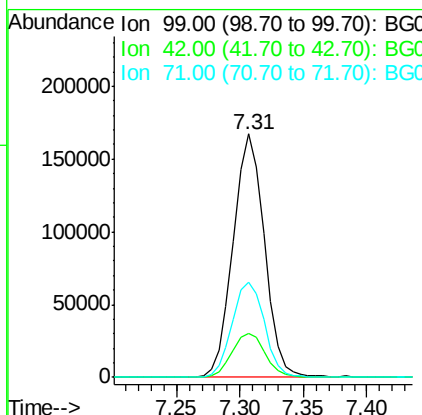
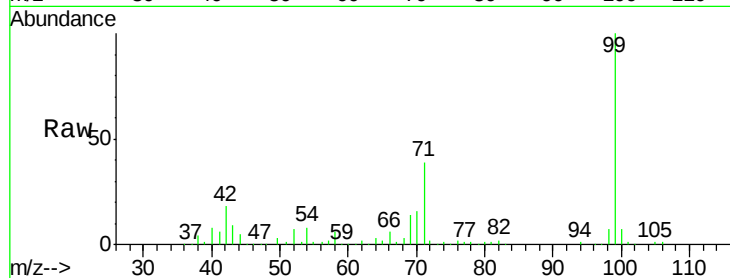
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PB104186BS

Tgt Ion:	99	Resp:	286585
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.1	21.1
71	39.1	26.1	39.1

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#8

2-Chlorophenol

Concen: 47.106 ng

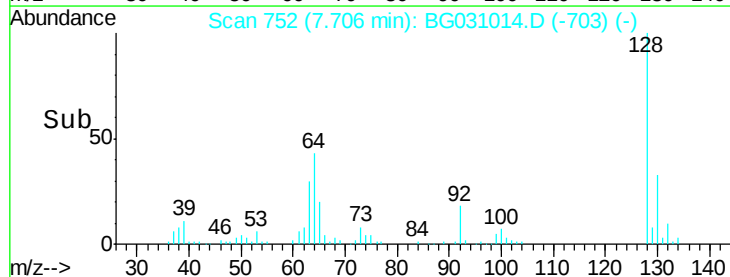
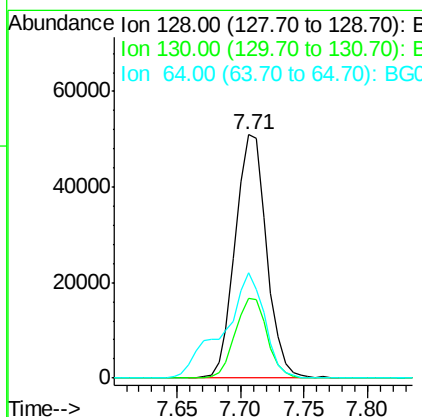
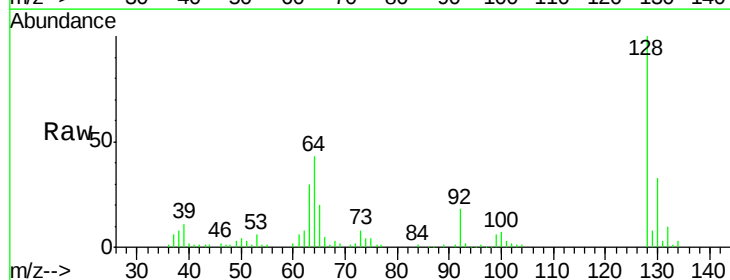
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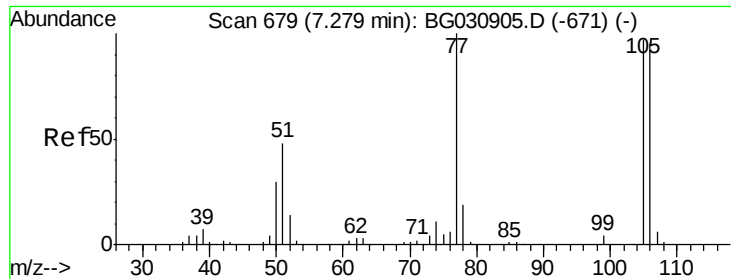
Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	128	Resp:	87201
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.0	54.0
64	43.1	37.7	77.7





#9

Benzaldehyde

Concen: 20.078 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

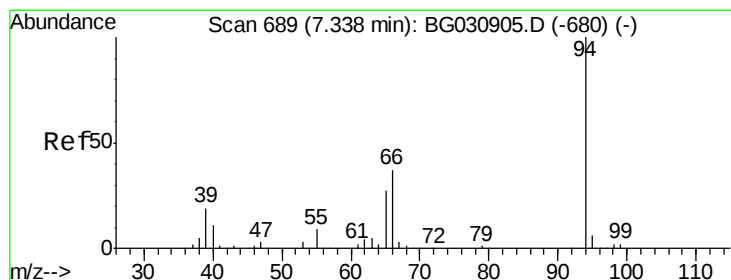
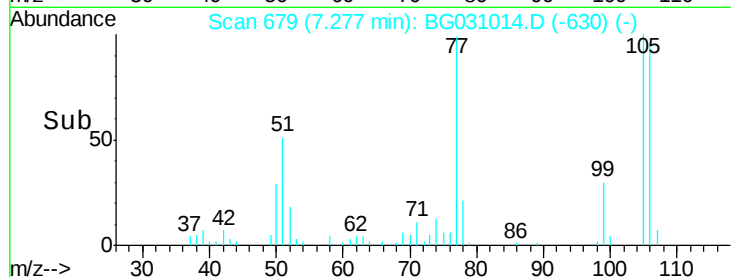
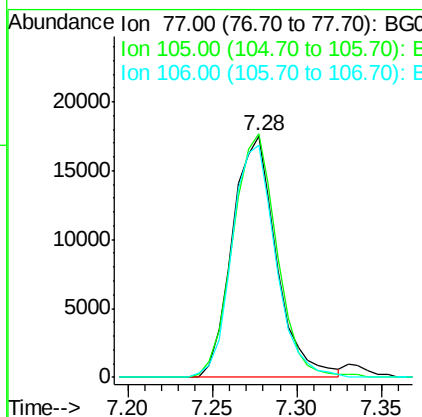
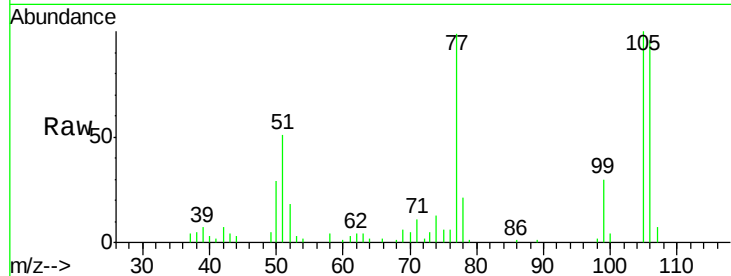
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Tgt Ion:	77	Resp:	31751
Ion	Ratio	Lower	Upper
77	100		
105	100.8	71.3	111.3
106	96.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 44.157 ng

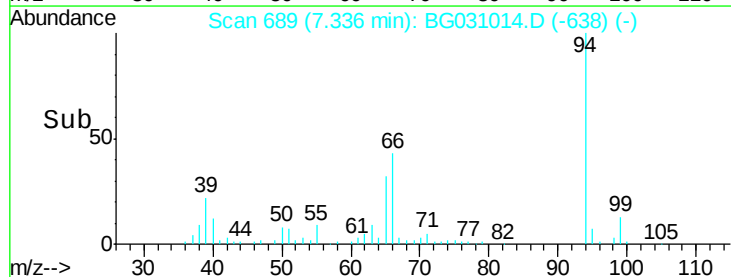
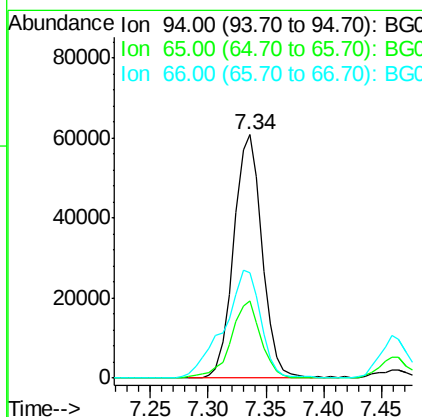
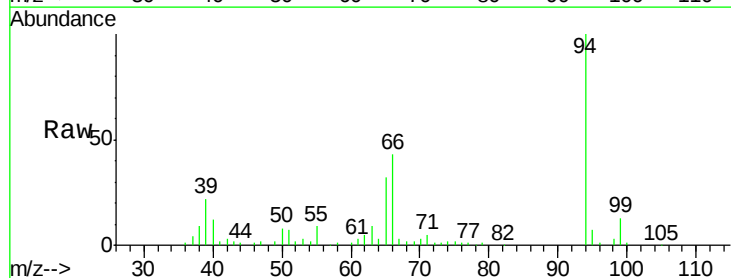
RT: 7.34 min Scan# 689

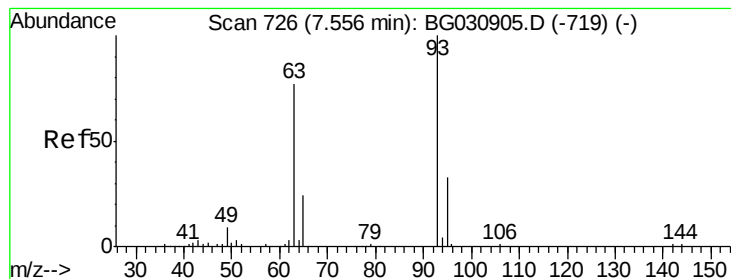
Delta R.T. -0.00 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	94	Resp:	103631
Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.9	51.9
66	43.4	22.2	62.2





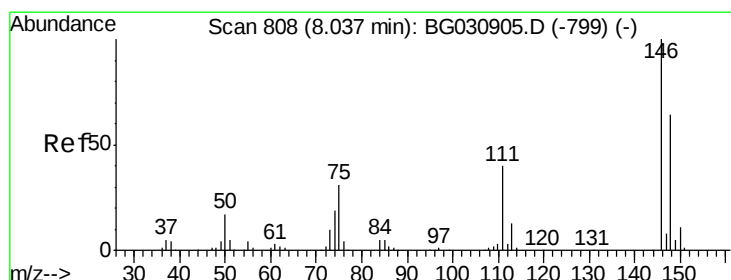
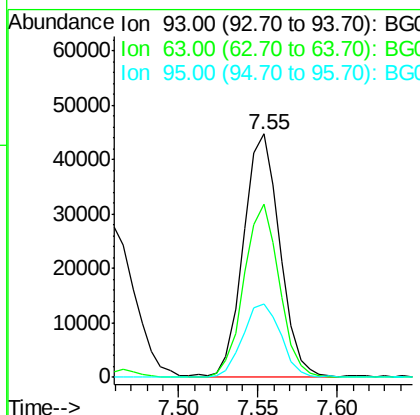
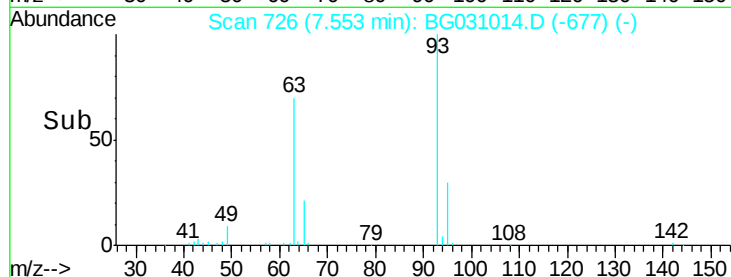
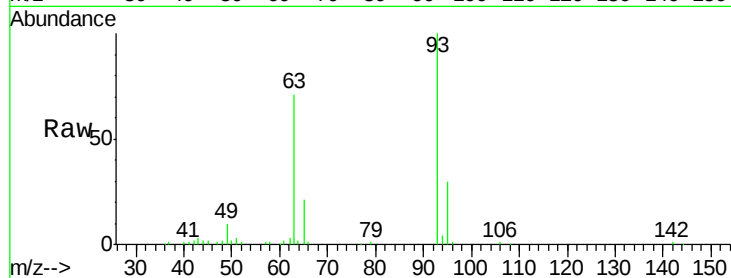
#11
 bis(2-Chloroethyl)ether
 Concen: 37.839 ng
 RT: 7.55 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.2	67.1	107.1
95	30.2	11.5	51.5

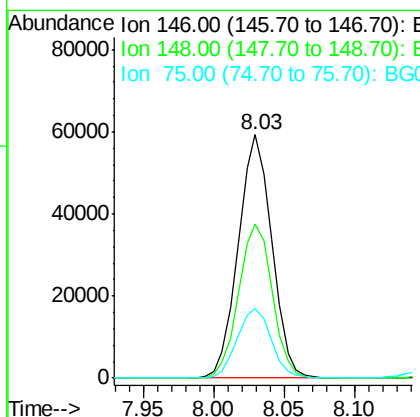
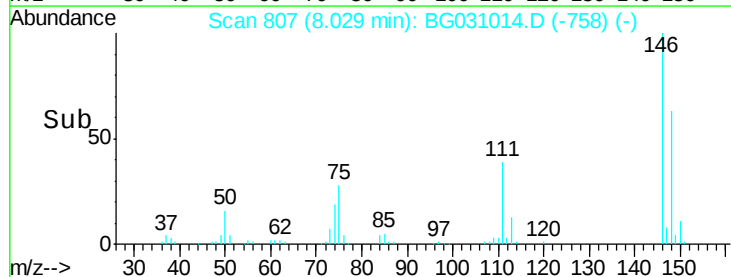
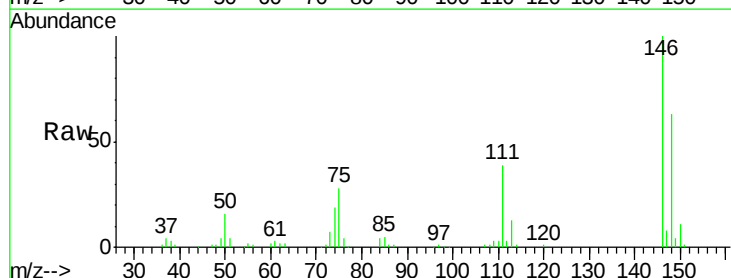
Manual Integrations
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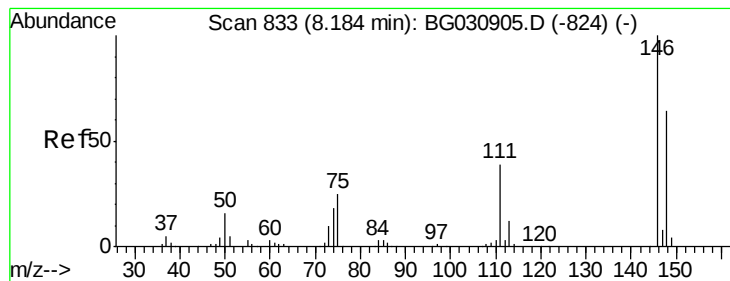
SOHIL
 11/16/2017 6:29:29 PM



#12
 1,3-Dichlorobenzene
 Concen: 45.330 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
75	28.5	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 45.602 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

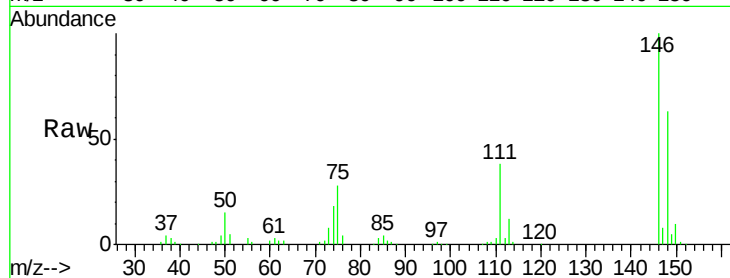
ClientSampleId :

PB104186BS

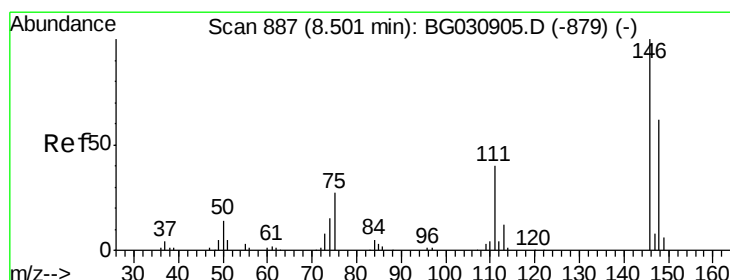
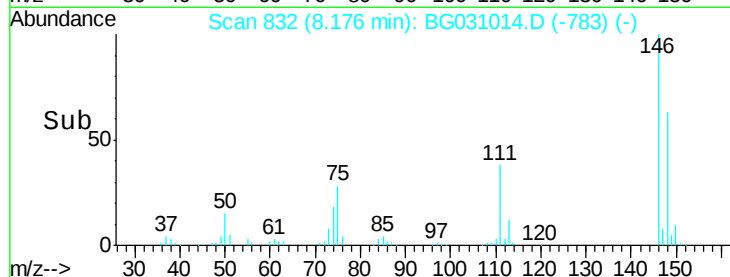
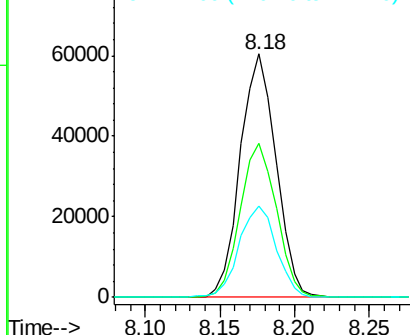
Tgt Ion:	146	Resp:	100364
Ion Ratio	Lower	Upper	
146	100		
148	63.4	53.7	80.5
111	37.8	35.2	52.8

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.549 ng

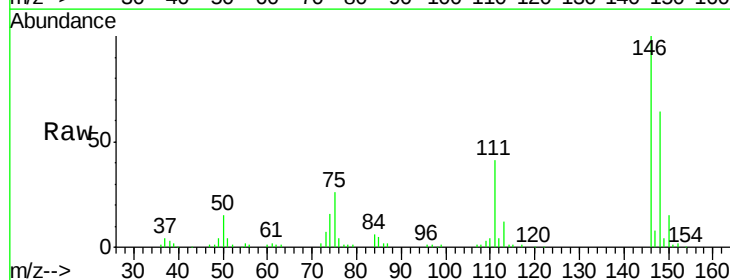
RT: 8.50 min Scan# 887

Delta R.T. -0.01 min

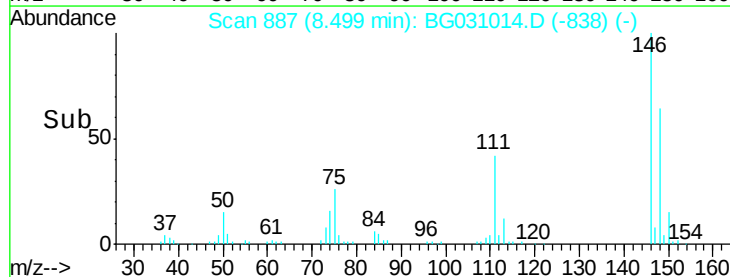
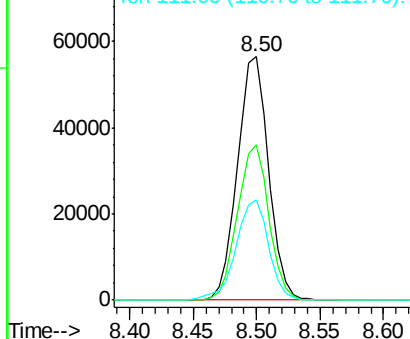
Lab File: BG031014.D

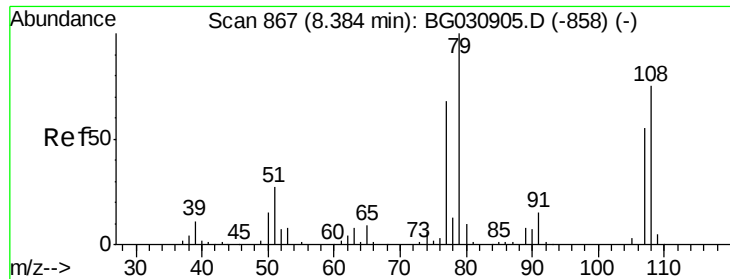
Acq: 15 Nov 2017 14:18

Tgt Ion:	146	Resp:	96218
Ion Ratio	Lower	Upper	
146	100		
148	63.9	49.3	73.9
111	41.4	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





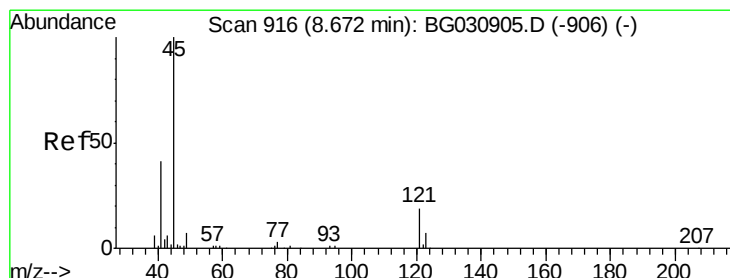
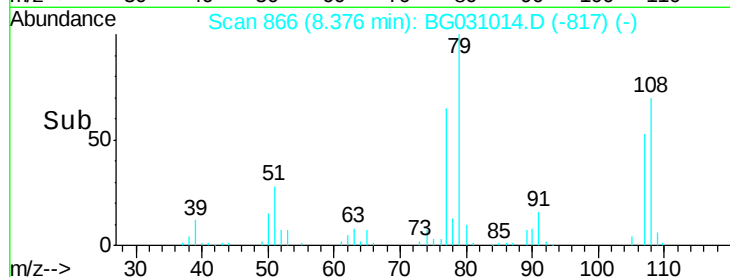
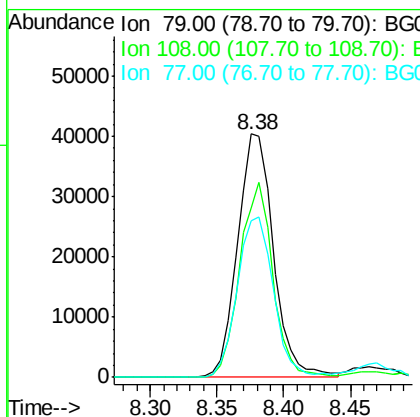
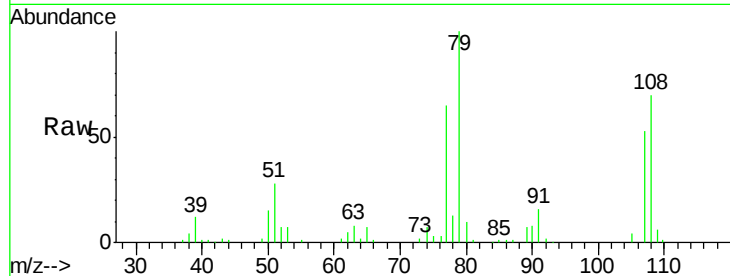
#15
Benzyl Alcohol
Concen: 41.547 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.5	57.2	85.8
77	64.5	46.1	69.1

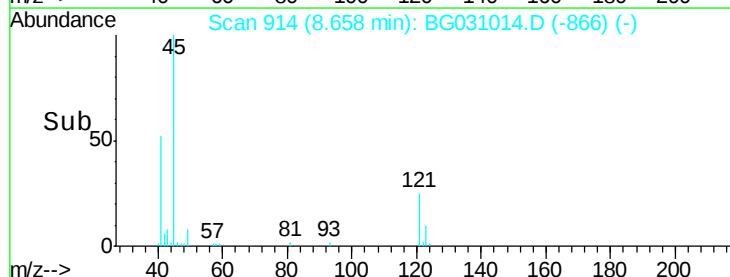
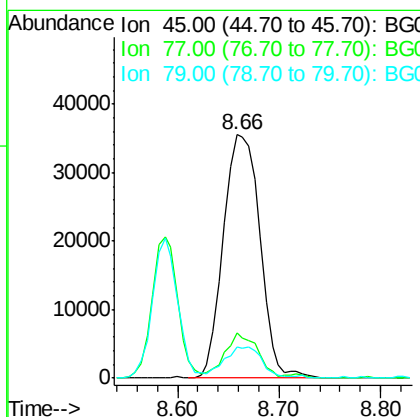
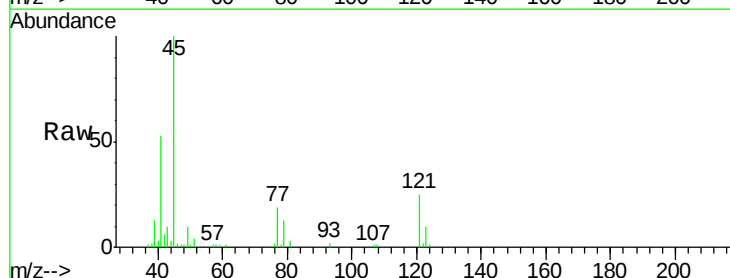
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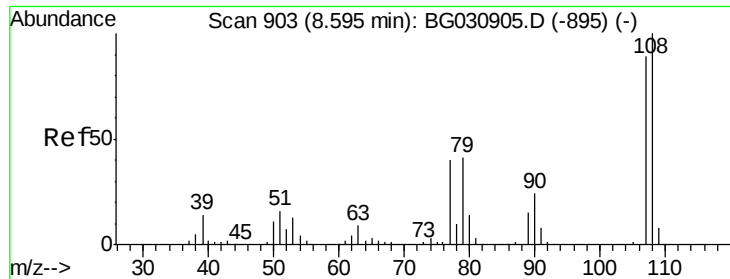
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.995 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	30.2
79	12.7	0.0	27.9





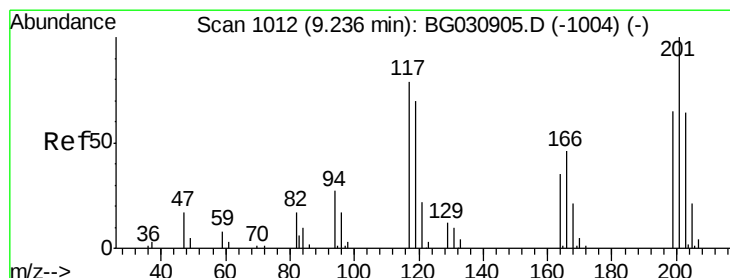
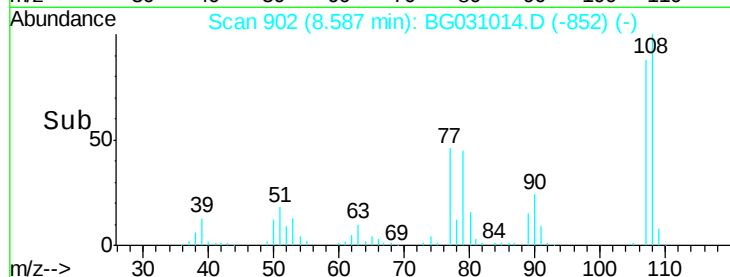
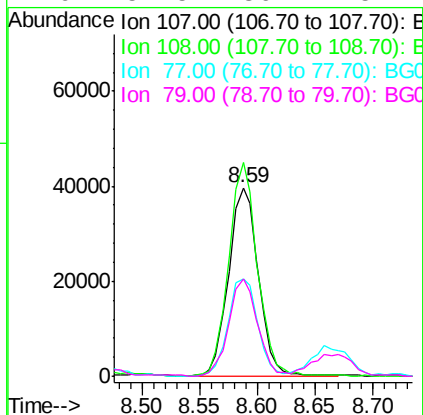
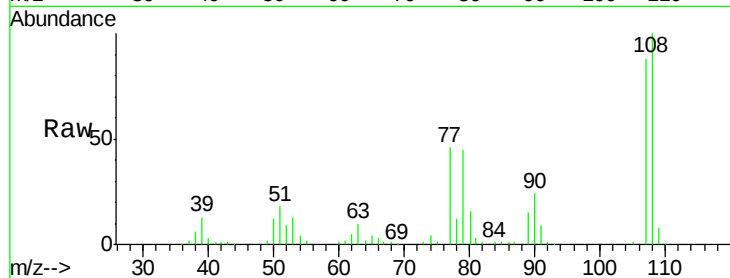
#17
2-Methylphenol
Concen: 43.459 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion:	107	Resp:	71024
Ion	Ratio	Lower	Upper
107	100		
108	113.5	83.9	125.9
77	52.0	37.2	55.8
79	51.5	36.2	54.2

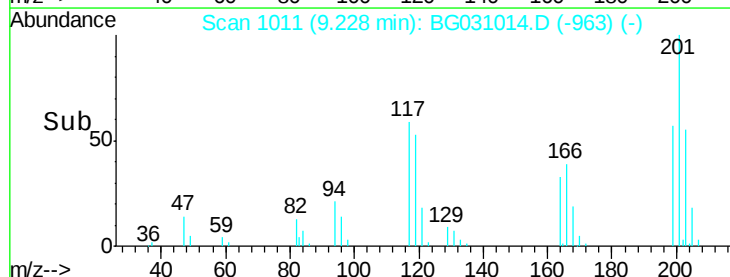
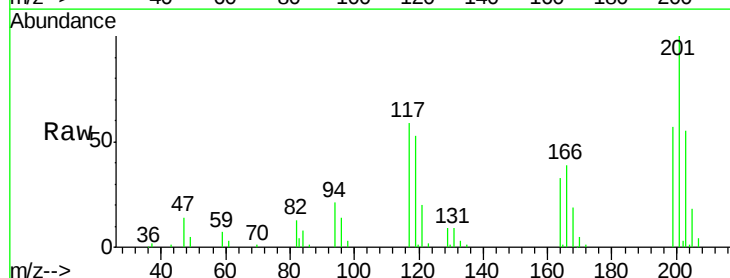
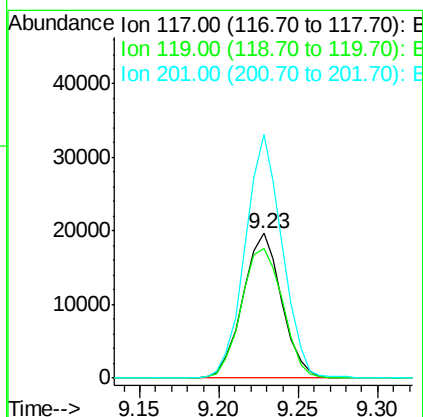
Manual Integrations
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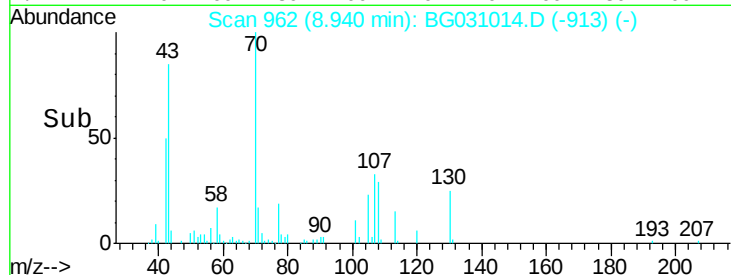
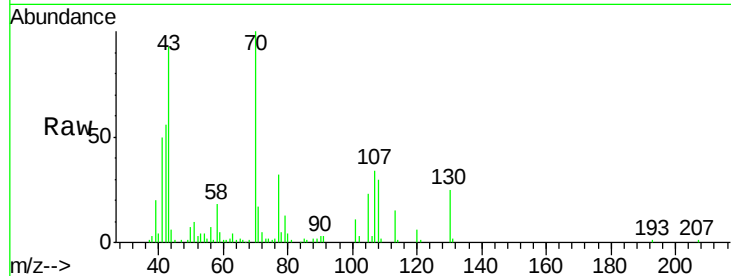
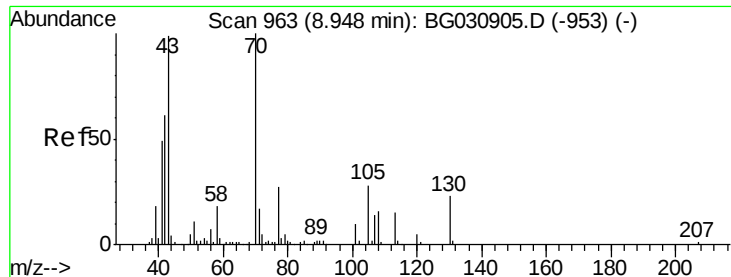
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#18
Hexachloroethane
Concen: 43.538 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:	117	Resp:	33350
Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.7	115.1
201	168.3	95.7	143.5#





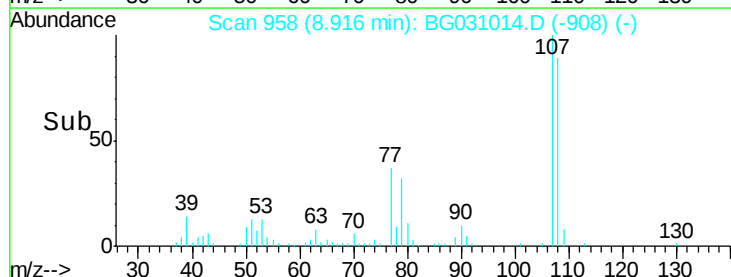
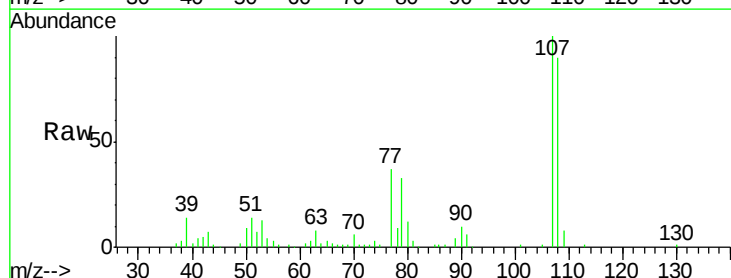
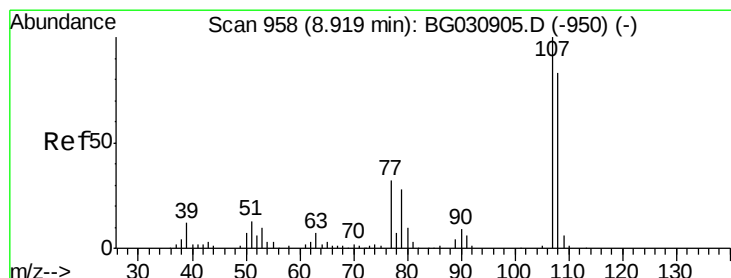
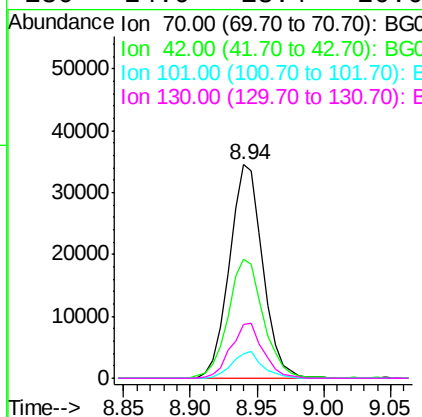
#19
n-Nitroso-di-n-propylamine
Concen: 34.819 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.6	49.1	73.7
101	11.3	8.5	12.7
130	24.9	13.4	20.0

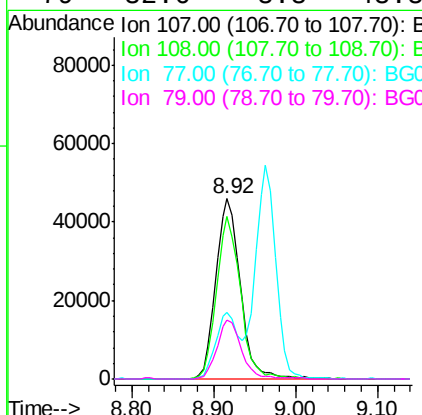
Manual Integrations
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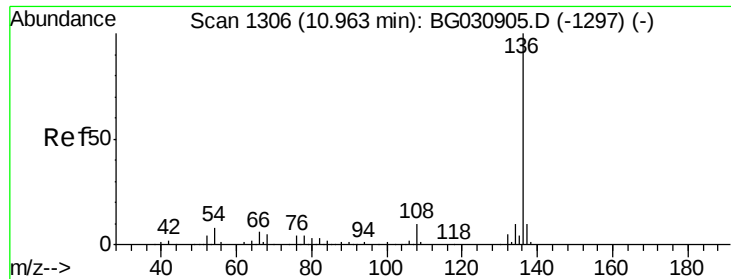
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#20
3+4-Methylphenols
Concen: 41.377 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	61.6	101.6
77	36.8	13.9	53.9
79	32.6	8.8	48.8





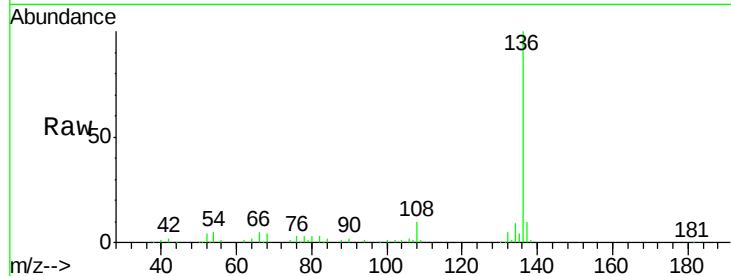
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	117606		
137	9.7	9.2	13.8	
54	5.4	10.3	15.5#	
68	3.9	4.5	6.7#	

Manual Integrations
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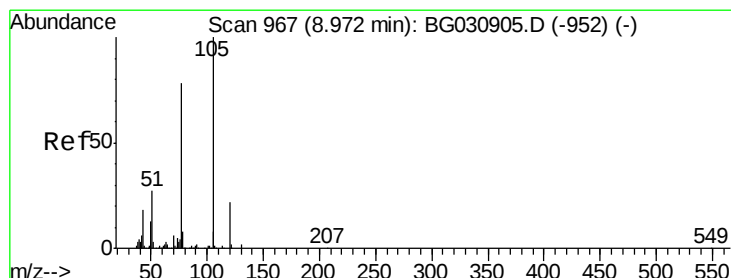
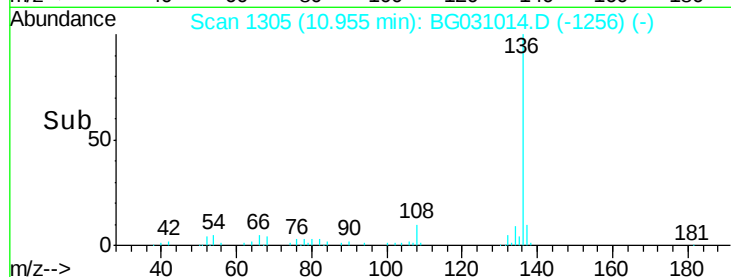
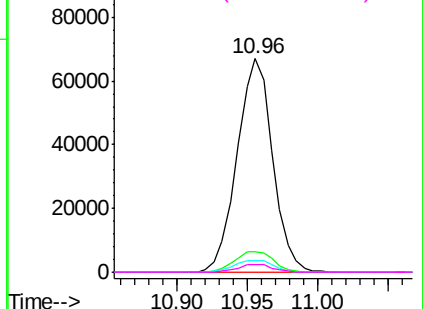
Abundance

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: 41.737 ng
RT: 8.96 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	122217		
71	1.1	3.0	4.4#	
51	25.8	26.1	39.1#	
120	22.5	17.4	26.2	

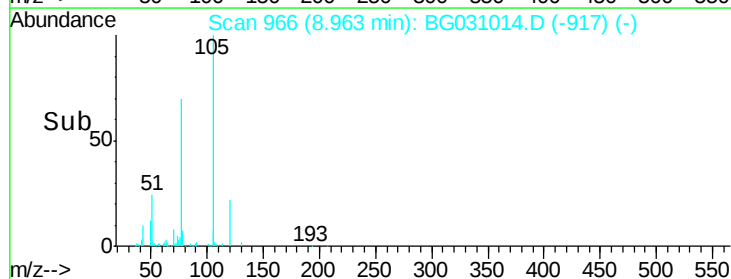
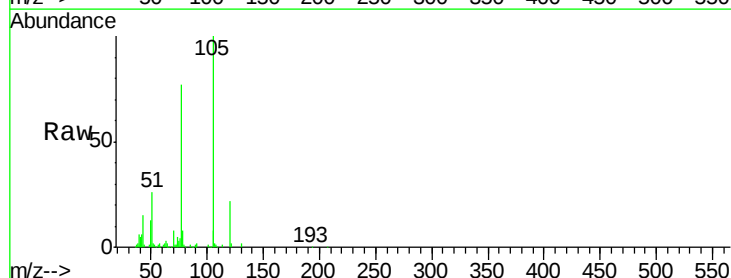
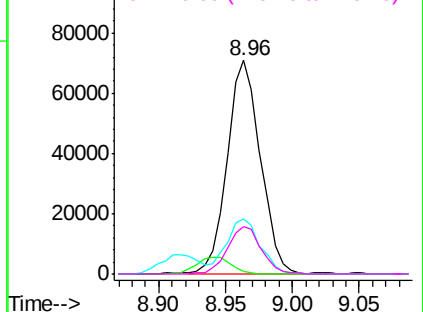
Abundance

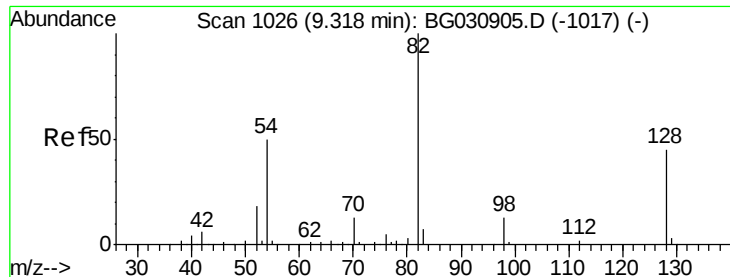
Ion 105.00 (104.70 to 105.70): E

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





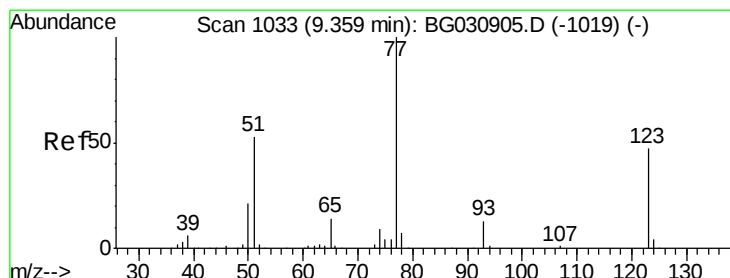
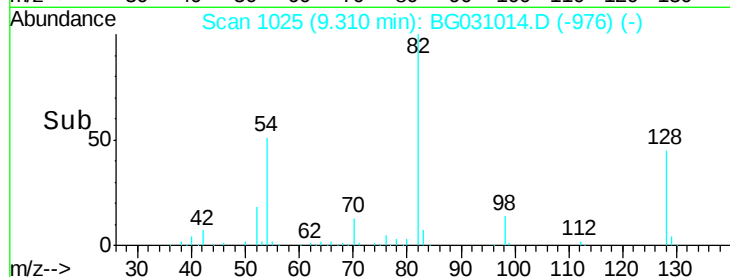
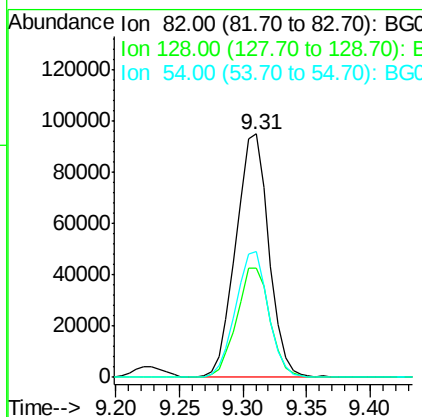
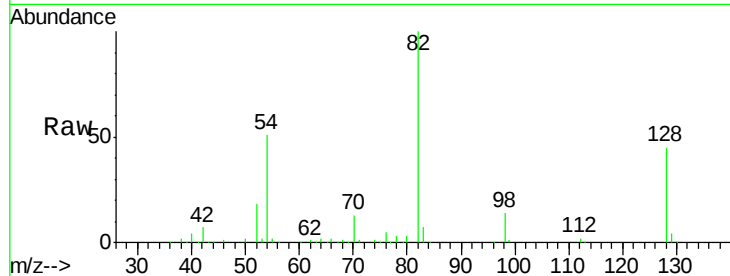
#23
Nitrobenzene-d5
Concen: 86.480 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	51.4	43.1	64.7

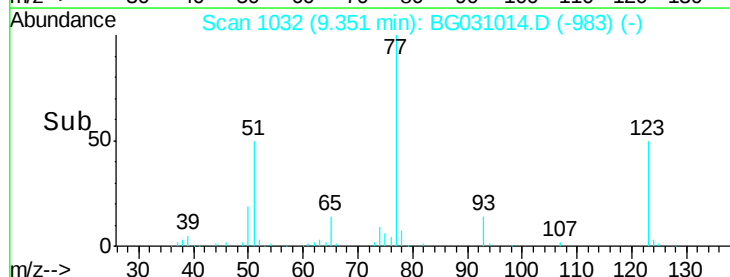
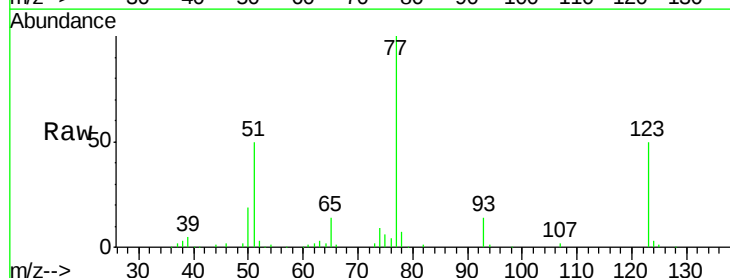
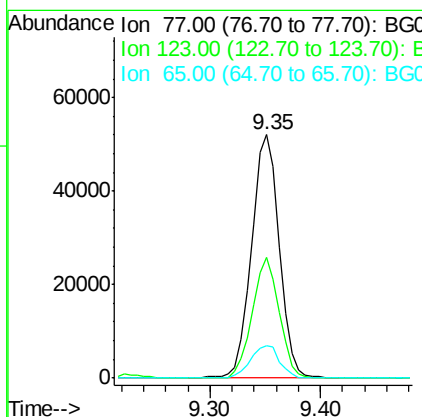
Manual Integrations
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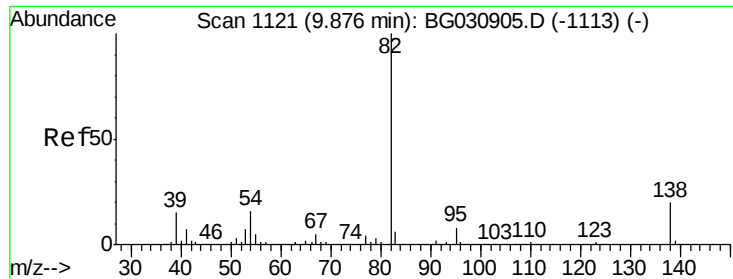
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#24
Nitrobenzene
Concen: 45.221 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	33.0	49.6#
65	13.5	13.0	19.6





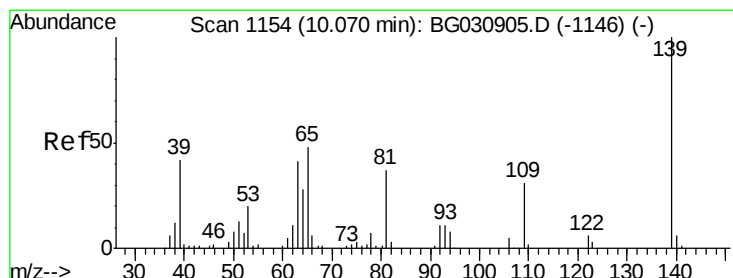
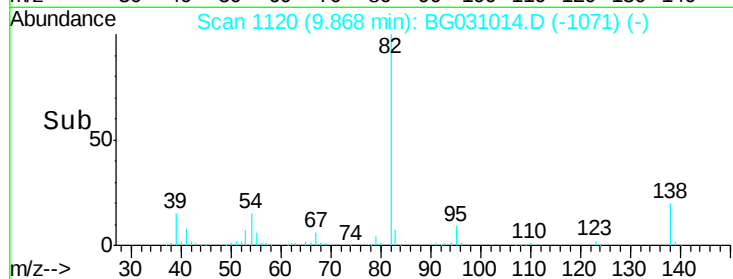
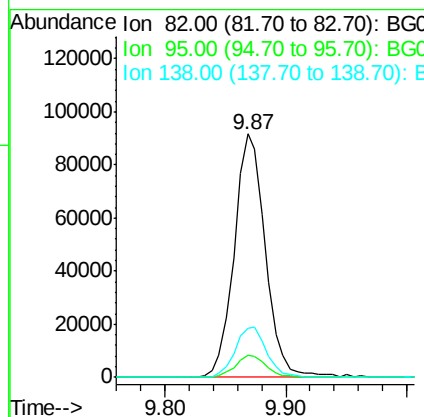
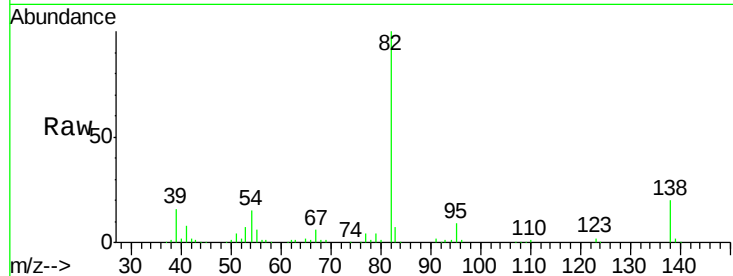
#25
Isophorone
Concen: 42.588 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	164847		
95	9.4	6.2	9.2#	
138	20.3	12.1	18.1#	

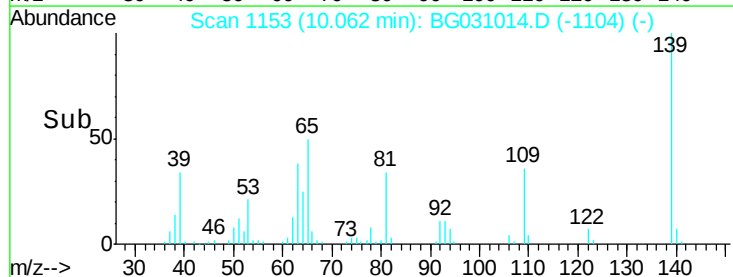
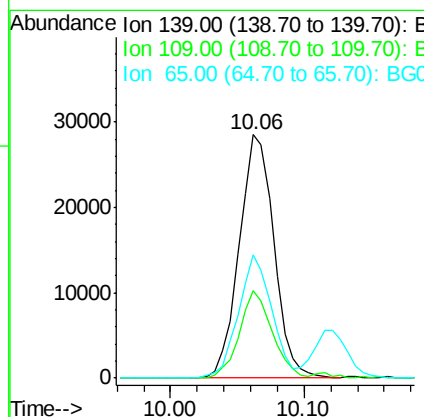
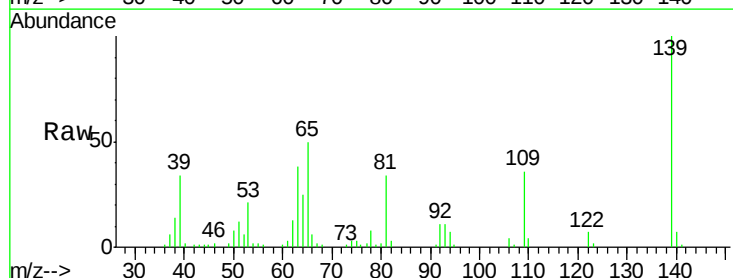
Manual Integrations
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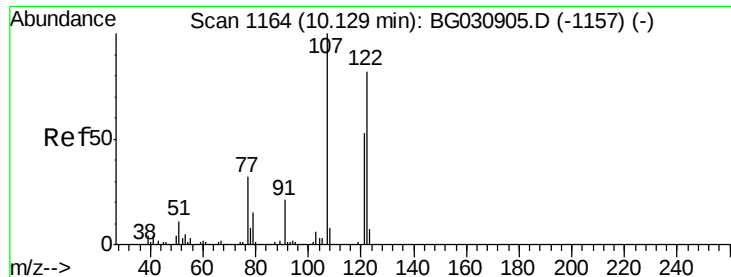
SOHIL
11/16/2017 6:29:29 PM



#26
2-Nitrophenol
Concen: 48.477 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	51229		
109	35.8	24.2	36.2	
65	50.4	47.4	71.0	





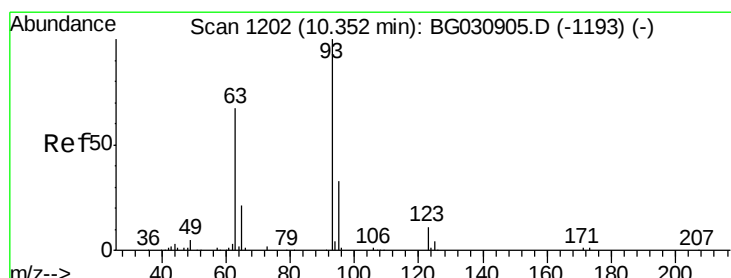
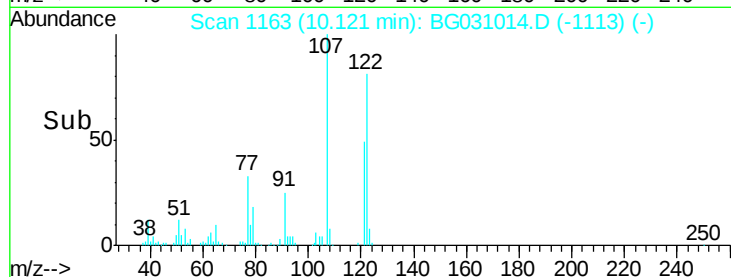
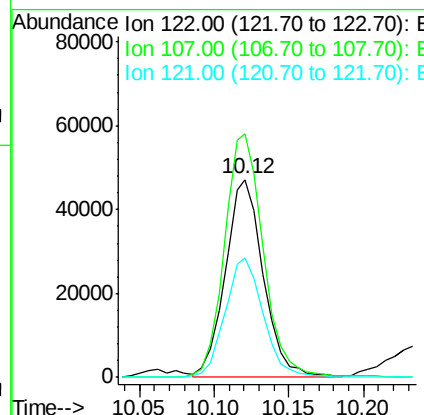
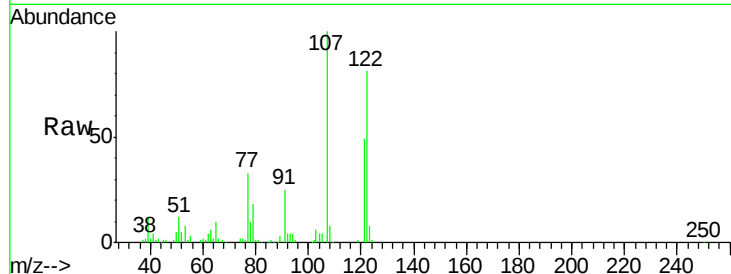
#27
2,4-Dimethylphenol
Concen: 53.035 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.9	100.2	150.2
121	60.1	44.4	66.6

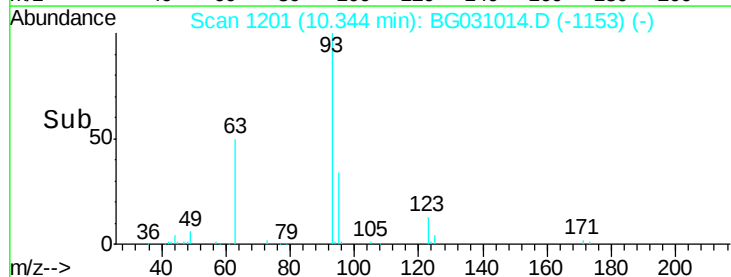
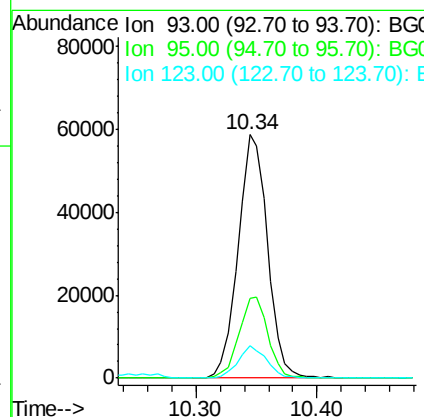
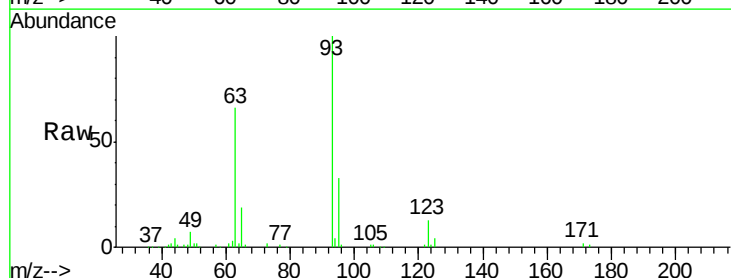
Manual Integrations
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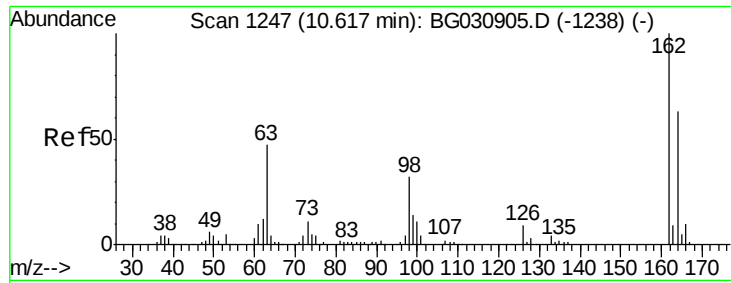
SOHIL
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#28
bis(2-Chloroethoxy)methane
Concen: 40.929 ng
RT: 10.34 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.3	36.5
123	13.3	8.4	12.6





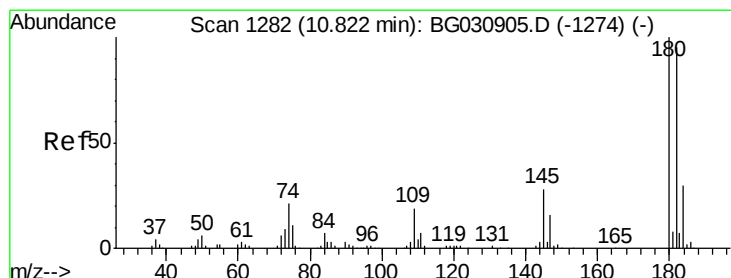
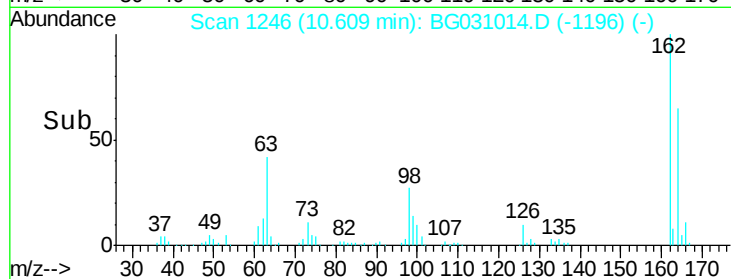
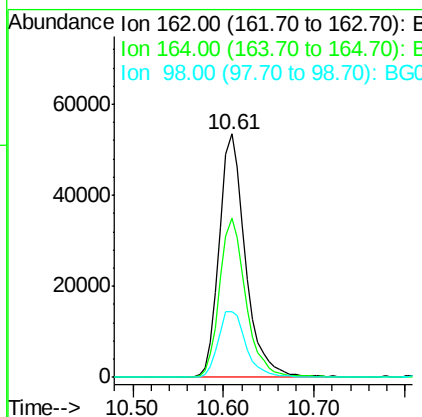
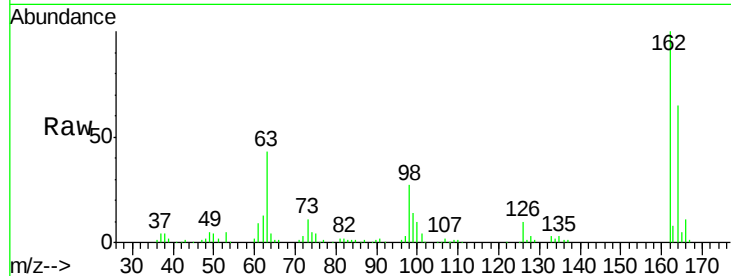
#29
 2,4-Dichlorophenol
 Concen: 56.879 ng
 RT: 10.61 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	48.0	88.0
98	27.1	21.1	61.1

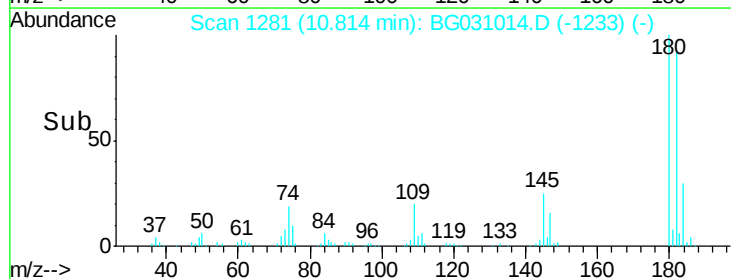
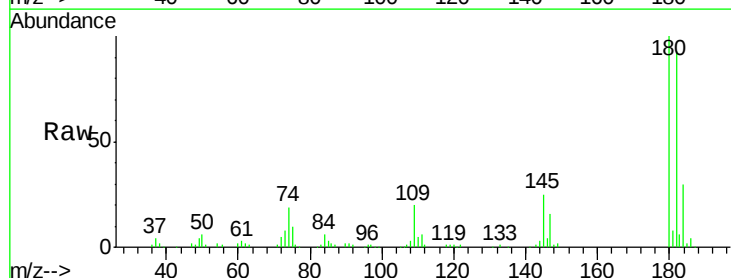
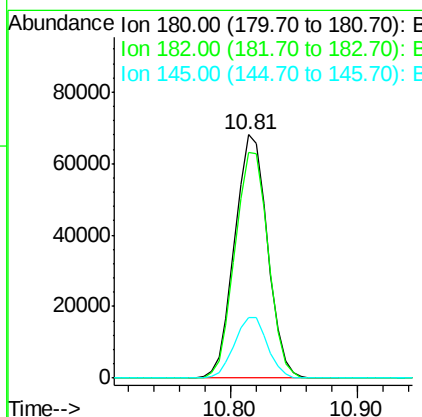
Manual Integrations
 APPROVED

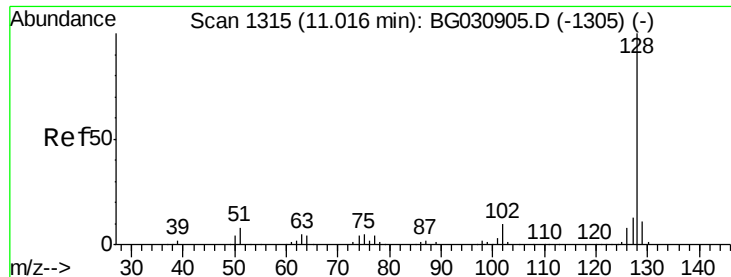
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 11/16/2017 6:29:29 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 54.376 ng
 RT: 10.81 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.6	77.5	116.3
145	24.8	23.4	35.2





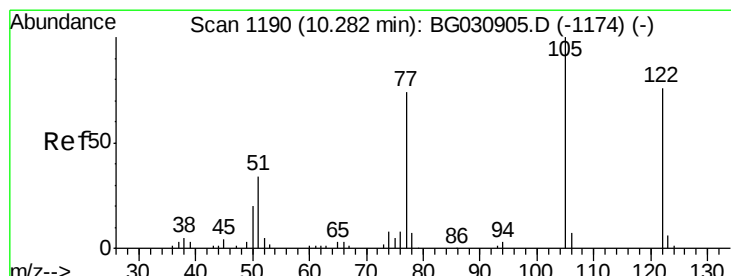
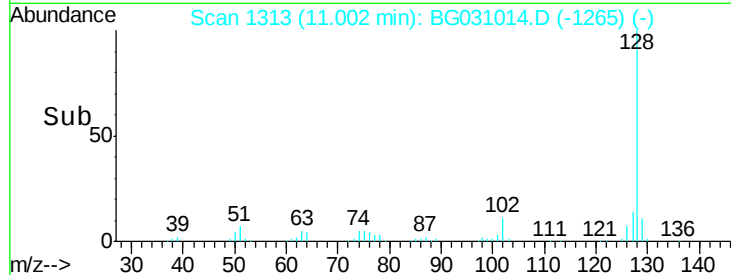
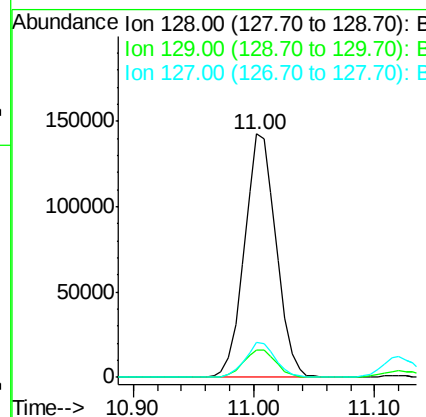
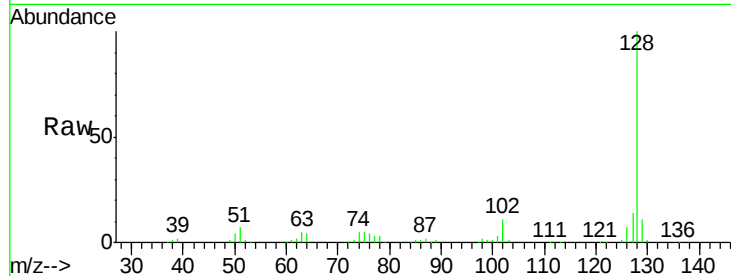
#31
Naphthalene
Concen: 44.859 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	259348		
129	11.4	8.6	12.8	
127	14.2	11.6	17.4	

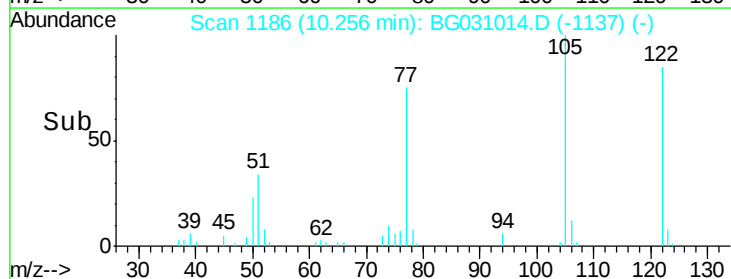
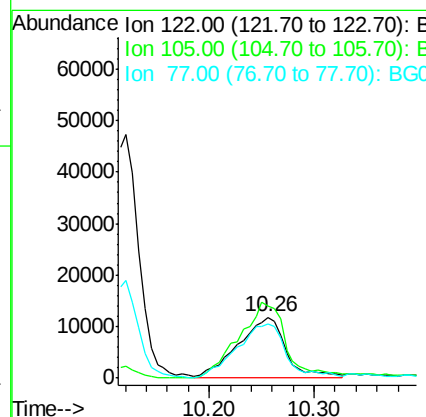
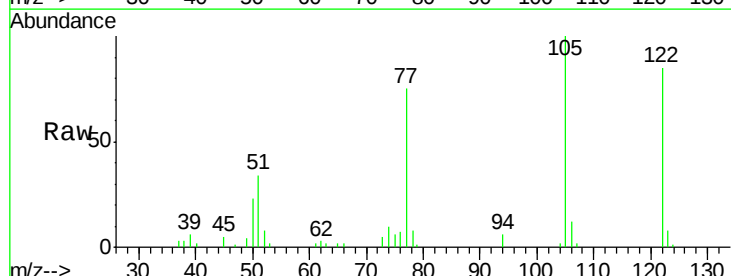
Manual Integrations
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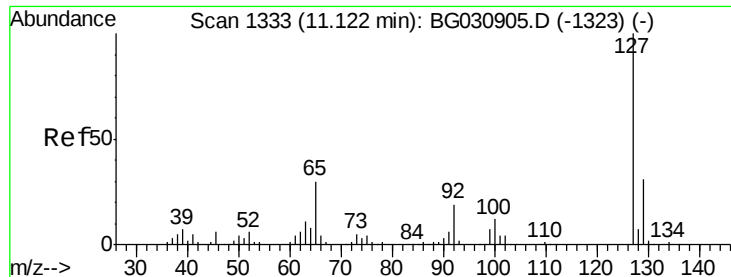
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#32
Benzoic acid
Concen: 30.996 ng m
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	37530		
105	117.2	123.5	163.5#	
77	87.7	85.7	125.7	





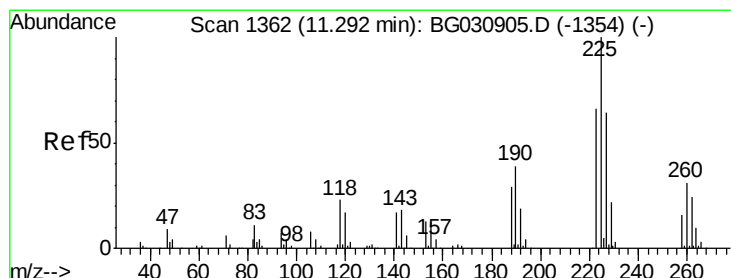
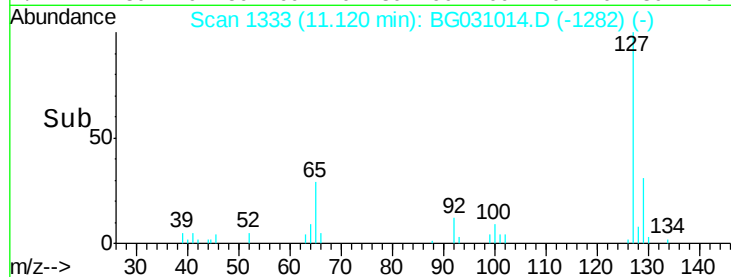
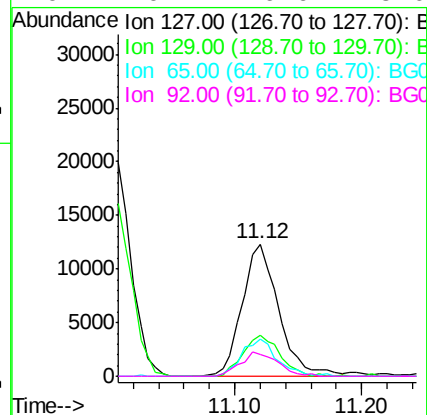
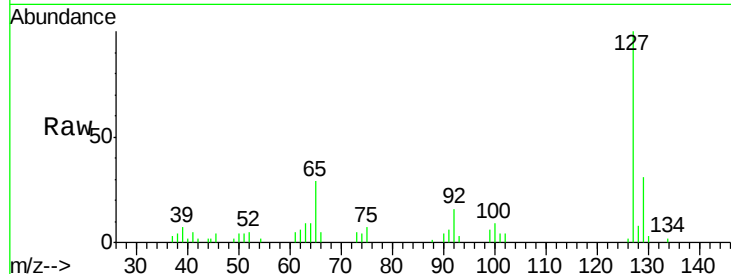
#33
 4-Chloroaniline
 Concen: 9.768 ng
 RT: 11.12 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion:	127	Resp:	24722
Ion Ratio	Lower	Upper	
127	100		
129	31.2	24.0	36.0
65	28.5	27.0	40.4
92	16.1	16.6	25.0#

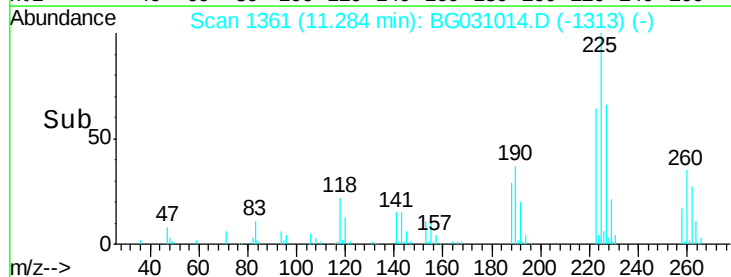
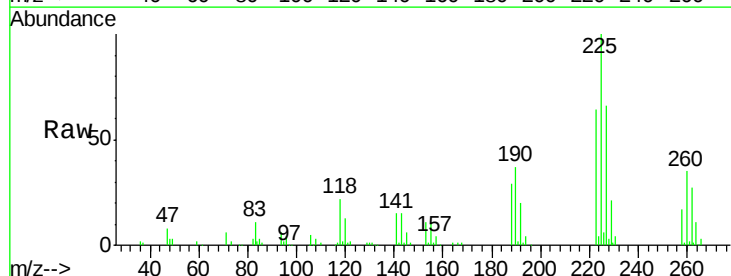
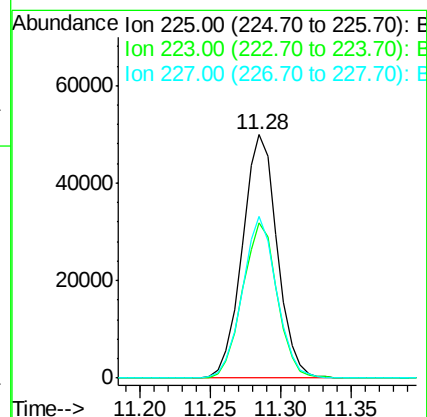
Manual Integrations
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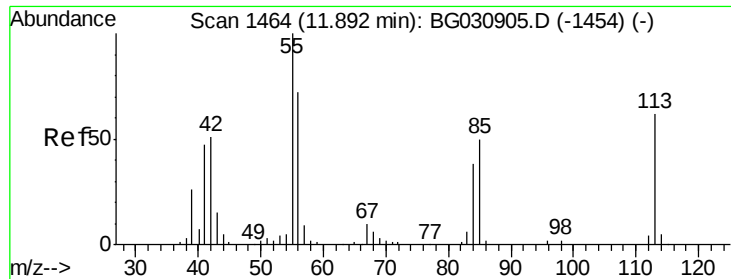
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#34
 Hexachlorobutadiene
 Concen: 55.180 ng
 RT: 11.28 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion:	225	Resp:	86073
Ion Ratio	Lower	Upper	
225	100		
223	63.7	49.7	74.5
227	66.3	48.1	72.1





#35

Caprolactam

Concen: 44.587 ng m

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

ClientSampleId :

PB104186BS

Tgt Ion:113 Resp: 34314

Ion Ratio Lower Upper

113 100

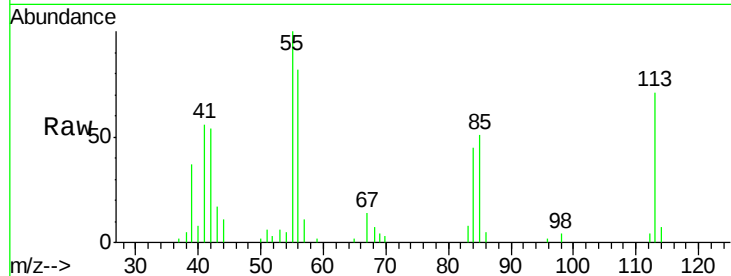
55 139.9 186.9 226.9#

56 114.1 130.9 170.9#

Manual Integrations
APPROVED

SOHIL

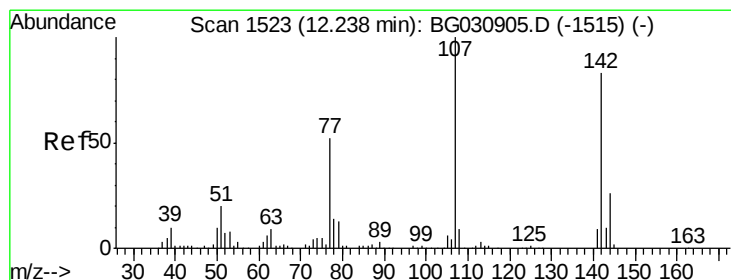
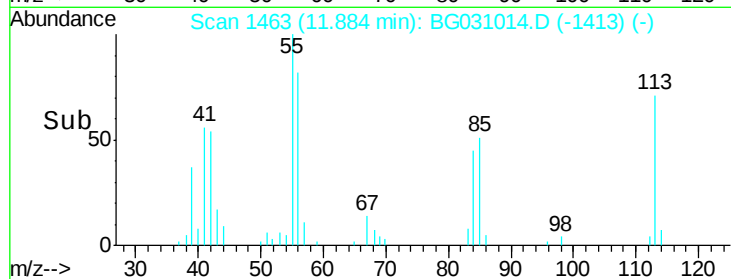
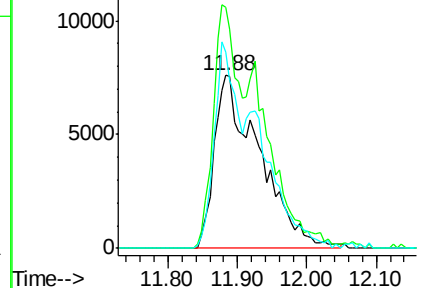
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.014 ng

RT: 12.24 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

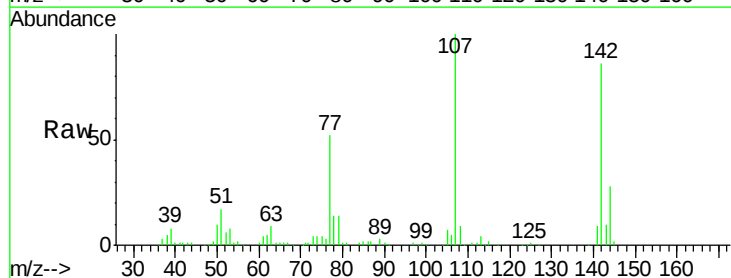
Tgt Ion:107 Resp: 100498

Ion Ratio Lower Upper

107 100

144 28.4 18.2 27.4#

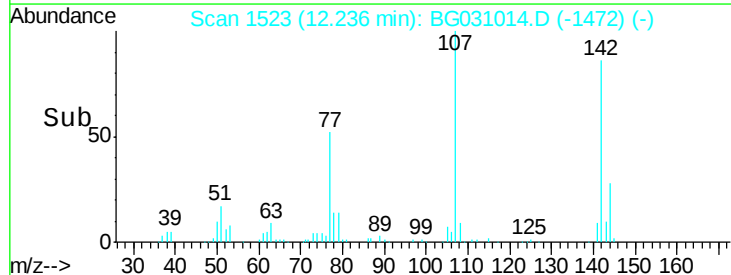
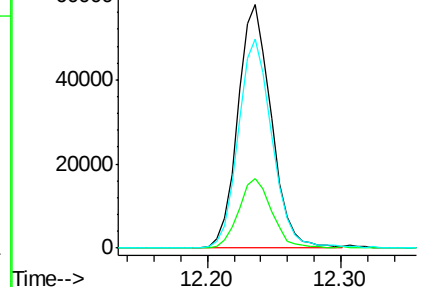
142 85.9 59.0 88.4

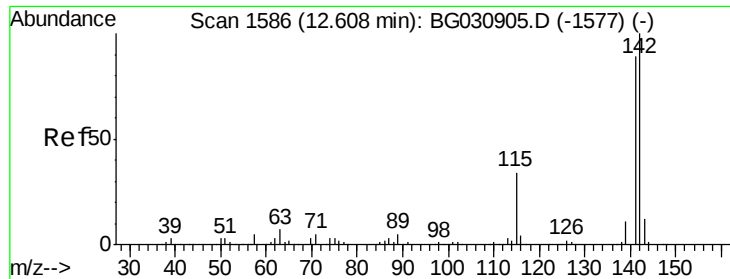


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





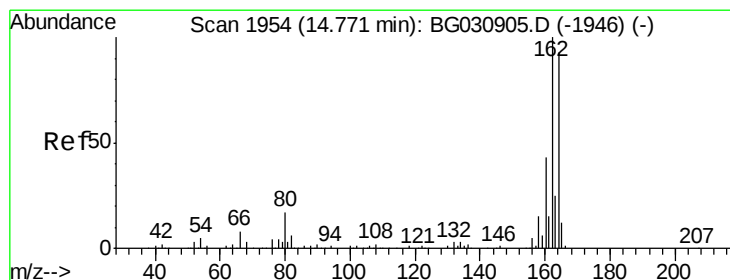
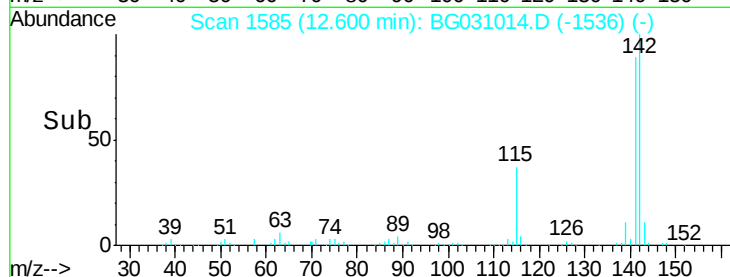
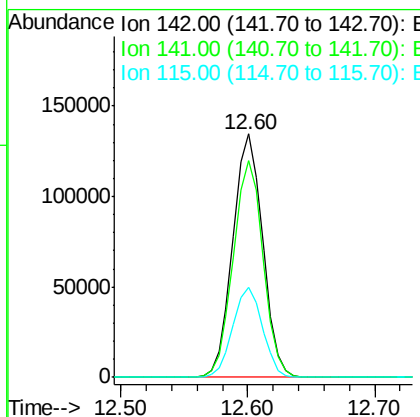
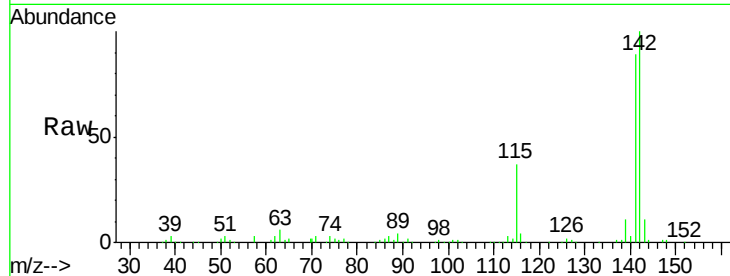
#37
2-Methylnaphthalene
Concen: 49.102 ng
RT: 12.60 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	219145		
141	88.9	67.1	100.7	
115	36.8	30.7	46.1	

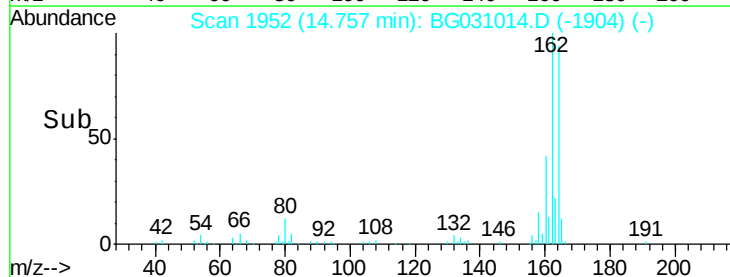
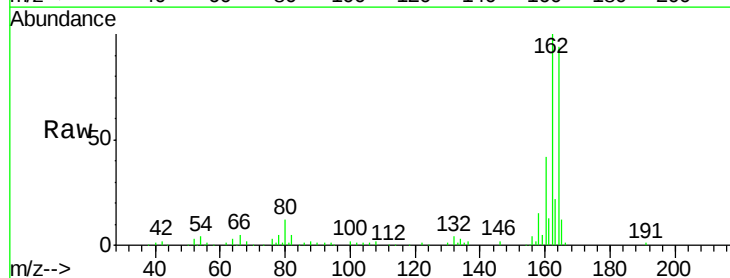
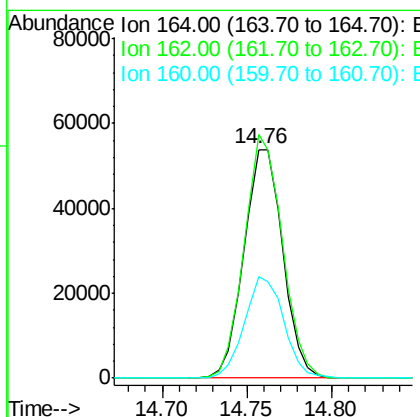
Manual Integrations
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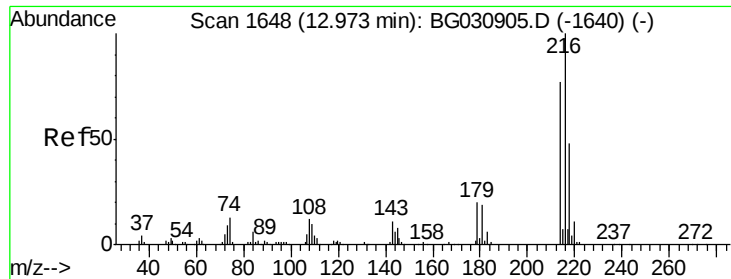
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86298		
162	106.5	78.8	118.2	
160	44.2	35.4	53.0	





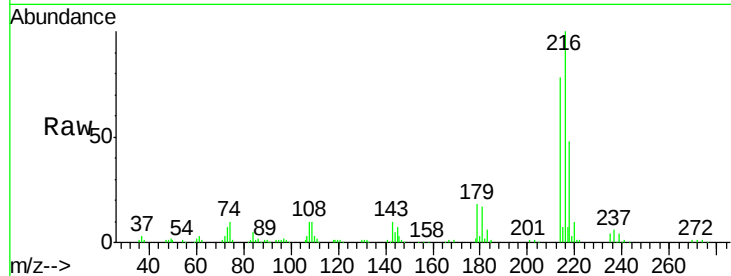
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.512 ng
 RT: 12.96 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	76.5	63.0	94.4
179	17.7	17.0	25.6
108	11.3	12.8	19.2

Manual Integrations
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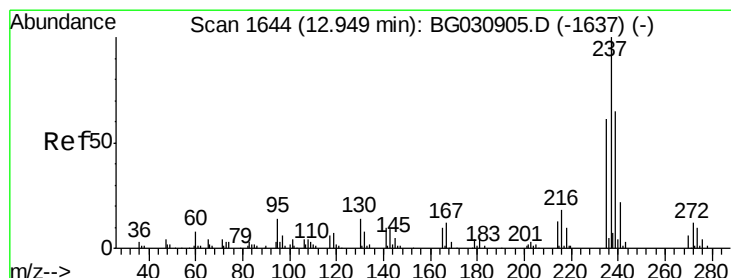
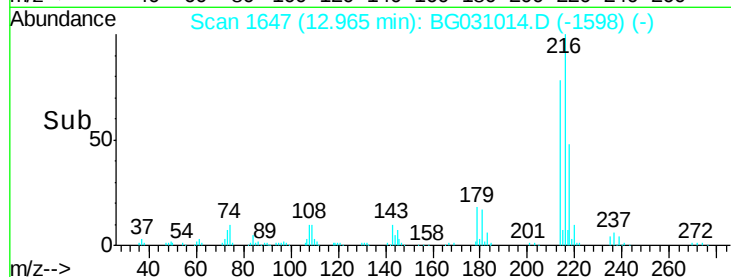
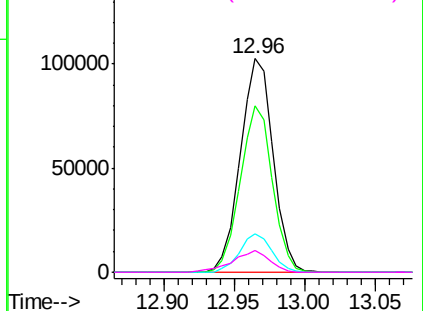
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

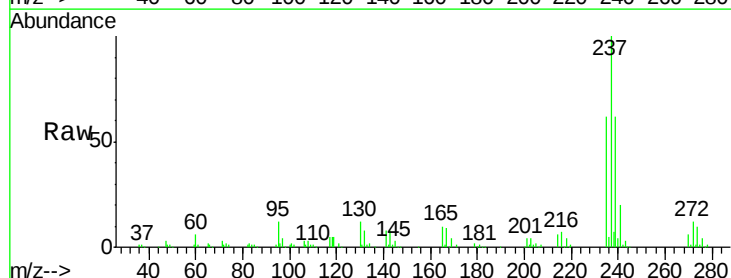
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 109.555 ng
 RT: 12.94 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.5	50.4	90.4
272	12.2	0.0	31.8

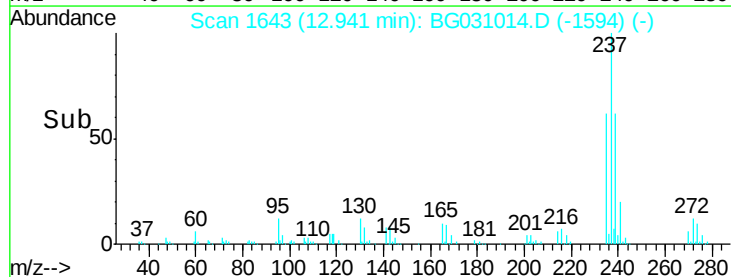
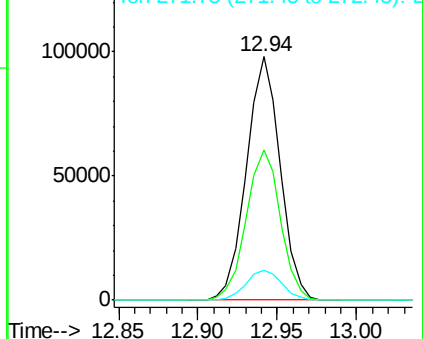


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





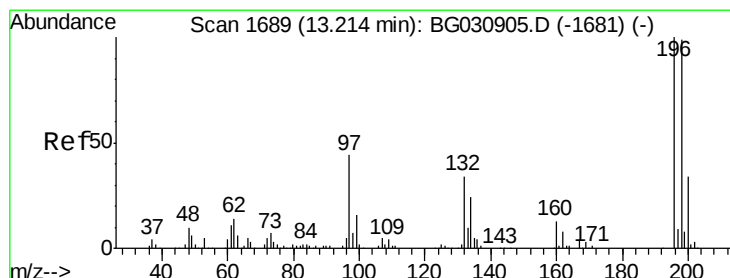
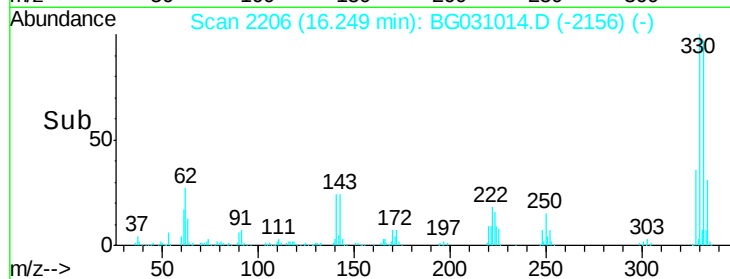
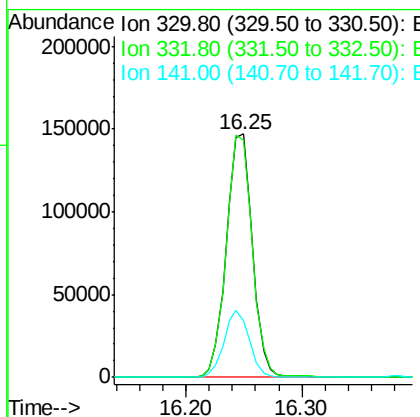
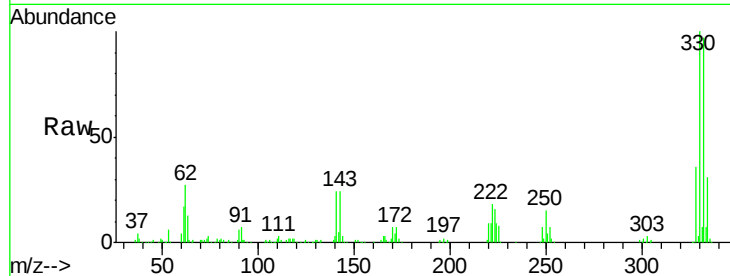
#41
 2,4,6-Tribromophenol
 Concen: 164.714 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	229944		
332	99.5	77.0	115.6	
141	26.6	25.2	37.8	

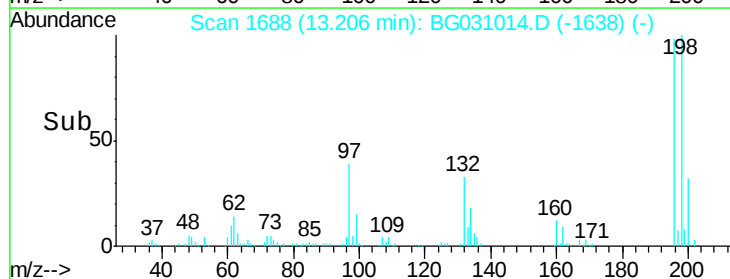
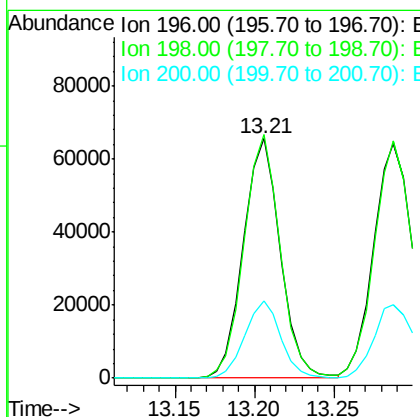
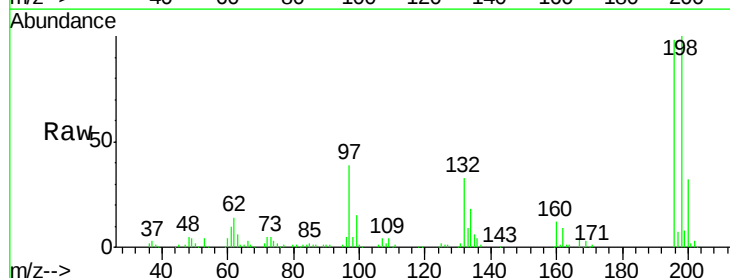
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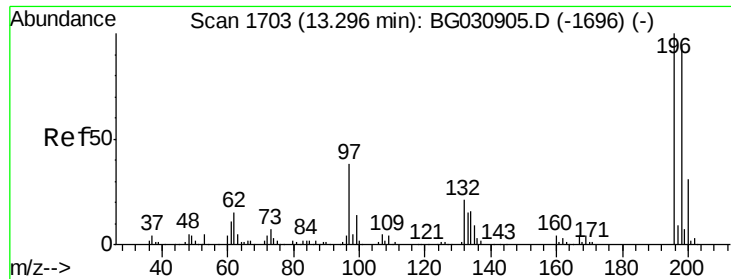
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 11/16/2017 6:29:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 54.326 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106372		
198	101.7	78.2	117.2	
200	32.1	24.6	36.8	





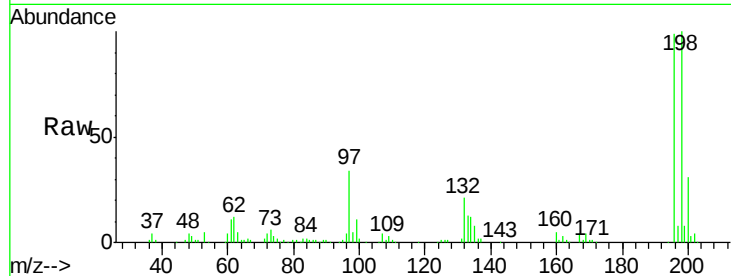
#43
 2,4,5-Trichlorophenol
 Concen: 52.881 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113288		
198	100.9	76.2	114.4	
97	34.5	38.7	58.1#	
132	21.4	20.2	30.2	

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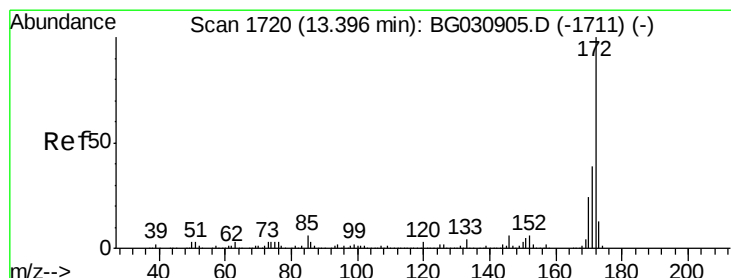
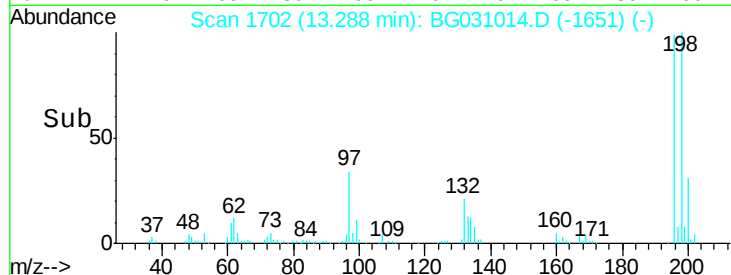
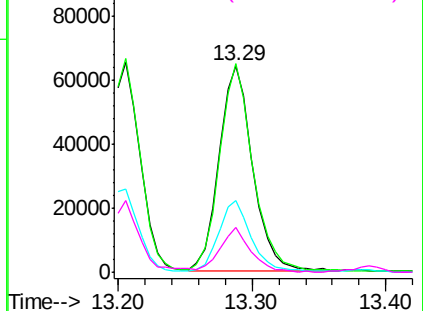
Abundance

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): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.808 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

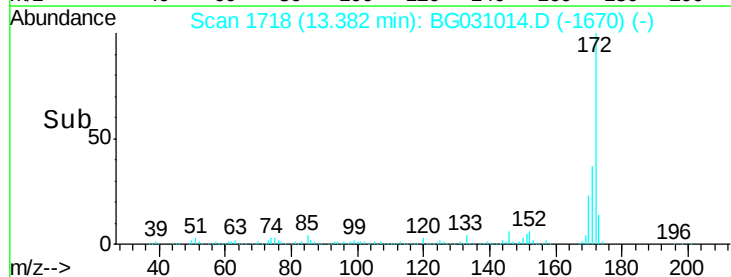
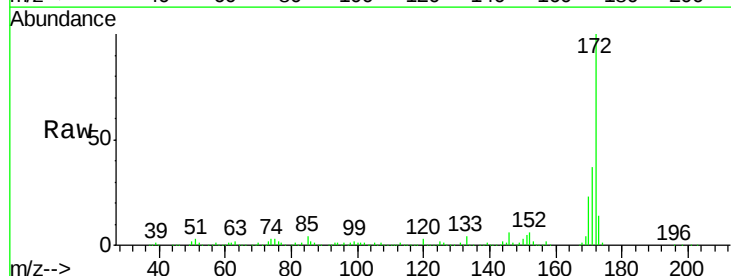
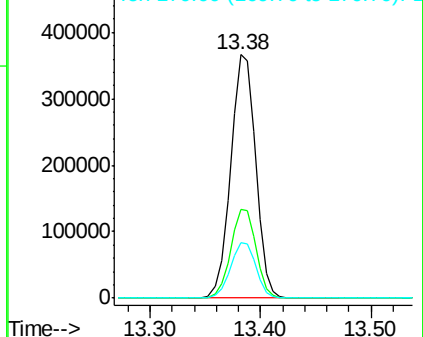
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	581418		
171	36.6	30.0	45.0	
170	22.8	19.5	29.3	

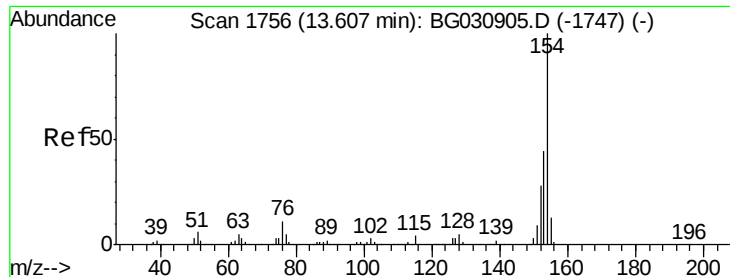
Abundance

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





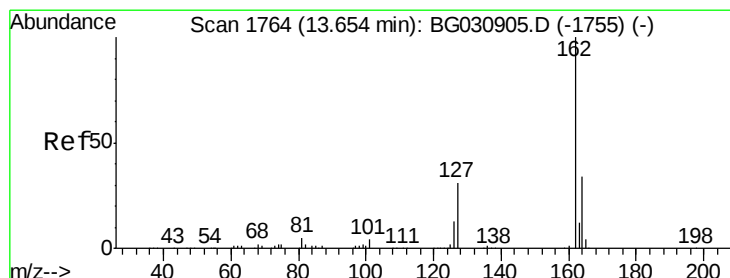
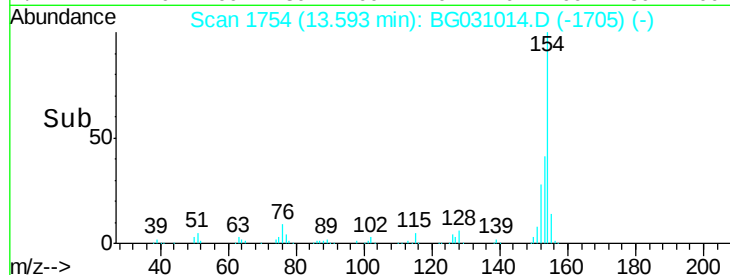
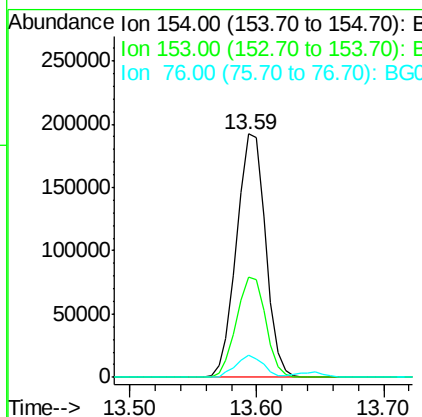
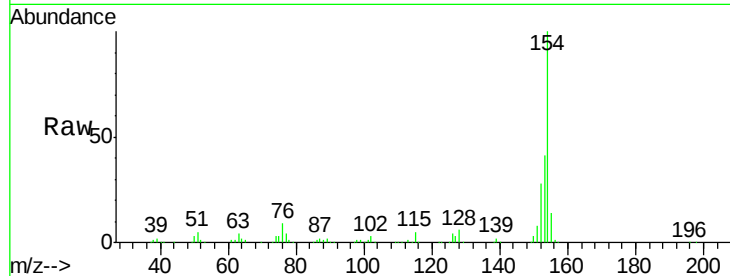
#45
 1,1'-Biphenyl
 Concen: 42.491 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	8.8	0.0	31.9

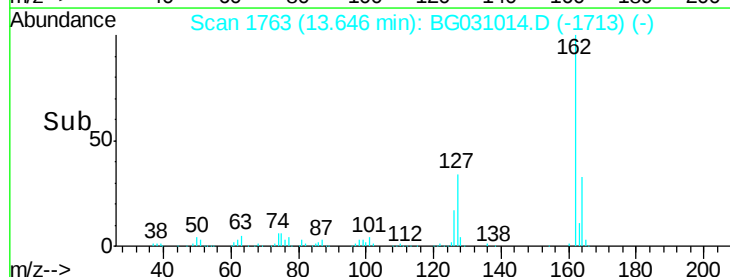
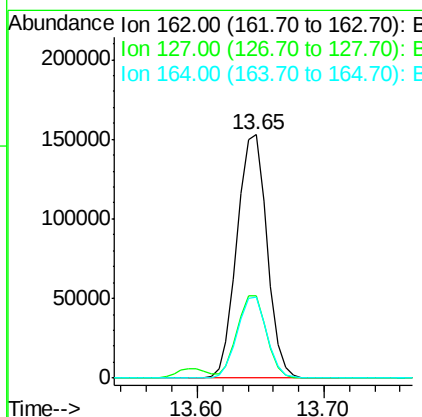
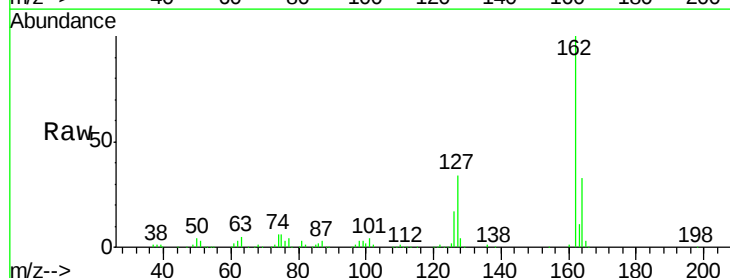
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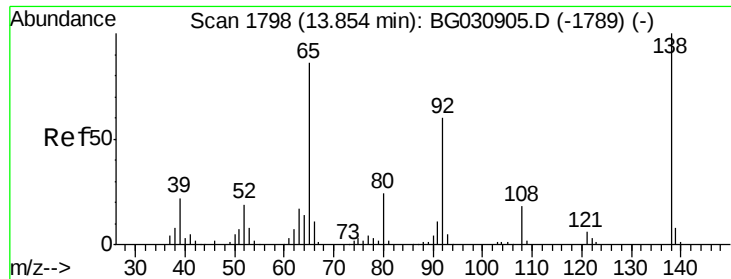
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#46
 2-Chloronaphthalene
 Concen: 48.475 ng
 RT: 13.65 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.9	30.7	46.1
164	33.3	26.0	39.0





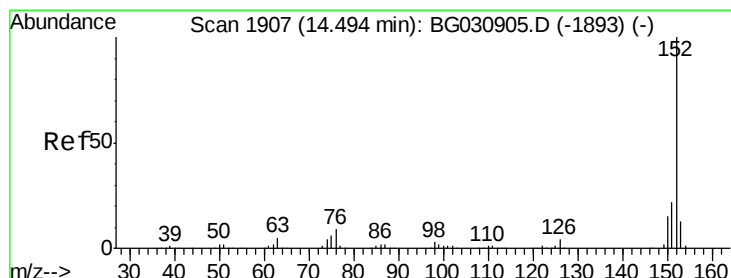
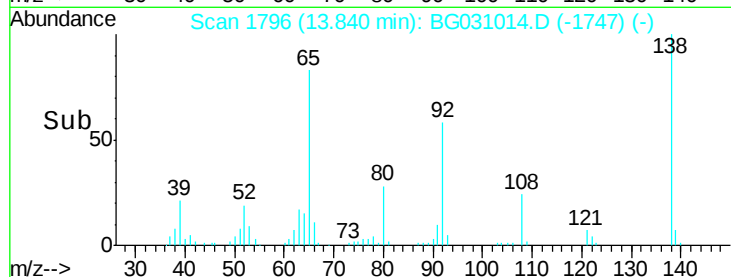
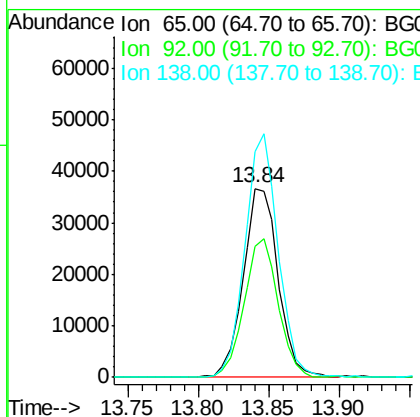
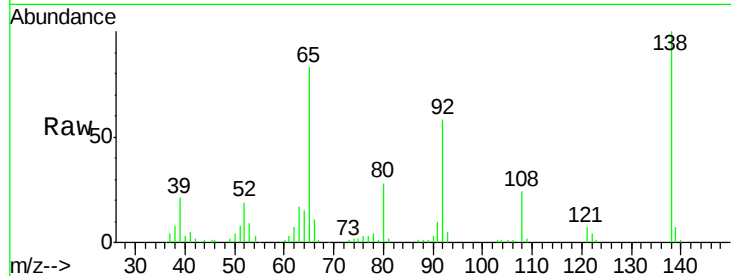
#47
2-Nitroaniline
Concen: 41.559 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	54.6	82.0
138	119.8	72.9	109.3

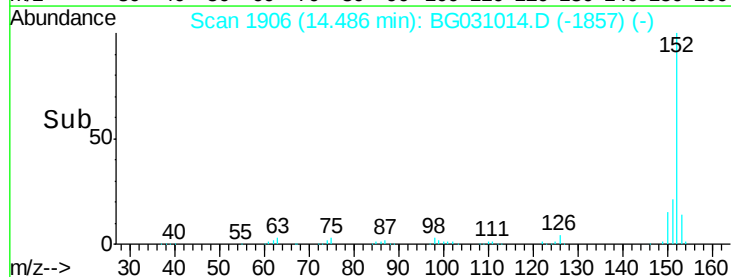
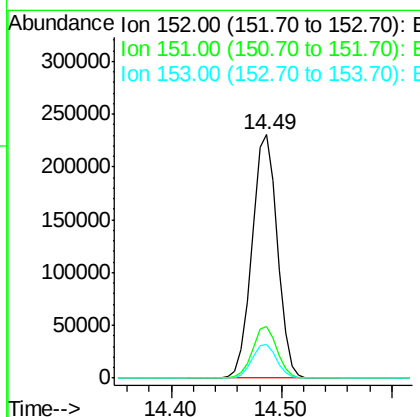
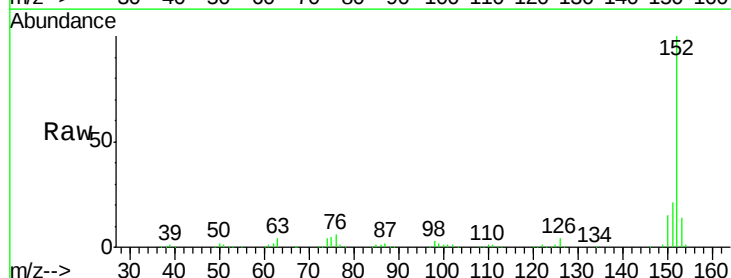
Manual Integrations
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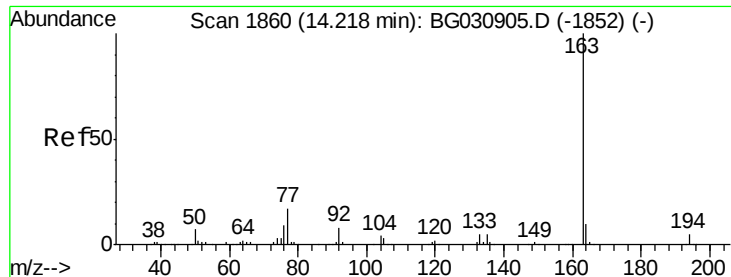
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#48
Acenaphthylene
Concen: 43.981 ng
RT: 14.49 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.7	10.2	15.4





#49

Dimethylphthalate

Concen: 46.252 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

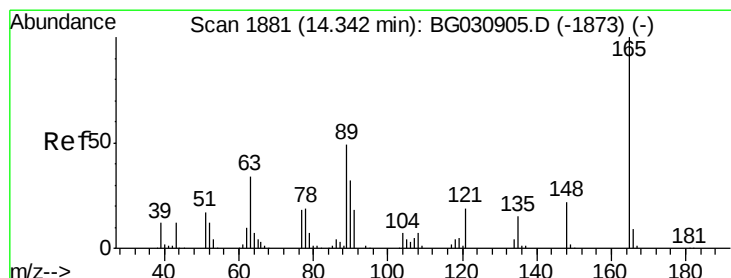
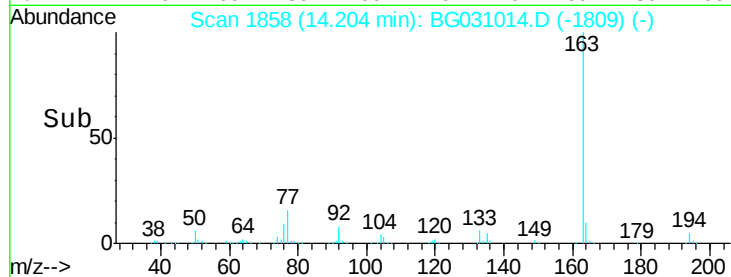
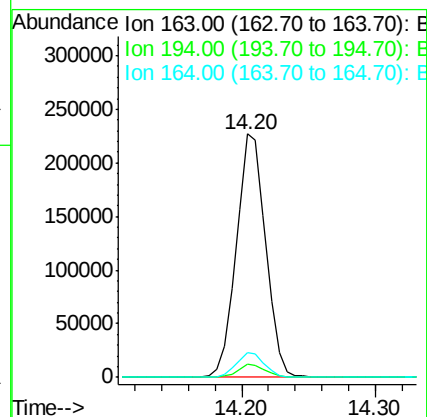
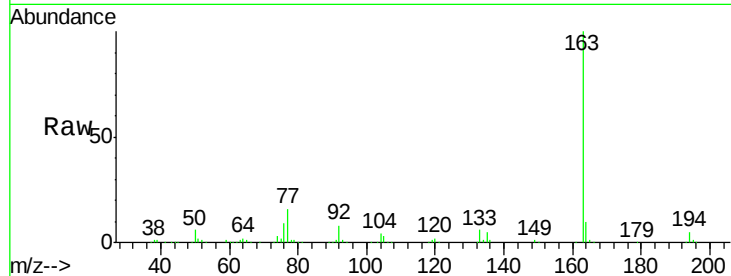
ClientSampleId :

PB104186BS

Tgt Ion:	163	Resp:	345116
Ion Ratio	Lower	Upper	
163	100		
194	5.3	3.4	5.2#
164	10.3	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 50.377 ng

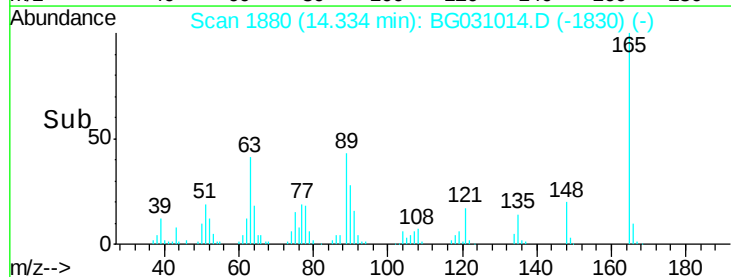
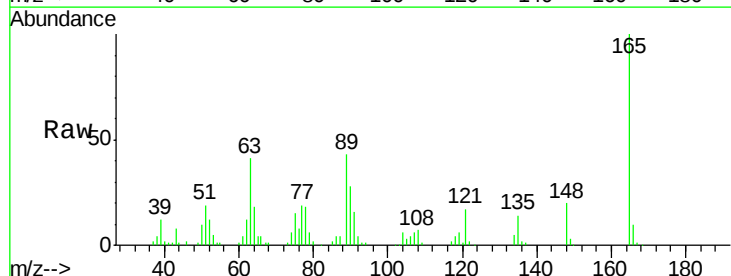
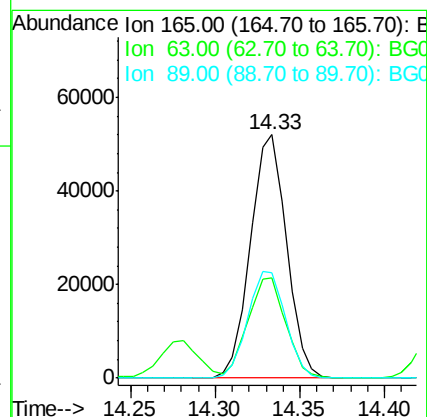
RT: 14.33 min Scan# 1880

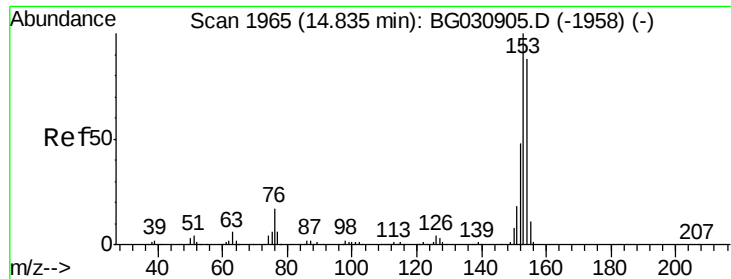
Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	165	Resp:	77477
Ion Ratio	Lower	Upper	
165	100		
63	41.3	52.7	79.1#
89	43.2	49.2	73.8#





#51

Acenaphthene

Concen: 44.980 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

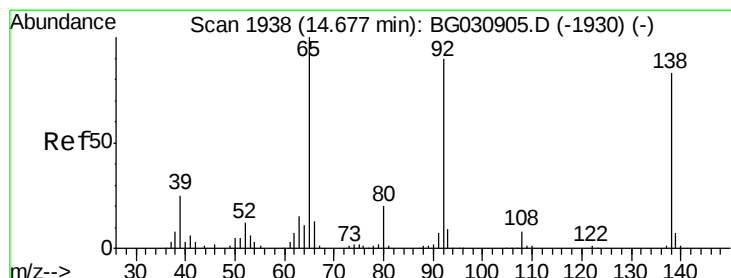
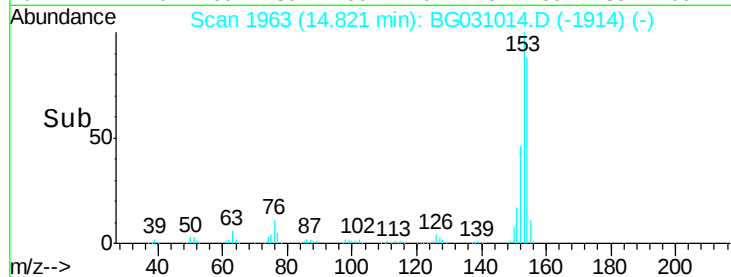
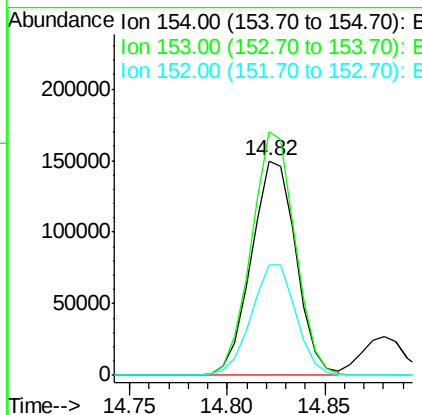
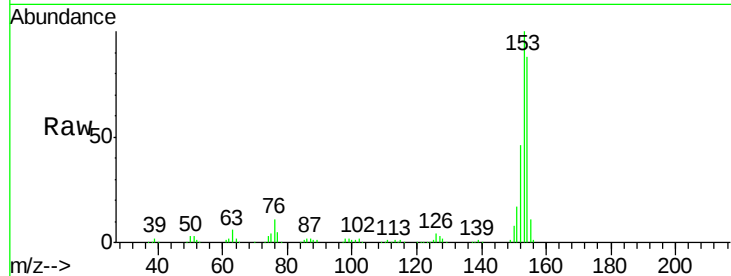
ClientSampleId :

PB104186BS

Tgt Ion:	154	Resp:	237392
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.4	135.6
152	51.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 13.766 ng

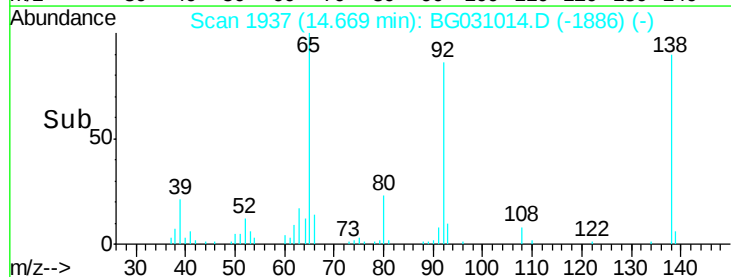
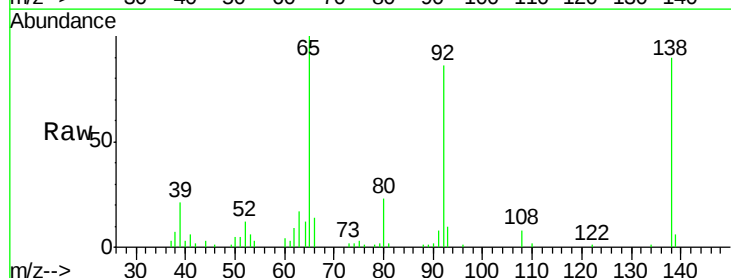
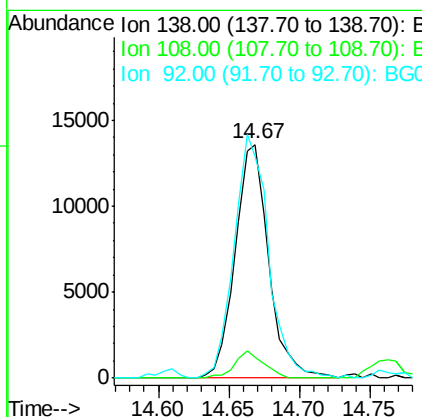
RT: 14.67 min Scan# 1937

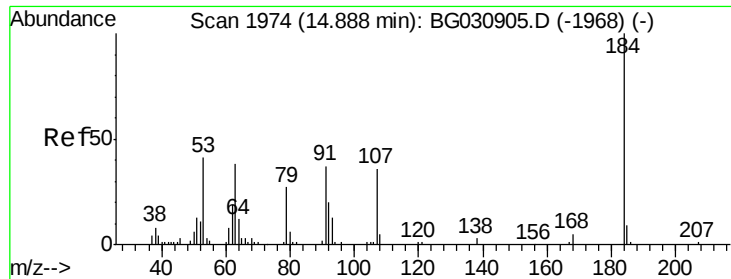
Delta R.T. -0.00 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

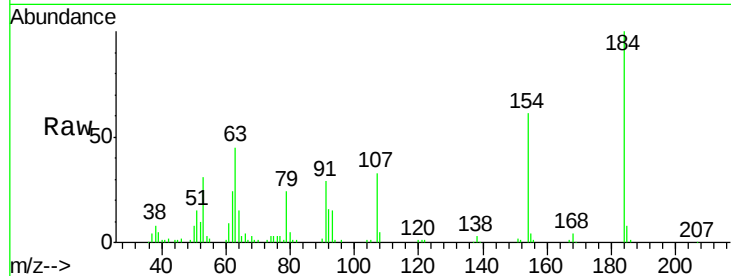
Tgt Ion:	138	Resp:	22481
Ion Ratio	Lower	Upper	
138	100		
108	9.2	17.5	26.3#
92	95.0	105.8	158.8#





#53
2,4-Dinitrophenol
Concen: 92.429 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

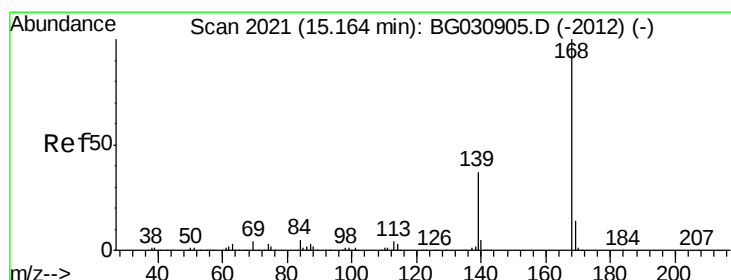
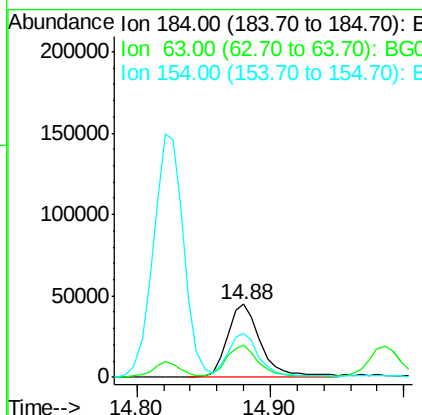
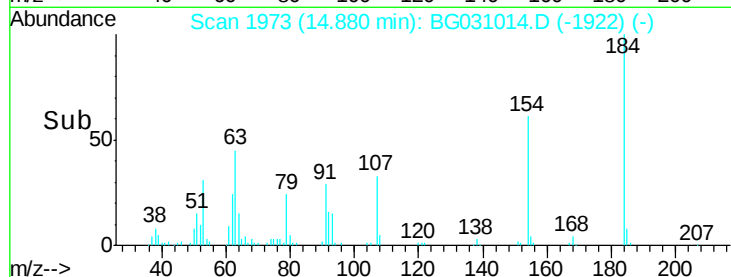
Instrument :
BNA_G
ClientSampleId :
PB104186BS



Tgt Ion:184 Resp: 79037
Ion Ratio Lower Upper
184 100
63 44.7 59.8 89.8#
154 60.6 101.8 152.8#

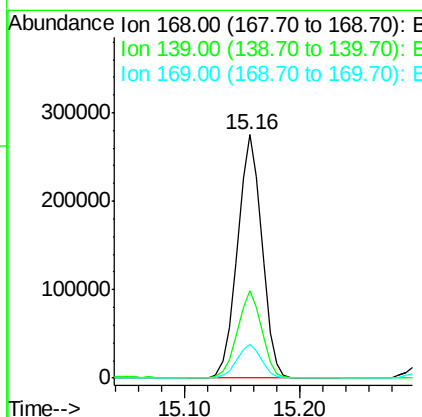
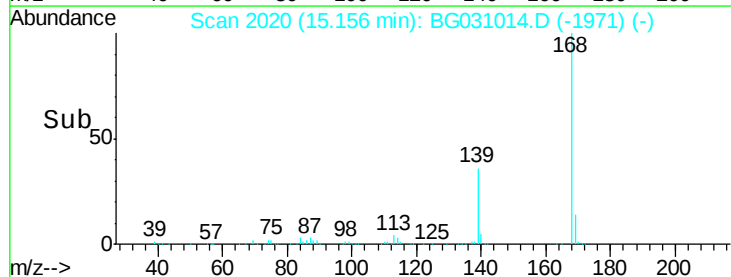
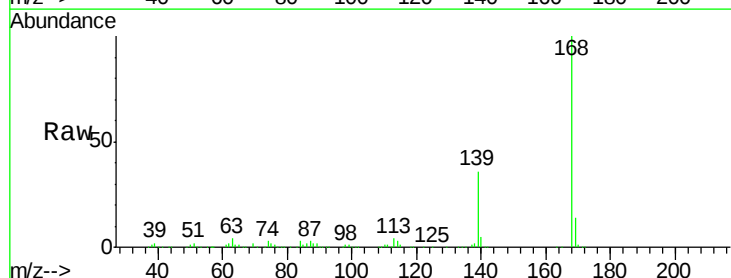
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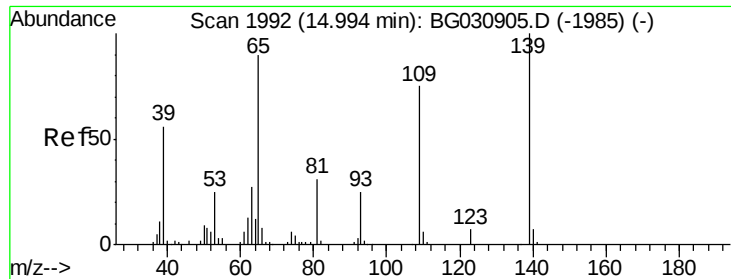
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#54
Dibenzofuran
Concen: 47.840 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion:168 Resp: 402164
Ion Ratio Lower Upper
168 100
139 36.1 28.6 43.0
169 13.7 11.2 16.8





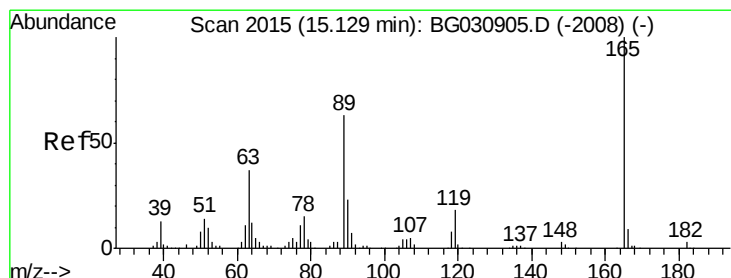
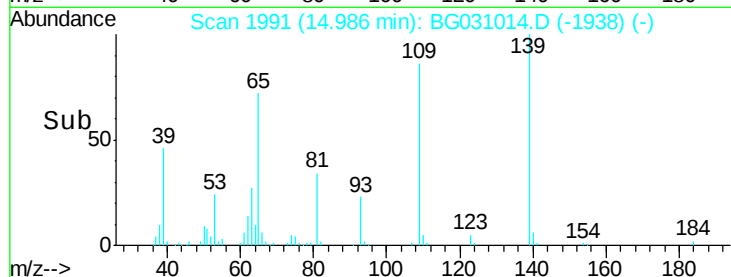
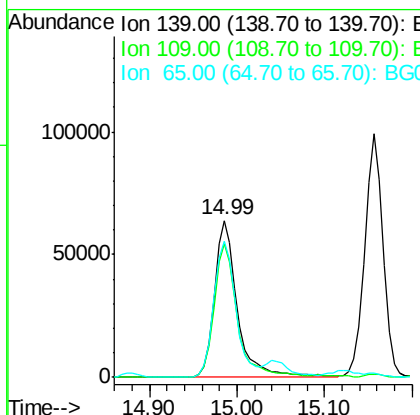
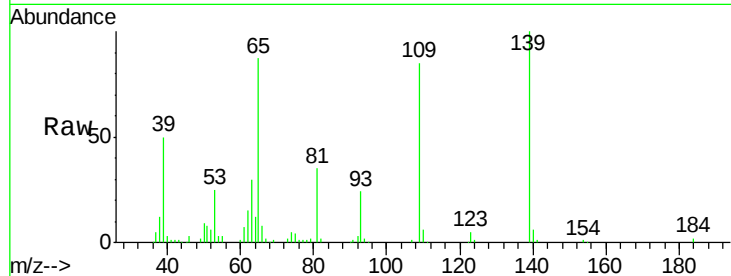
#55
4-Nitrophenol
Concen: 99.969 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116291		
109	85.3	62.2	102.2	
65	86.8	97.2	137.2#	

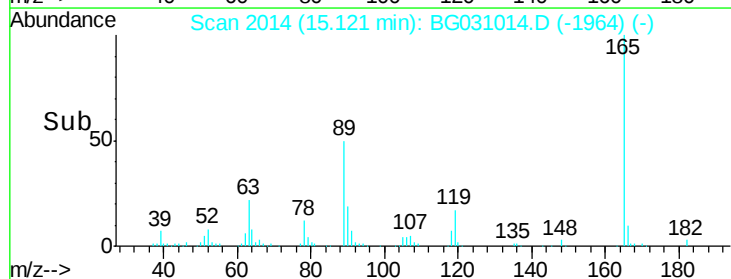
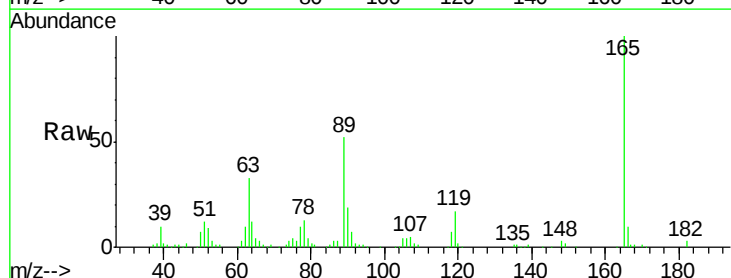
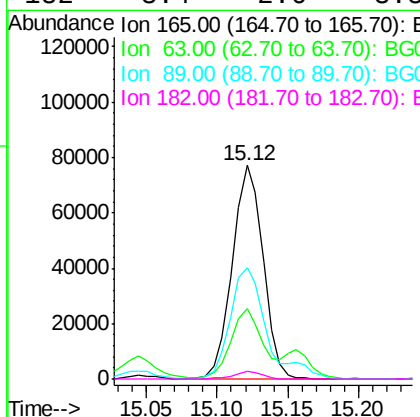
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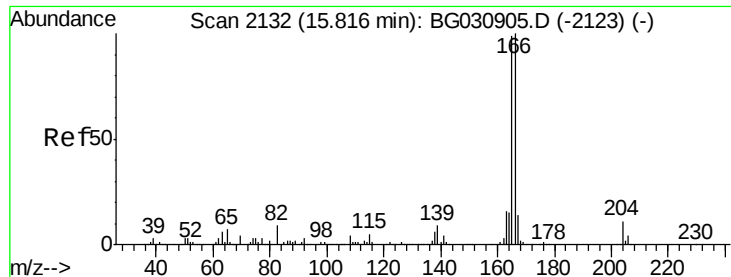
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#56
2,4-Dinitrotoluene
Concen: 52.566 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	116875		
63	33.1	42.0	63.0#	
89	52.0	66.9	100.3#	
182	3.4	2.6	3.8	





#57

Fluorene

Concen: 48.179 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

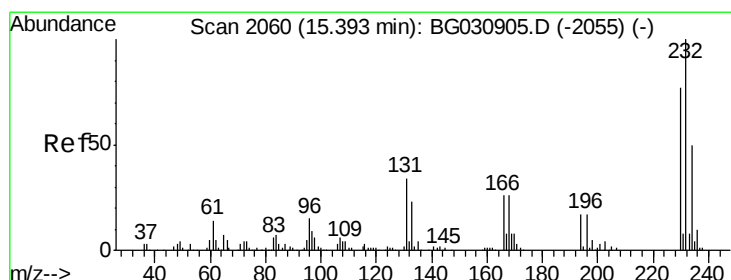
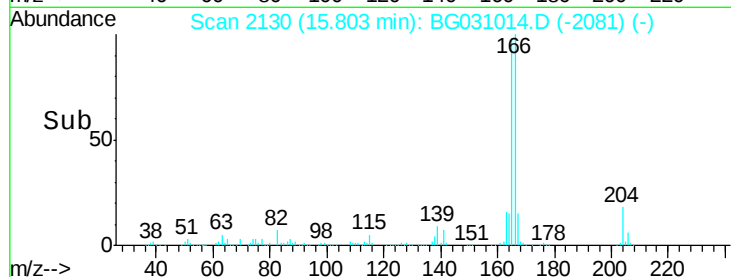
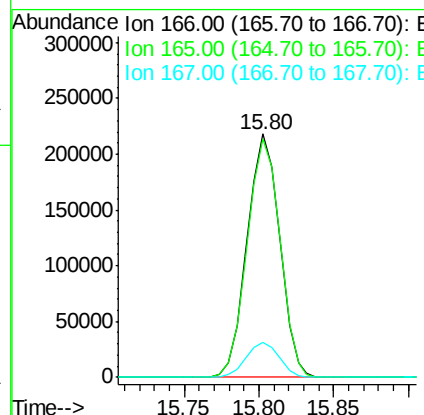
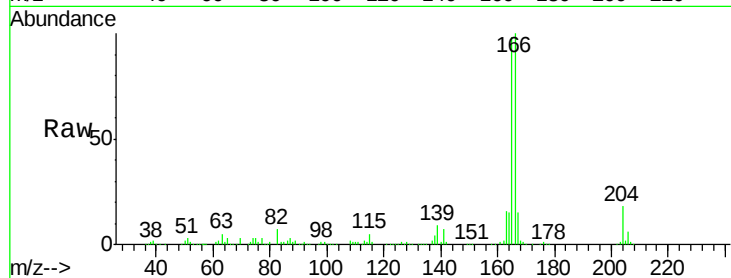
ClientSampleId :

PB104186BS

Tgt Ion:	166	Resp:	328818
Ion Ratio	Lower	Upper	
166	100		
165	97.8	80.6	121.0
167	14.6	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 62.221 ng

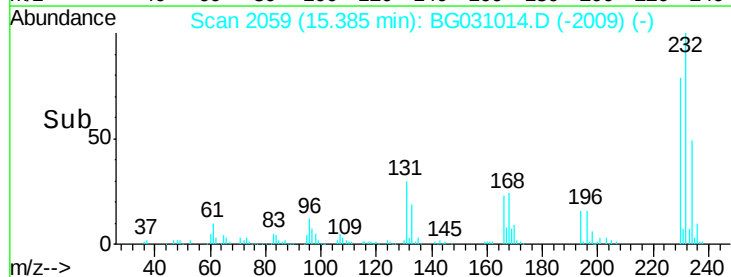
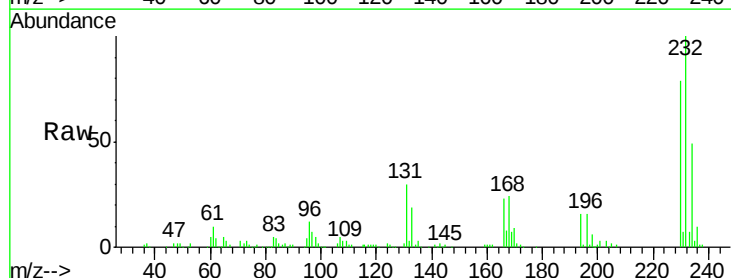
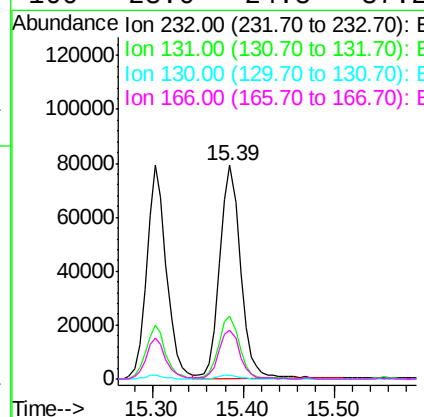
RT: 15.39 min Scan# 2059

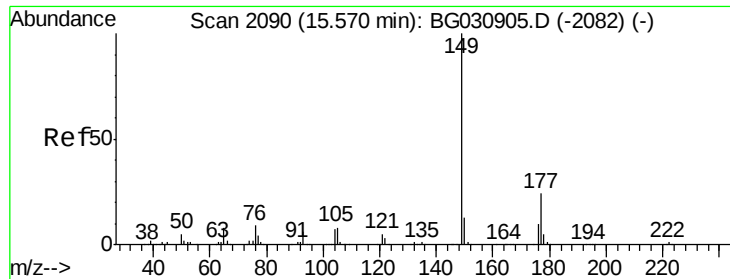
Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	232	Resp:	127043
Ion Ratio	Lower	Upper	
232	100		
131	29.0	33.5	50.3#
130	1.8	2.2	3.2#
166	23.6	24.8	37.2#





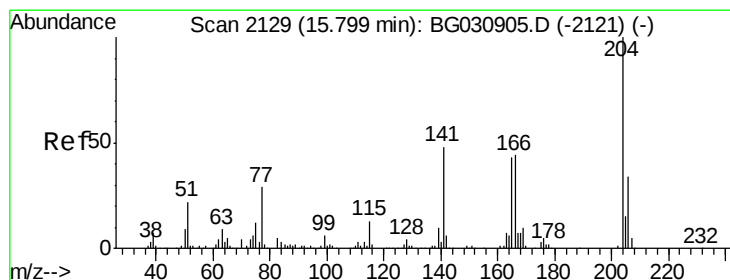
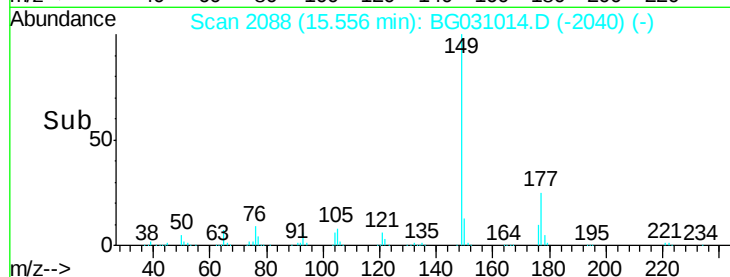
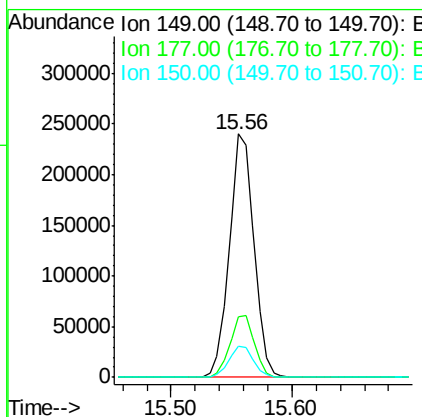
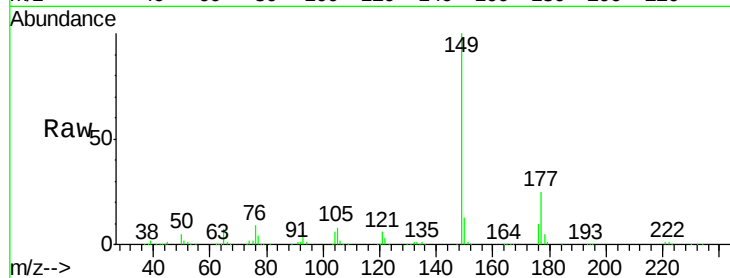
#59
Diethylphthalate
Concen: 44.907 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	12.5	10.2	15.2

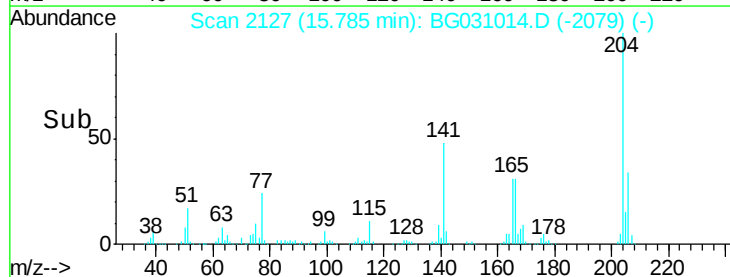
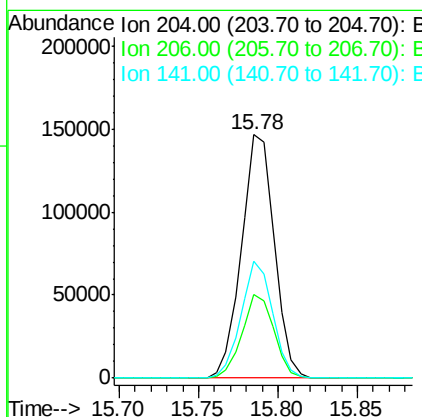
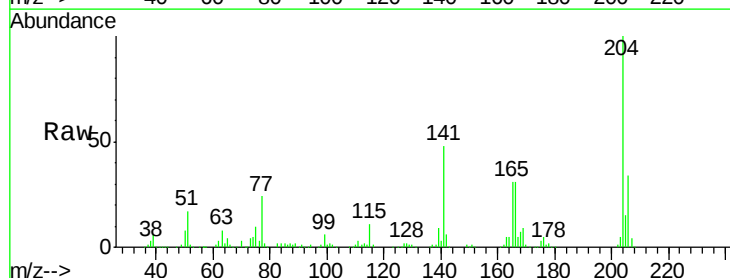
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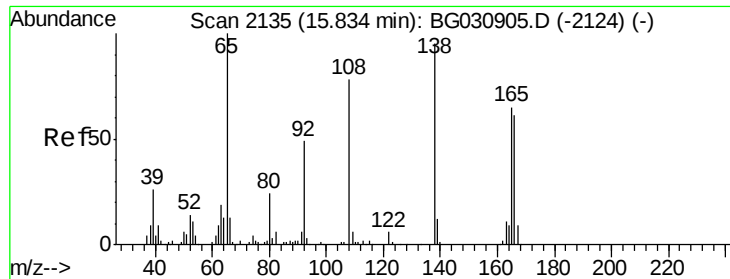
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#60
4-Chlorophenyl-phenylether
Concen: 51.149 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	47.9	45.8	68.6





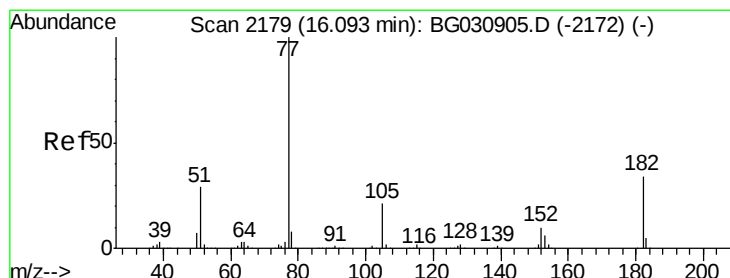
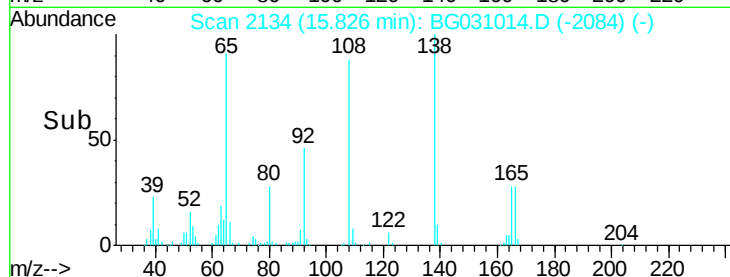
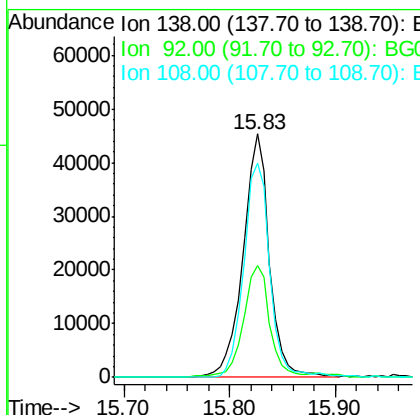
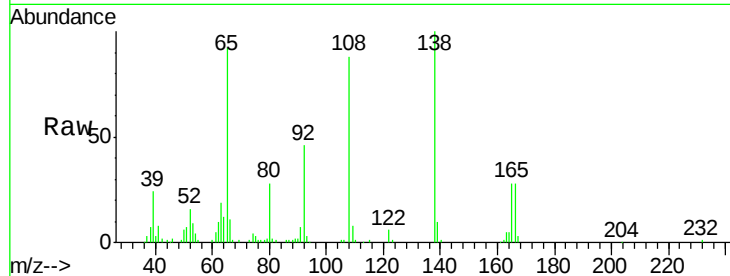
#61
4-Nitroaniline
Concen: 45.517 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	40.1	80.1
108	88.1	65.4	105.4

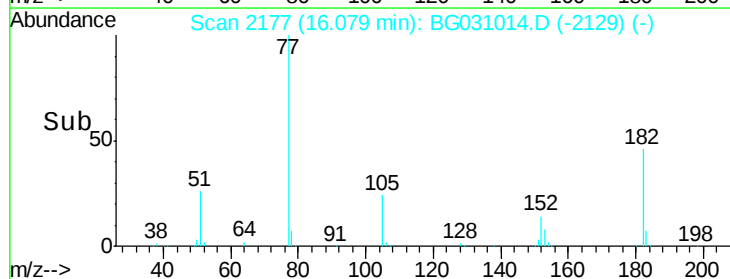
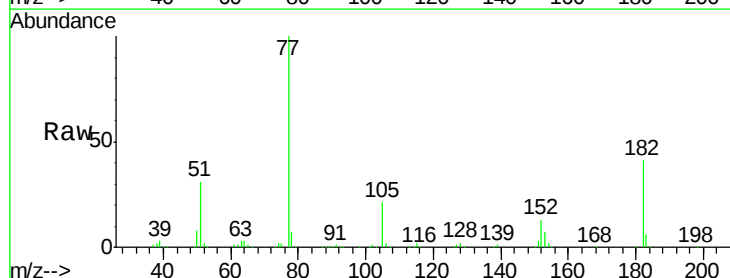
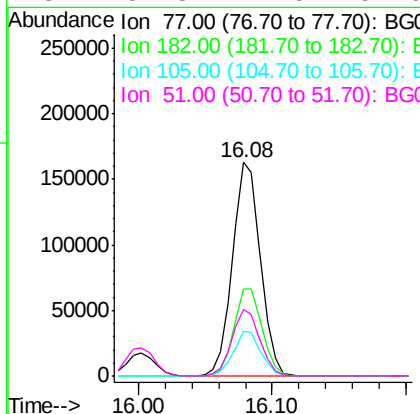
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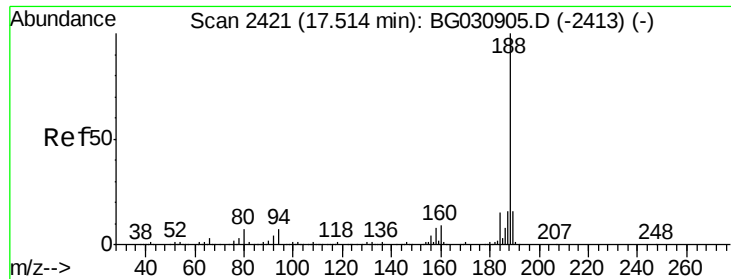
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#62
Azobenzene
Concen: 41.070 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	40.8	7.4	47.4
105	21.1	0.3	40.3
51	31.3	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

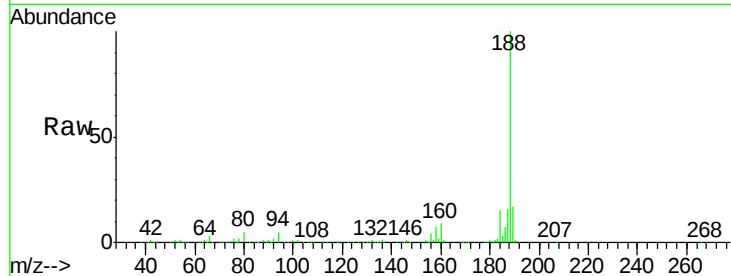
ClientSampleId :

PB104186BS

Tgt Ion:	188	Resp:	244384
Ion Ratio	Lower	Upper	
188	100		
94	4.6	6.9	10.3#
80	5.4	7.7	11.5#

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.50

150000

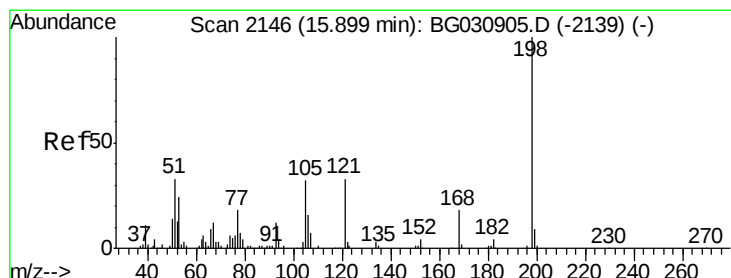
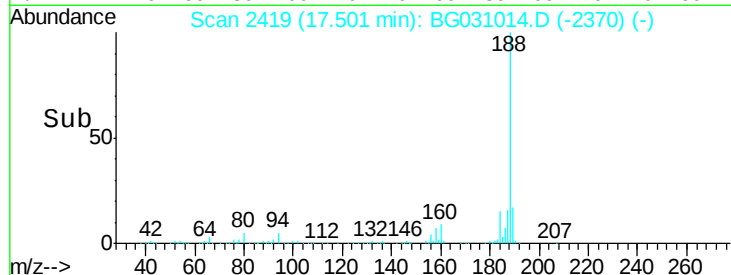
100000

50000

0

17.45 17.50 17.55

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 43.710 ng

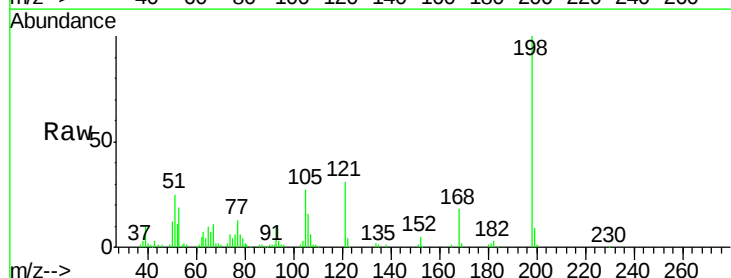
RT: 15.89 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	198	Resp:	71002
Ion Ratio	Lower	Upper	
198	100		
51	25.4	30.6	70.6#
105	27.1	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.89

60000

50000

40000

30000

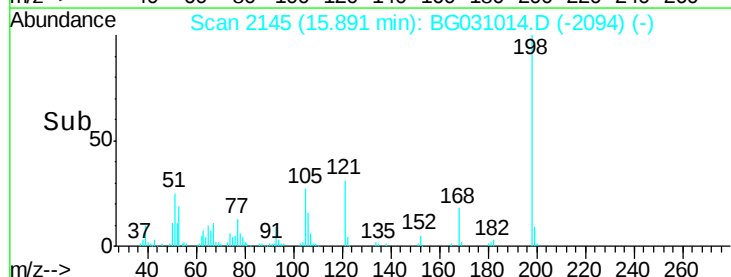
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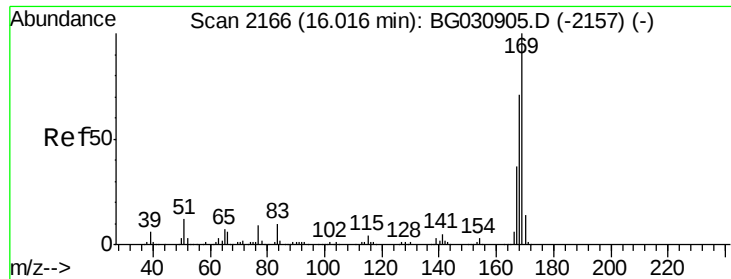
10000

0

15.80 15.90 16.00

Time-->





#65

n-Nitrosodiphenylamine

Concen: 42.041 ng

RT: 16.00 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

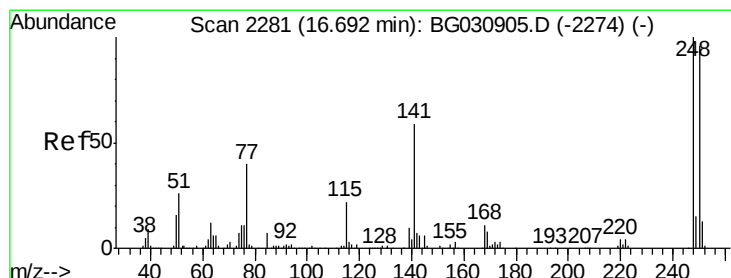
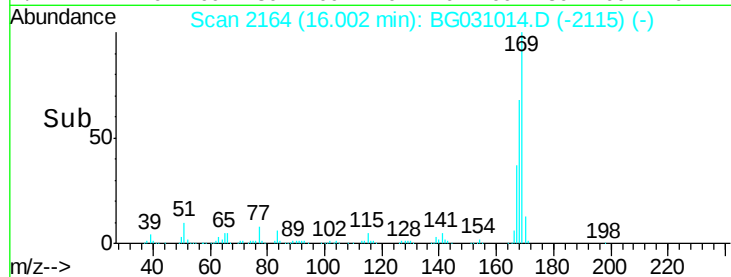
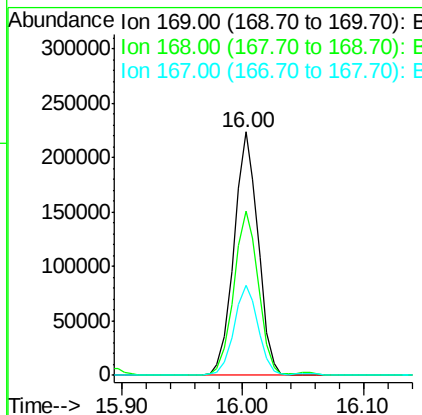
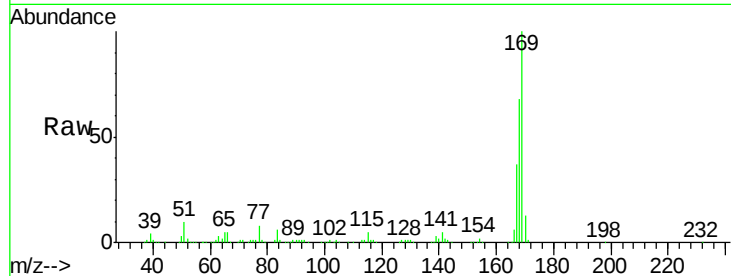
ClientSampleId :

PB104186BS

Tgt Ion:	169	Resp:	311332
Ion Ratio	Lower	Upper	
169	100		
168	67.7	55.7	83.5
167	36.9	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 49.839 ng

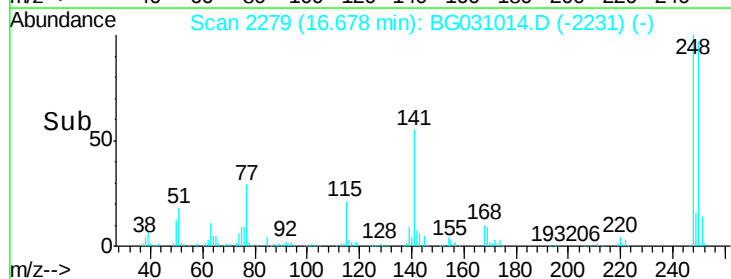
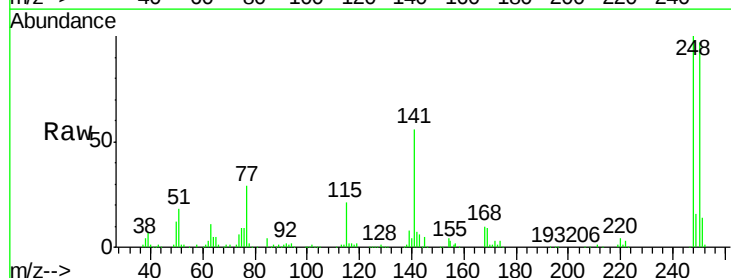
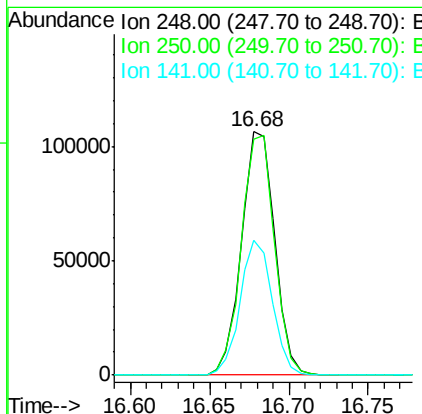
RT: 16.68 min Scan# 2279

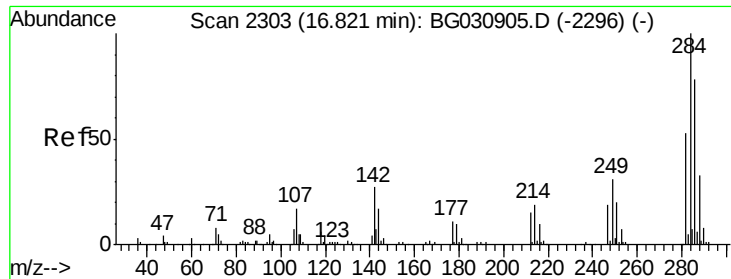
Delta R.T. -0.02 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	248	Resp:	154264
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.1	115.7
141	55.5	50.8	76.2





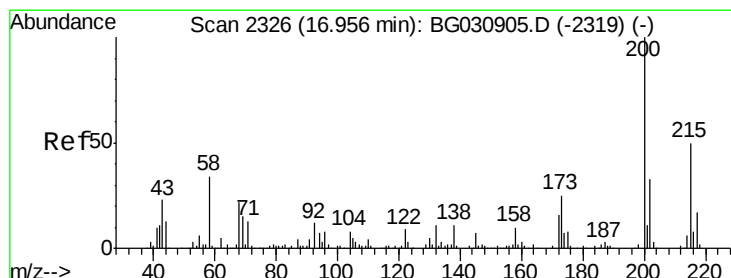
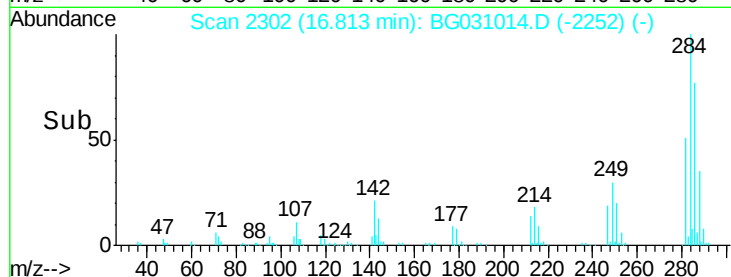
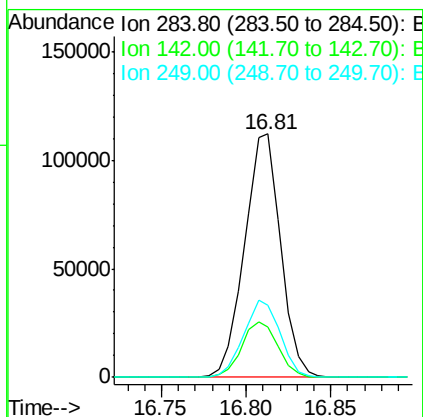
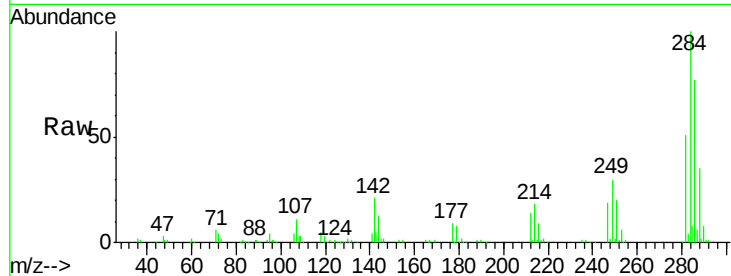
#67
Hexachlorobenzene
Concen: 50.648 ng
RT: 16.81 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	166571		
142	20.5	26.8	40.2	#
249	29.8	26.3	39.5	

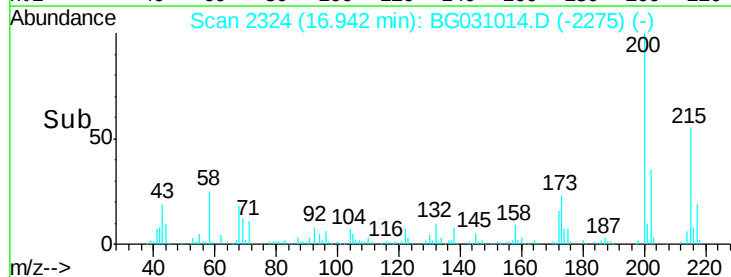
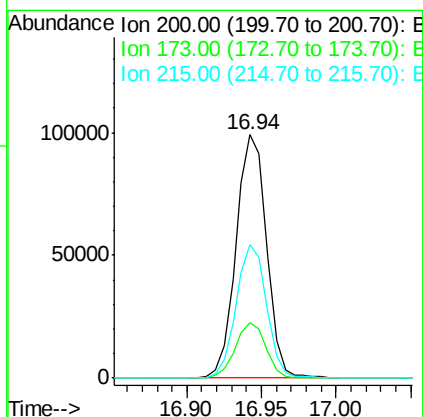
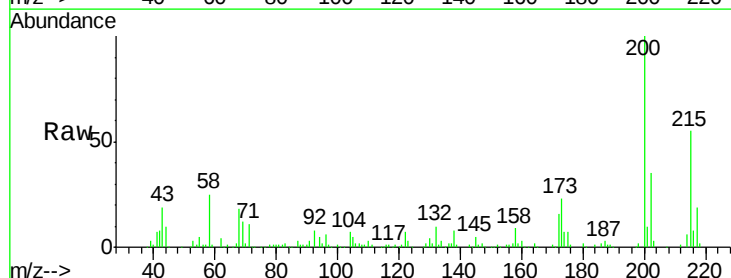
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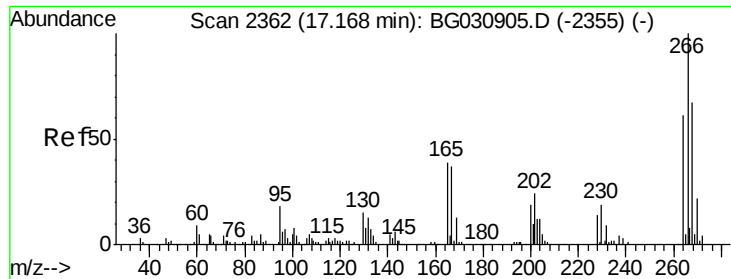
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#68
Atrazine
Concen: 45.992 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	140526		
173	22.6	5.2	45.2	
215	54.9	30.4	70.4	





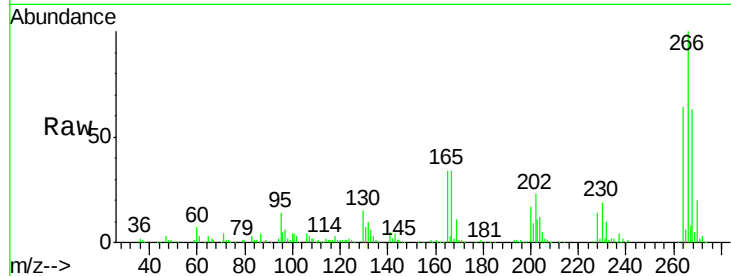
#69
 Pentachlorophenol
 Concen: 97.674 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

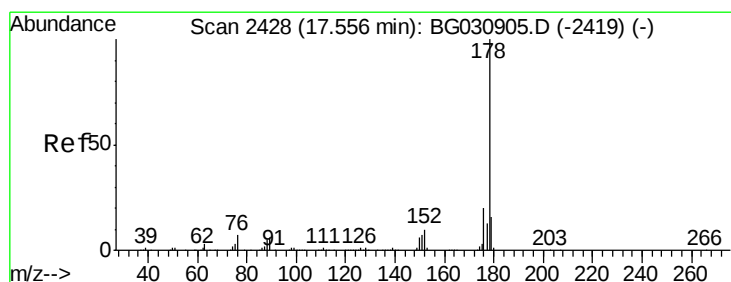
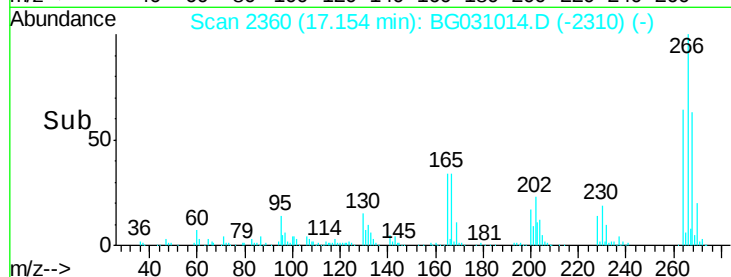
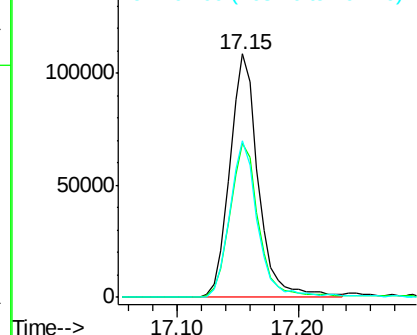
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	177569		
268	63.5	51.1	76.7	
264	64.3	49.6	74.4	

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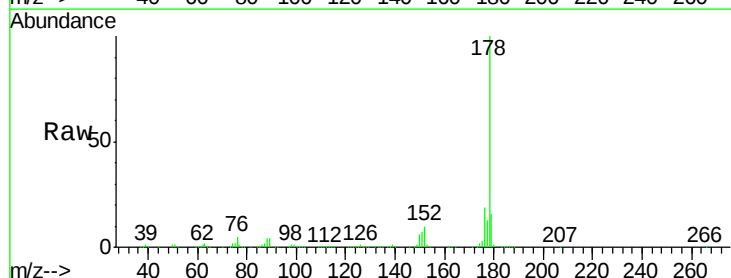


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

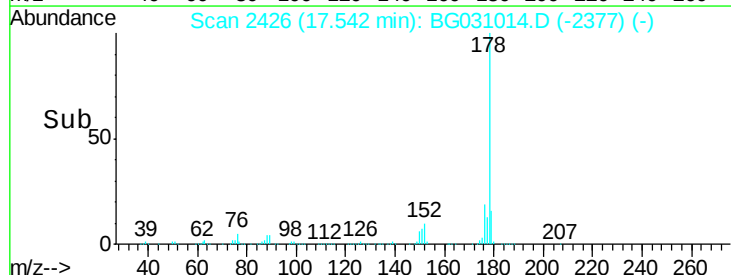
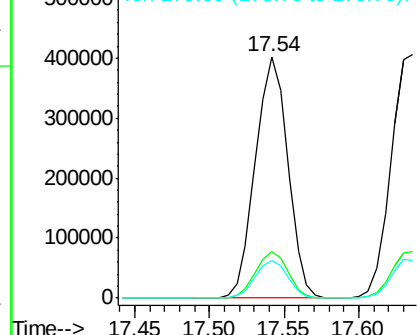


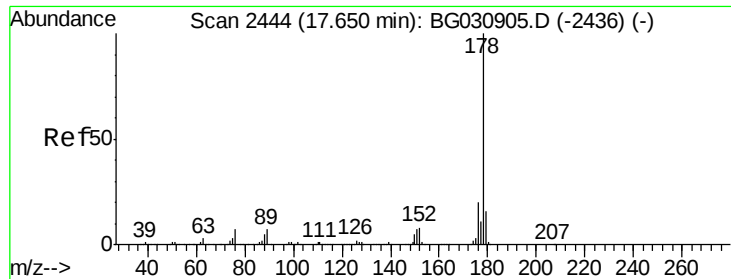
#70
 Phenanthrene
 Concen: 47.435 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	603574		
176	19.2	15.7	23.5	
179	15.7	12.5	18.7	



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





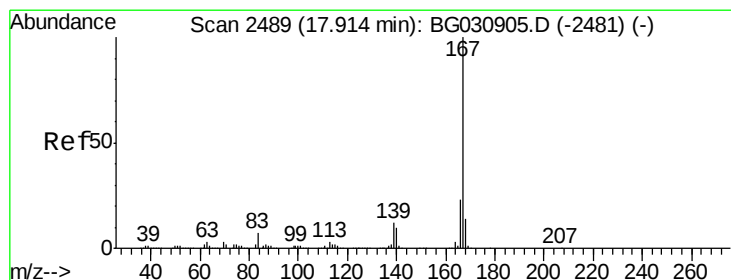
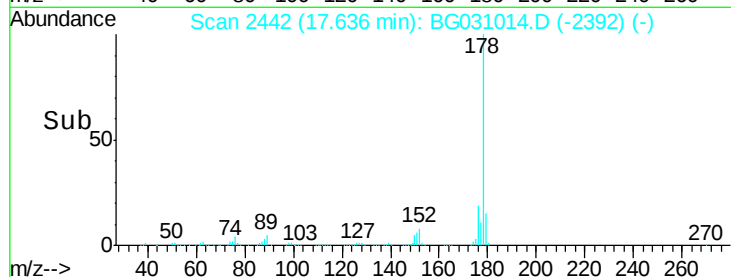
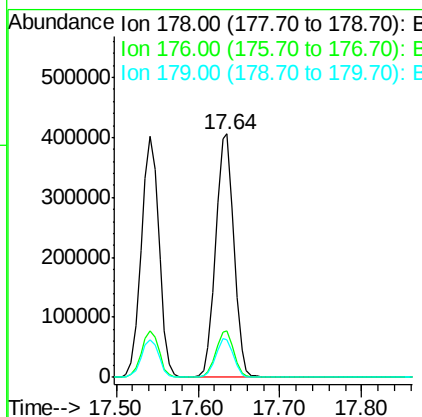
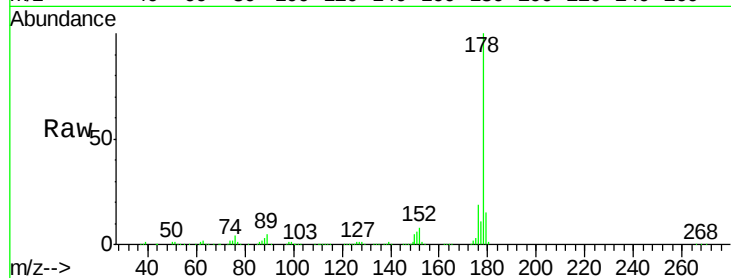
#71
 Anthracene
 Concen: 49.443 ng
 RT: 17.64 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.3	12.5	18.7

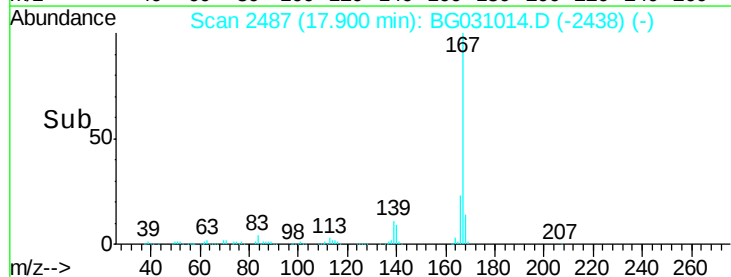
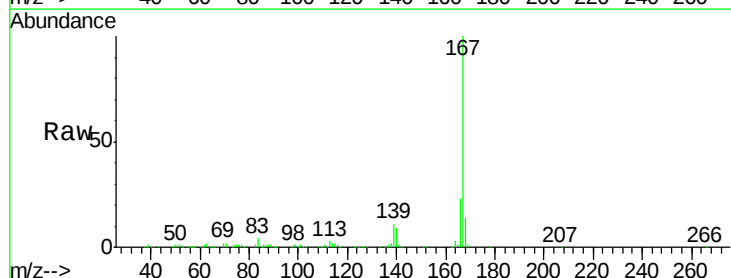
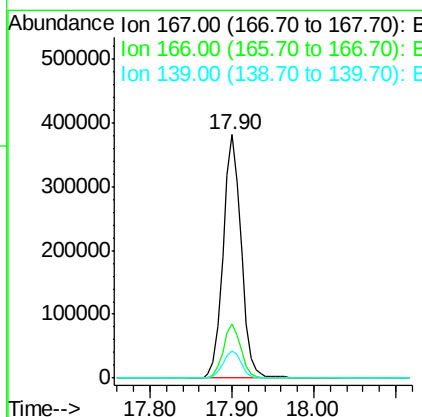
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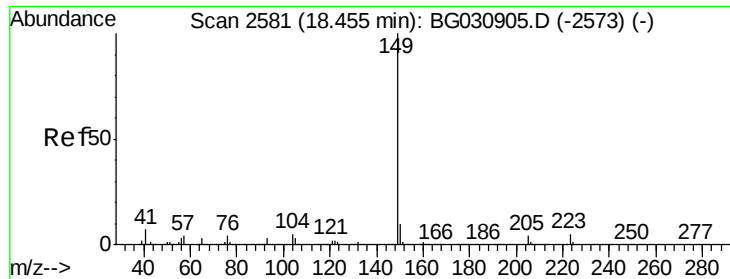
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#72
 Carbazole
 Concen: 48.828 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	11.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.251 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

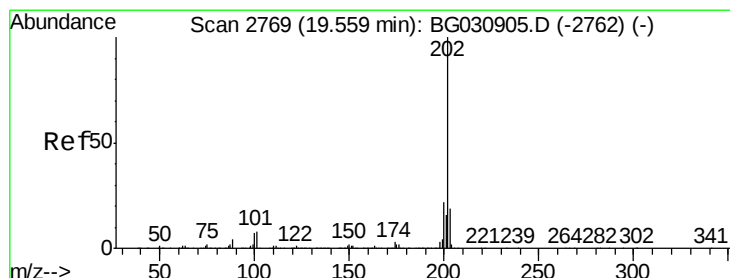
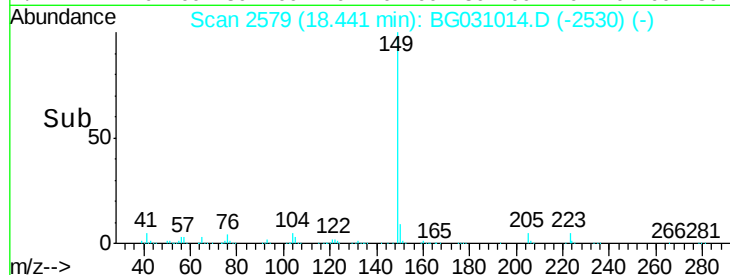
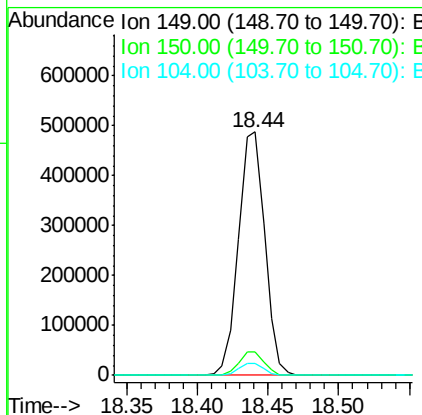
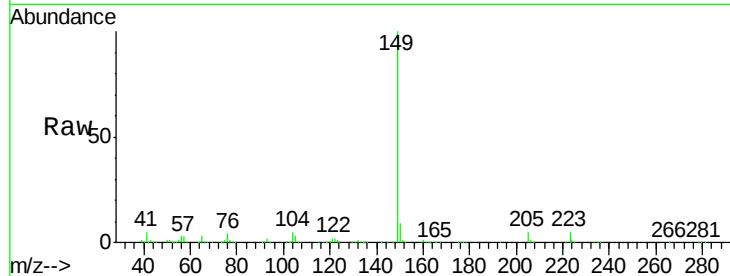
ClientSampleId :

PB104186BS

Tgt Ion:	149	Resp:	634416
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.9	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 57.034 ng

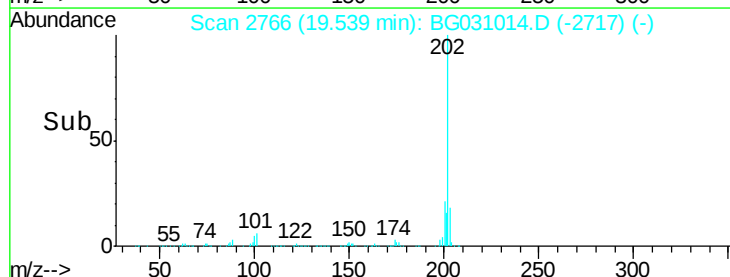
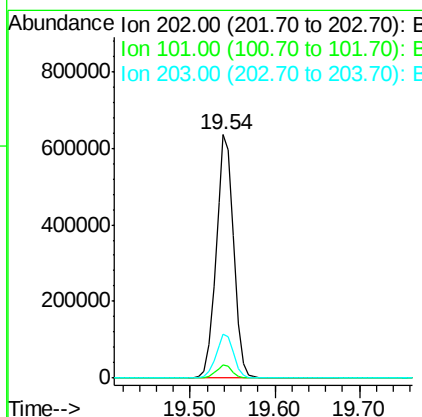
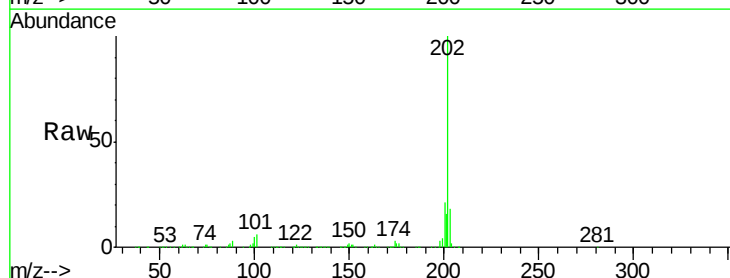
RT: 19.54 min Scan# 2766

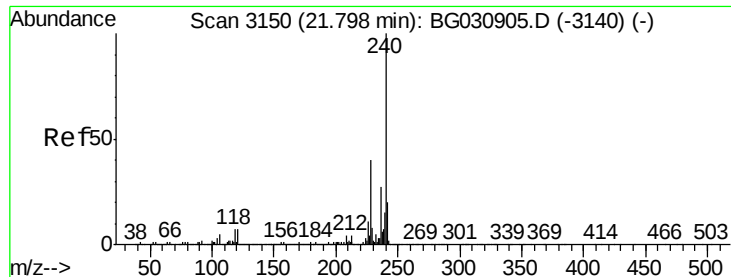
Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	202	Resp:	918868
Ion Ratio	Lower	Upper	
202	100		
101	5.5	0.0	28.9
203	18.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

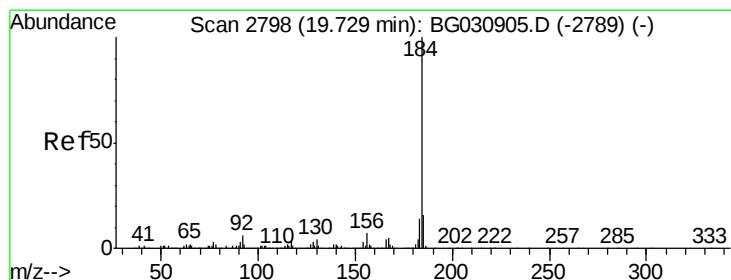
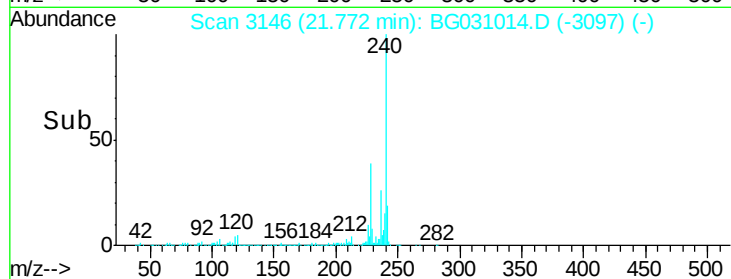
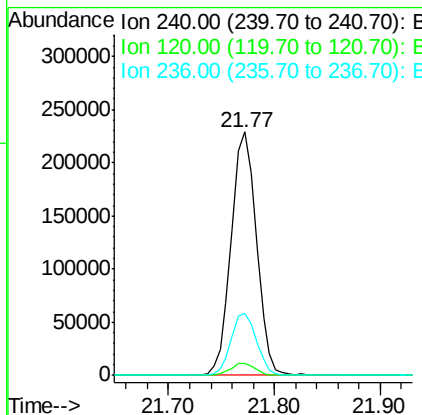
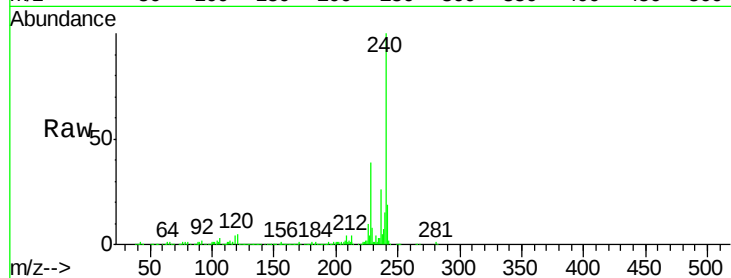
ClientSampleId :

PB104186BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.5	20.9	31.3

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#76

Benzidine

Concen: 25.267 ng

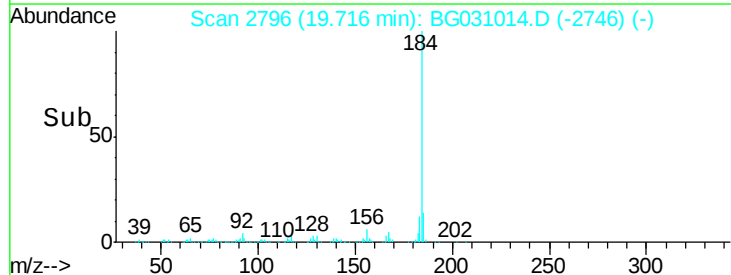
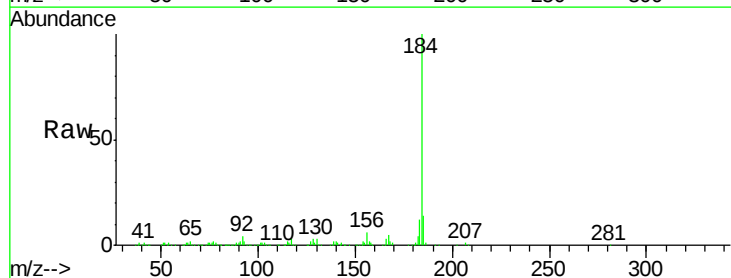
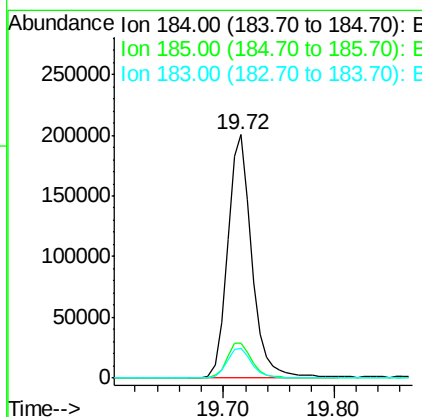
RT: 19.72 min Scan# 2796

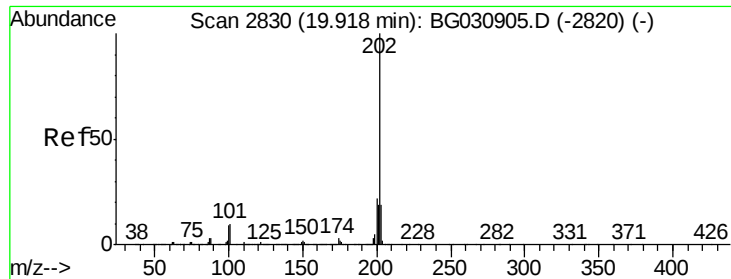
Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	12.5	10.6	16.0





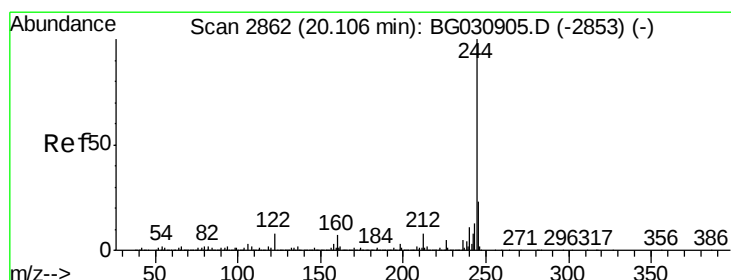
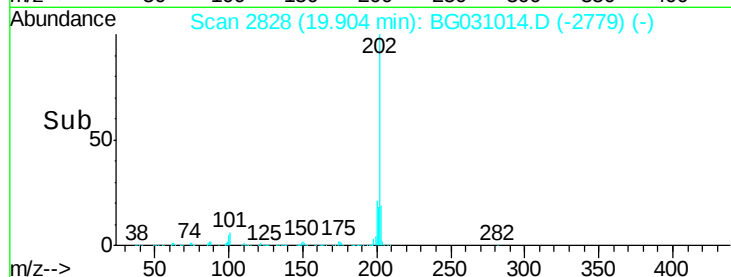
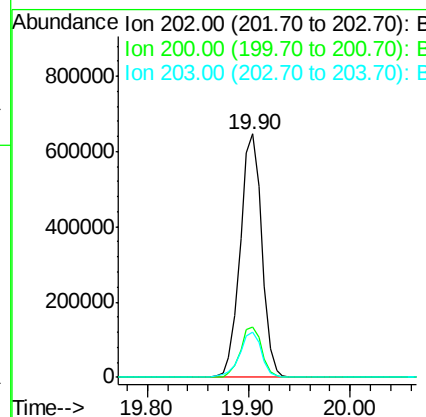
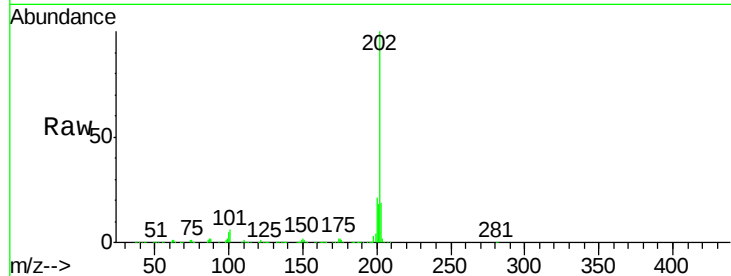
#77
 Pyrene
 Concen: 42.422 ng
 RT: 19.90 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	16.9	25.3
203	18.6	13.9	20.9

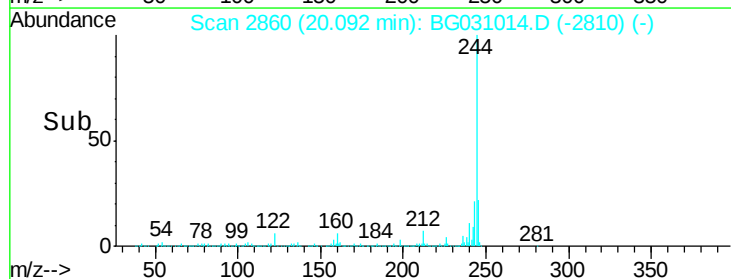
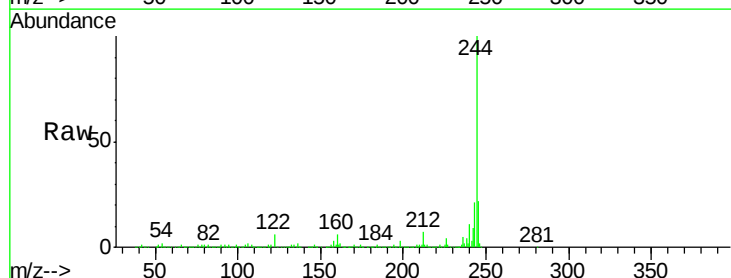
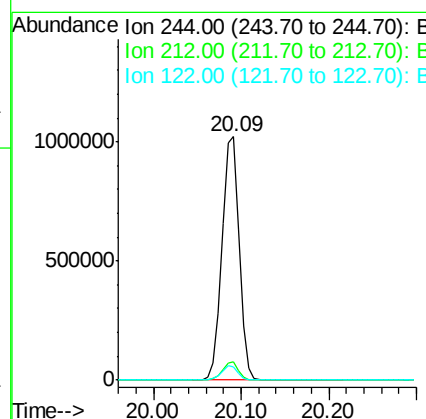
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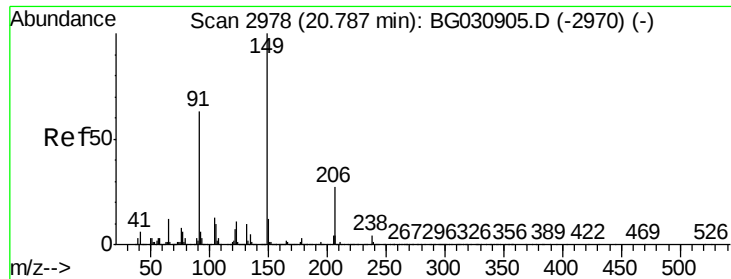
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#78
 Terphenyl-d14
 Concen: 81.850 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	5.8	8.8
122	5.6	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 39.087 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

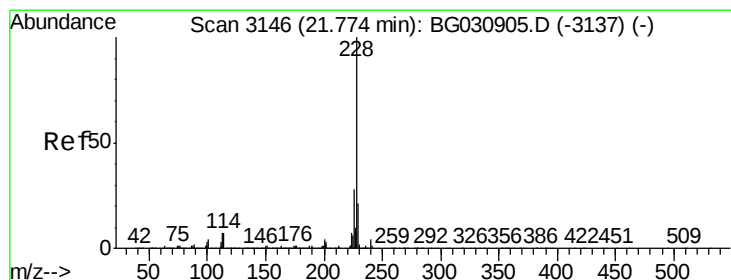
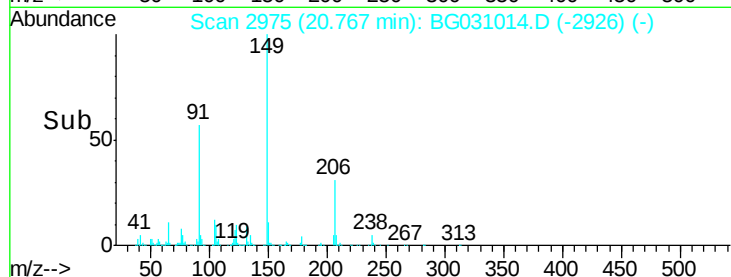
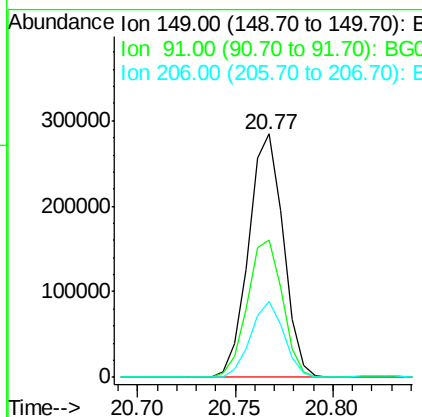
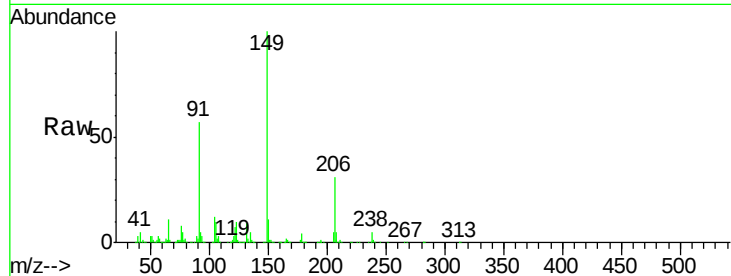
ClientSampleId :

PB104186BS

Tgt Ion:	149	Resp:	350204
Ion Ratio	Lower	Upper	
149	100		
91	56.6	62.2	93.2#
206	31.3	18.6	27.8#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 45.944 ng

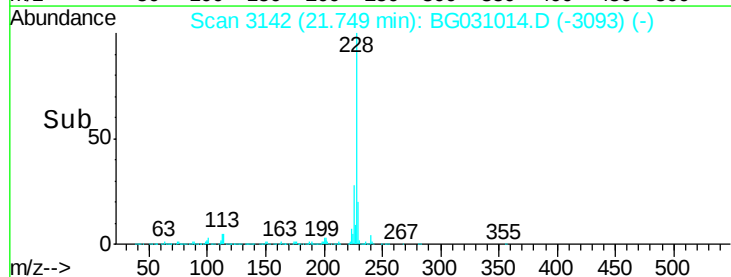
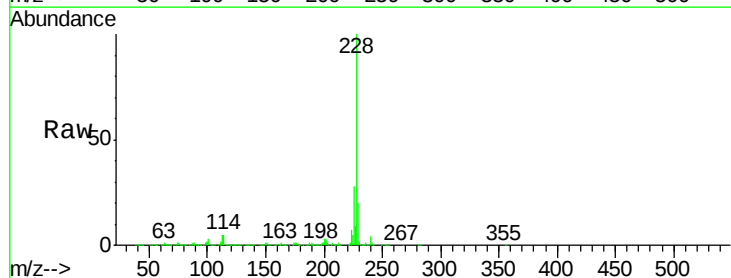
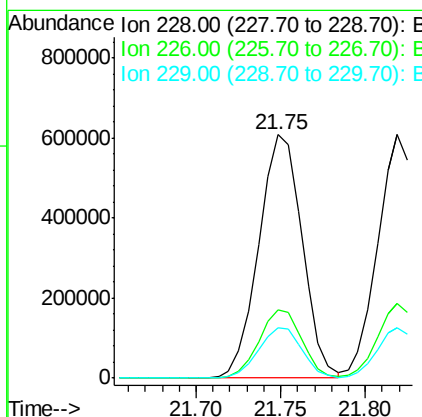
RT: 21.75 min Scan# 3142

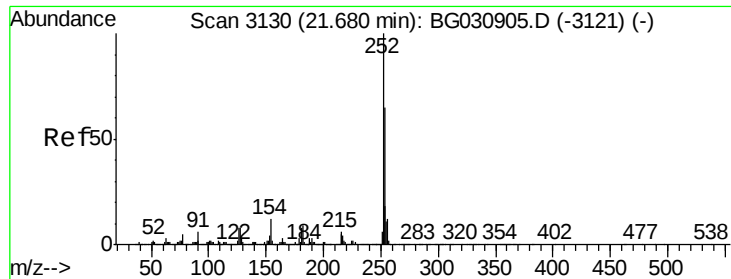
Delta R.T. -0.01 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion:	228	Resp:	1080700
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.7	34.1
229	20.5	16.2	24.2





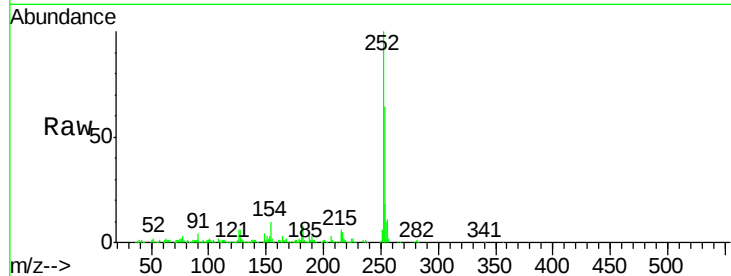
#81
 3,3'-Dichlorobenzidine
 Concen: 24.136 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

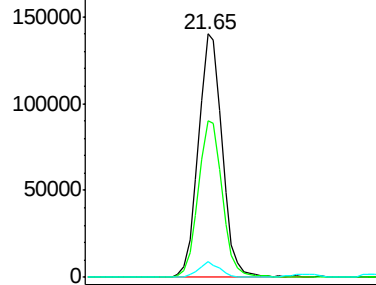
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	229177		
254	64.4	50.8	76.2	
126	6.4	7.4	11.2	

Manual Integrations
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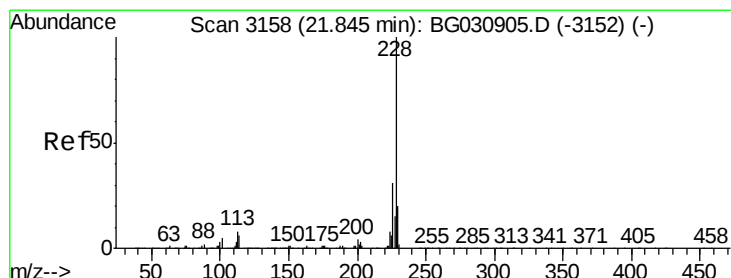
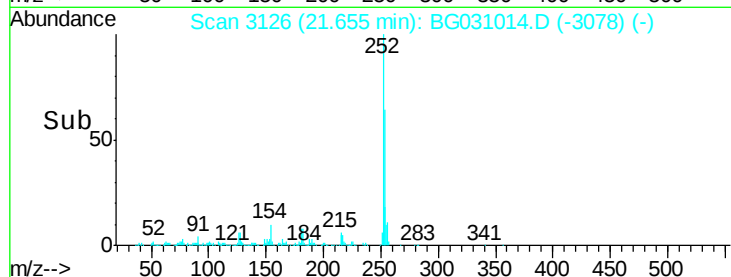
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Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

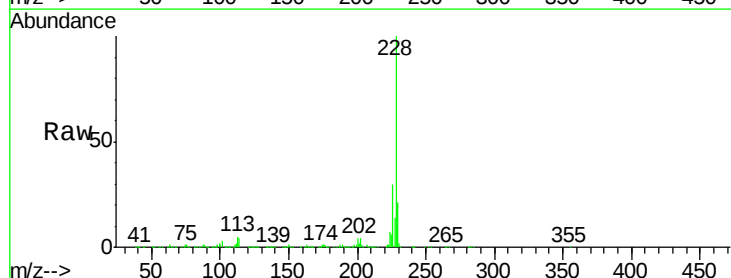


Time-->

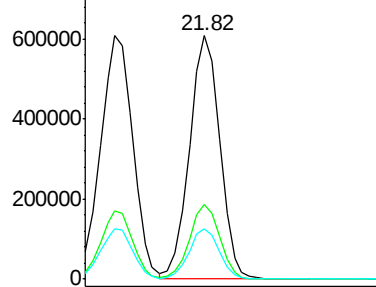


#82
 Chrysene
 Concen: 46.308 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

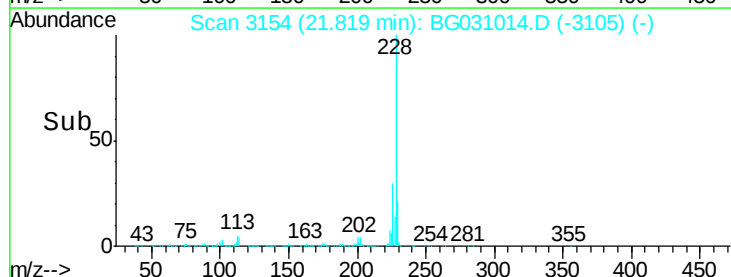
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1007609		
226	30.5	24.9	37.3	
229	20.7	15.0	22.4	

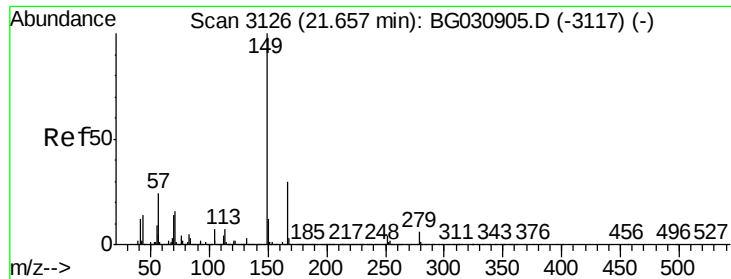


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->





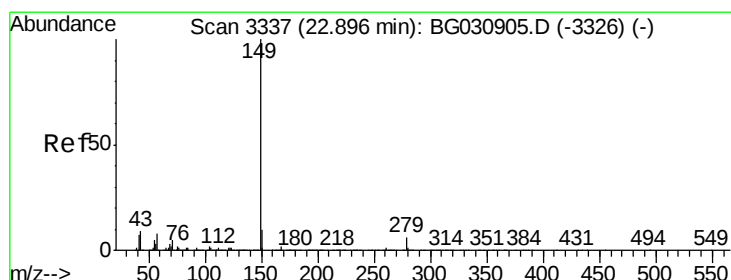
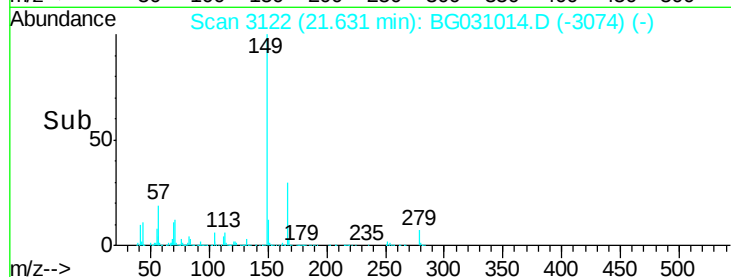
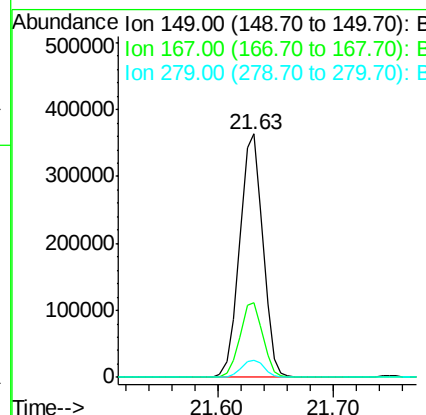
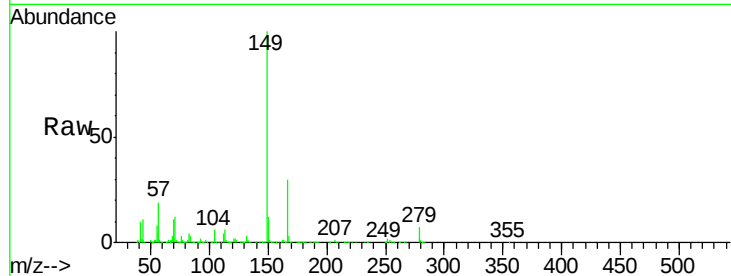
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.912 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	30.4	24.3	36.5
279	7.2	4.0	6.0

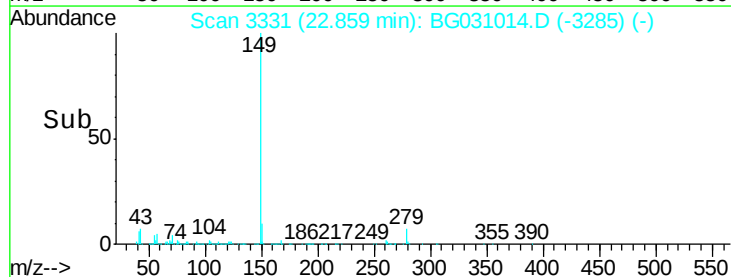
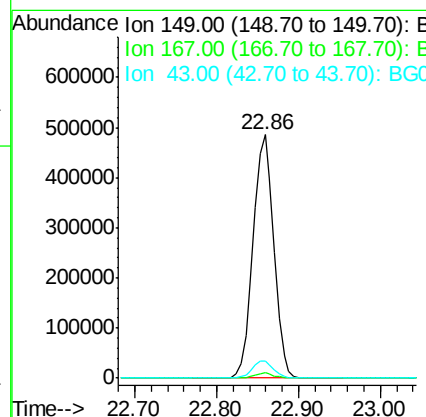
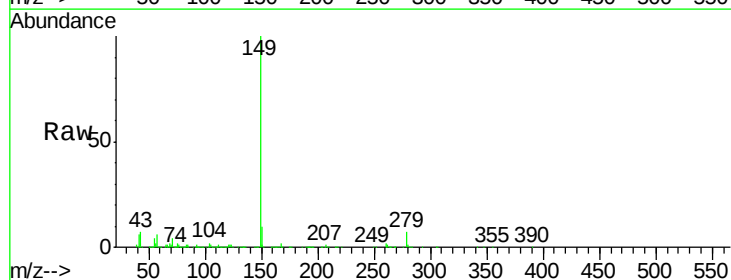
Manual Integrations
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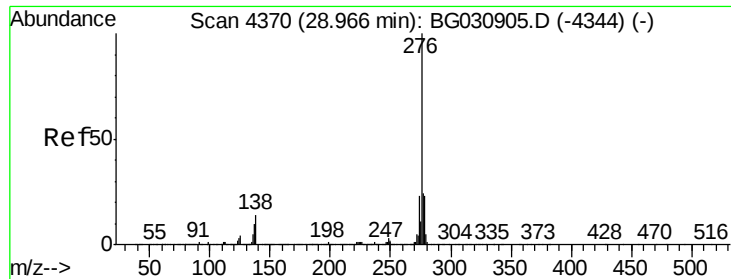
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#84
 Di-n-octyl phthalate
 Concen: 40.653 ng
 RT: 22.86 min Scan# 3331
 Delta R.T. -0.03 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.9	1.4	2.0
43	7.1	8.9	13.3





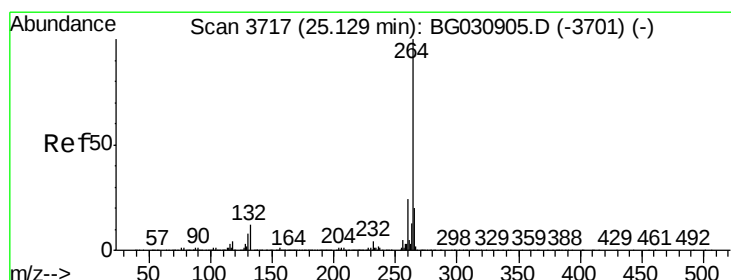
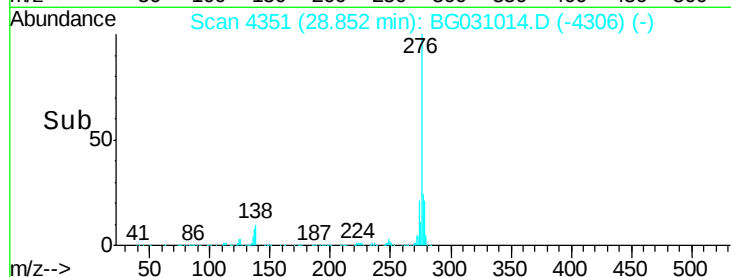
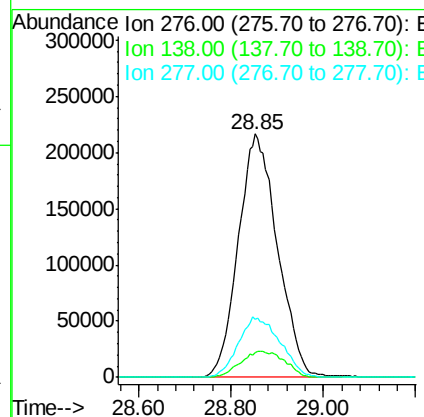
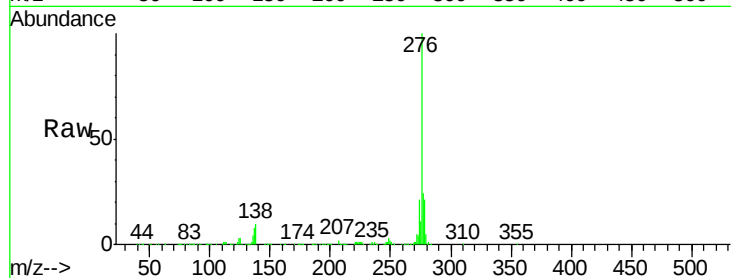
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.235 ng
 RT: 28.85 min Scan# 4351
 Delta R.T. -0.04 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.3	16.0	24.0#
277	26.3	20.0	30.0

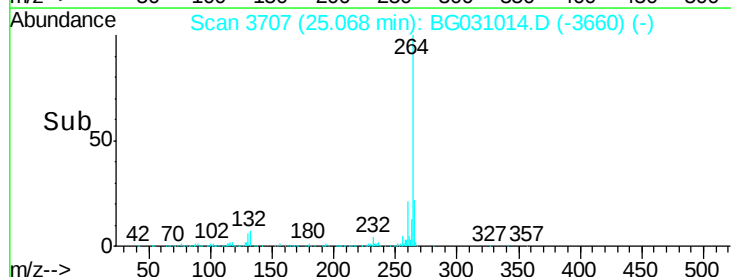
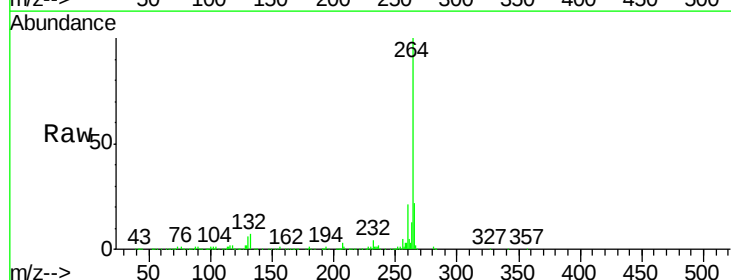
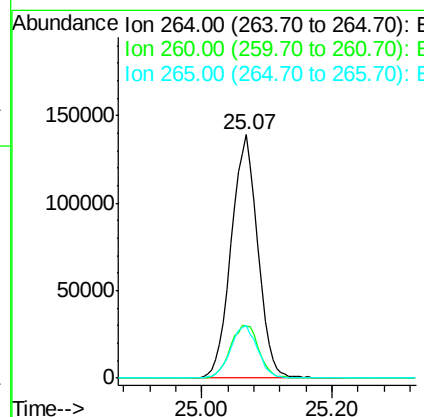
Manual Integrations
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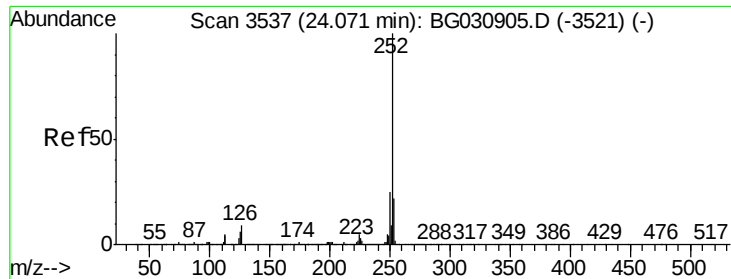
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.02 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	21.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.065 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Instrument :

BNA_G

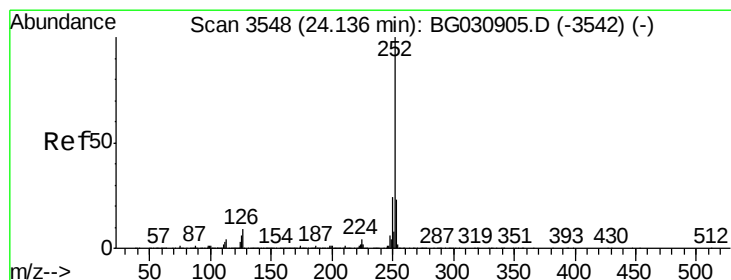
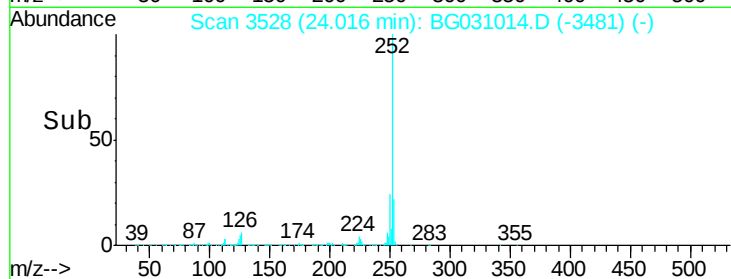
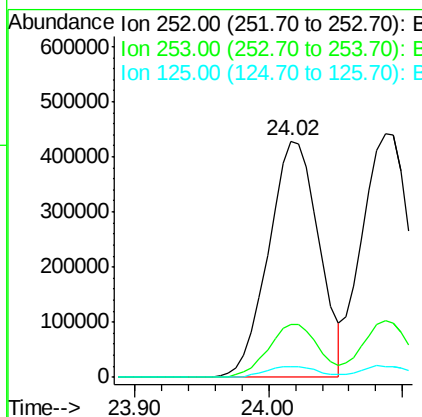
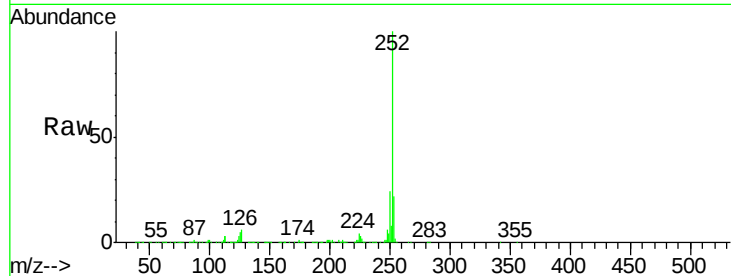
ClientSampleId :

PB104186BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	4.7	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 46.993 ng

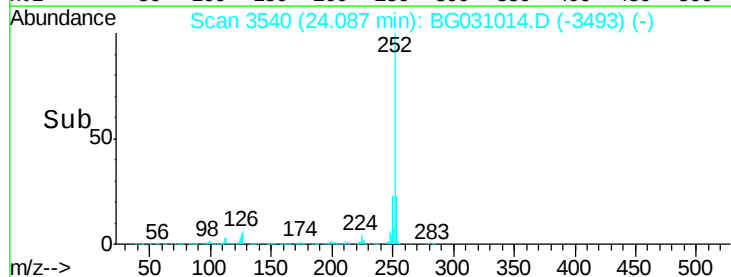
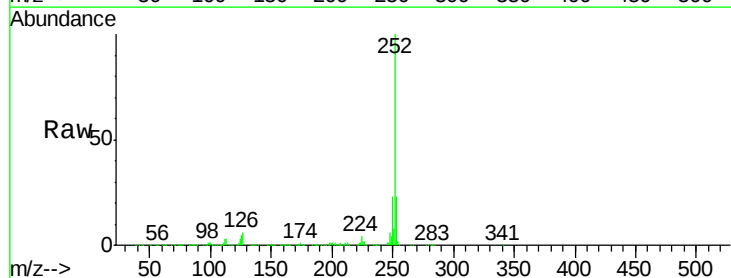
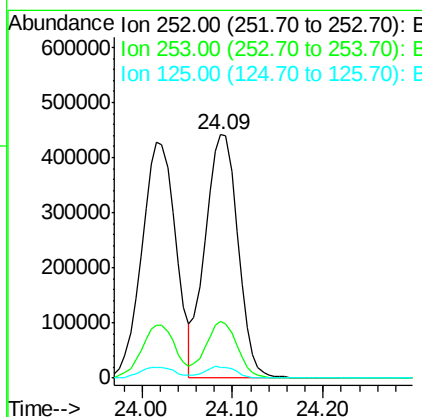
RT: 24.09 min Scan# 3540

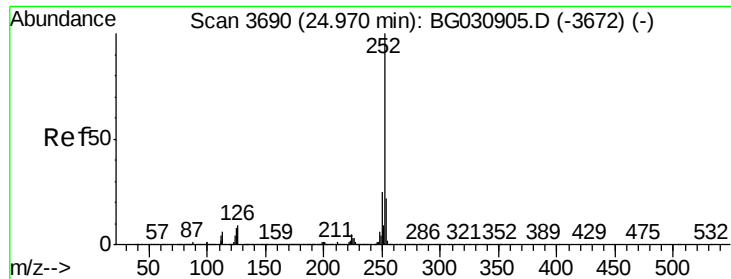
Delta R.T. -0.02 min

Lab File: BG031014.D

Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	4.5	6.6	9.8





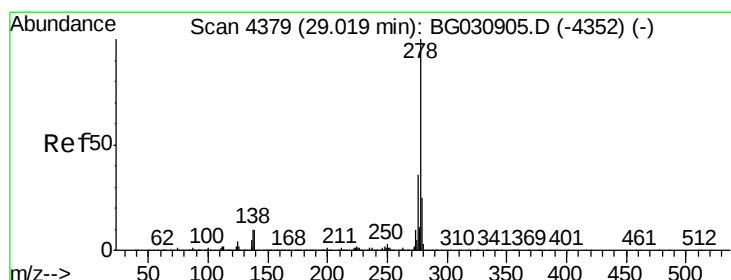
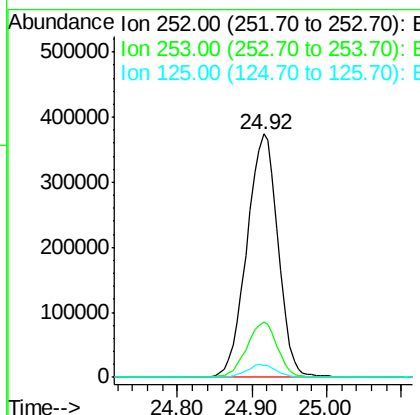
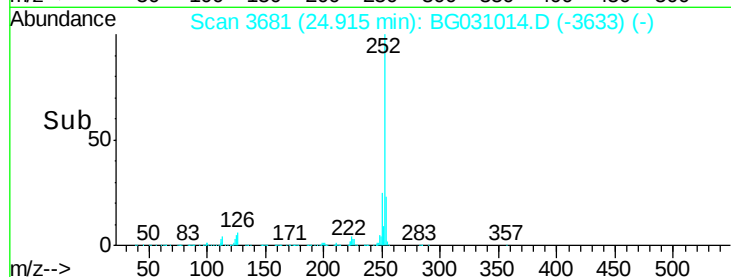
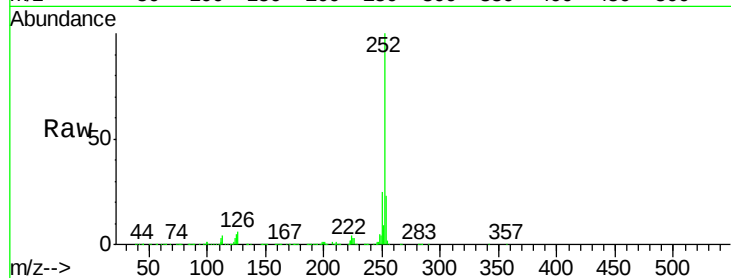
#89
Benzo(a)pyrene
Concen: 48.014 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	4.9	7.3	10.9

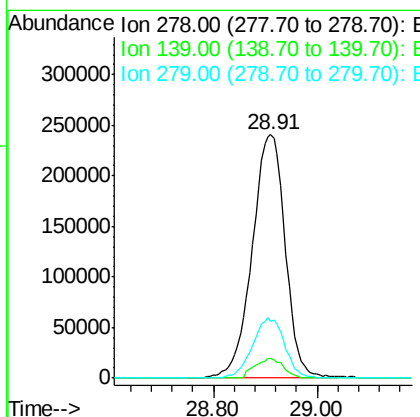
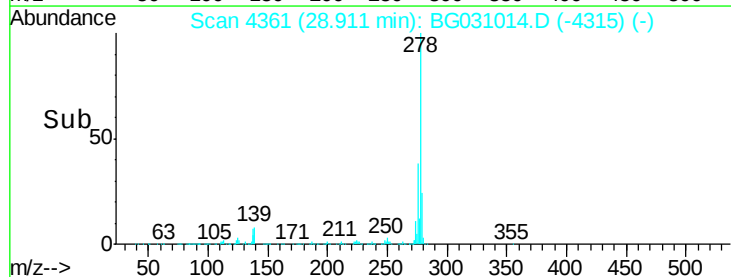
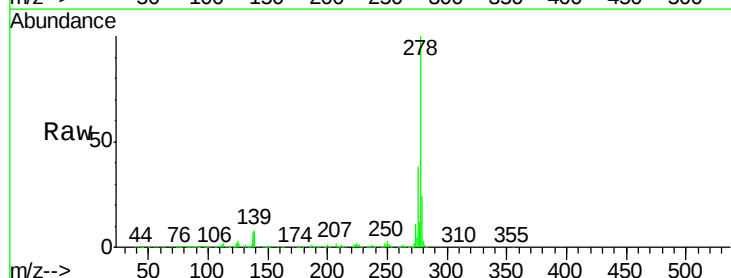
Manual Integrations
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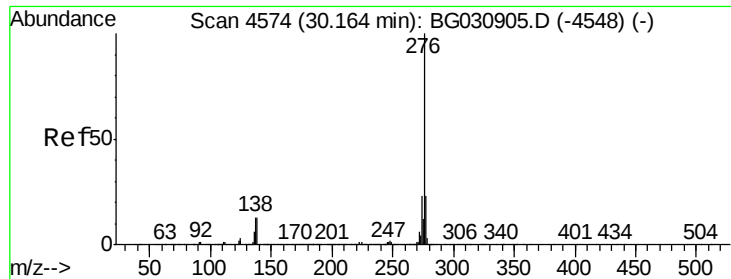
SOHIL
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#90
Dibenzo(a,h)anthracene
Concen: 46.140 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG031014.D
Acq: 15 Nov 2017 14:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	9.8	14.6
279	23.5	18.4	27.6





#91
 Benzo(g,h,i)perylene
 Concen: 47.560 ng
 RT: 30.04 min Scan# 4553
 Delta R.T. -0.04 min
 Lab File: BG031014.D
 Acq: 15 Nov 2017 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	9.4	13.9	20.9

Manual Integrations
 APPROVED

SOHIL
 11/16/2017 6:29:29 PM

