

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031211.D
 Acq On : 23 Nov 2017 5:43
 Operator : SJ/JU
 Sample : I6305-12MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Manual Integrations
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Sohil
 11/27/2017 3:22:08 PM

Quant Time: Nov 23 23:30:30 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	61409	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	268789	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	181900	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	457888	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	526371	20.00	ng	-0.02
86) Perylene-d12	25.07	264	525806	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	524843	146.55	ng	0.00
7) Phenol-d6	7.30	99	643499	133.38	ng	0.00
23) Nitrobenzene-d5	9.31	82	435020	95.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	364509	123.88	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1240098	97.96	ng	-0.02
78) Terphenyl-d14	20.09	244	2188415	91.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	57805	39.775	ng	# 84
3) Pyridine	3.97	79	161347	38.242	ng	89
4) n-Nitrosodimethylamine	3.87	42	80885	40.451	ng	# 94
6) Aniline	7.46	93	77667	12.232	ng	# 88
8) 2-Chlorophenol	7.70	128	205950	52.112	ng	88
9) Benzaldehyde	7.27	77	56856	16.840	ng	89
10) Phenol	7.33	94	232036	46.311	ng	90
11) bis(2-Chloroethyl)ether	7.55	93	187373	46.837	ng	90
12) 1,3-Dichlorobenzene	8.17	146	197092	42.506	ng	96
13) 1,4-Dichlorobenzene	8.17	146	197092	41.946	ng	95
14) 1,2-Dichlorobenzene	8.49	146	192647	42.717	ng	99
15) Benzyl Alcohol	8.38	79	177412	45.843	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	269755	61.046	ng	92
17) 2-Methylphenol	8.58	107	177004	50.731	ng	96
18) Hexachloroethane	9.22	117	66551	40.695	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	155978	42.520	ng	# 95
20) 3+4-Methylphenols	8.92	107	242719	48.923	ng	95
22) Acetophenone	8.96	105	306569	45.807	ng	# 92
24) Nitrobenzene	9.35	77	224222	48.391	ng	# 89
25) Isophorone	9.86	82	443316	50.112	ng	# 93
26) 2-Nitrophenol	10.06	139	125695	52.043	ng	# 86
27) 2,4-Dimethylphenol	10.12	122	208666	58.195	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	274825	49.325	ng	97
29) 2,4-Dichlorophenol	10.61	162	236110	54.837	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	243105	47.292	ng	99
31) Naphthalene	11.00	128	636089	48.140	ng	98
32) Benzoic acid	10.28	122	8720m	8.237	ng	
33) 4-Chloroaniline	11.12	127	17857	3.087	ng	# 86
34) Hexachlorobutadiene	11.27	225	153398	43.028	ng	96
35) Caprolactam	11.87	113	61937m	35.214	ng	
36) 4-Chloro-3-methylphenol	12.23	107	239087	51.019	ng	# 85
37) 2-Methylnaphthalene	12.60	142	505116	49.519	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	314647	43.583	ng	96
40) Hexachlorocyclopentadiene	12.94	237	231609	85.843	ng	94

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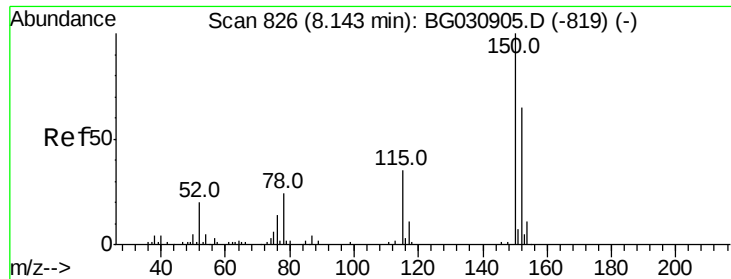
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Quant Time: Nov 23 23:30:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	212739	51.546	nq	99
43) 2,4,5-Trichlorophenol	13.29	196	231348	51.233	nq	# 91
45) 1,1'-Biphenyl	13.59	154	686460	45.510	nq	98
46) 2-Chloronaphthalene	13.64	162	545135	50.090	nq	96
47) 2-Nitroaniline	13.84	65	155182	48.108	nq	# 80
48) Acenaphthylene	14.48	152	842080	47.275	nq	98
49) Dimethylphthalate	14.21	163	749551	47.658	nq	99
50) 2,6-Dinitrotoluene	14.33	165	171771	52.988	nq	# 74
51) Acenaphthene	14.82	154	536273	48.207	nq	99
52) 3-Nitroaniline	14.67	138	24745	7.189	nq	# 78
53) 2,4-Dinitrophenol	14.88	184	66215	40.271	nq	# 48
54) Dibenzofuran	15.15	168	877095	49.499	nq	99
55) 4-Nitrophenol	14.99	139	211171	86.123	nq	# 78
56) 2,4-Dinitrotoluene	15.12	165	244886	52.253	nq	# 71
57) Fluorene	15.80	166	706960	49.143	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	231826	53.866	nq	# 90
59) Diethylphthalate	15.56	149	740620	46.358	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	416332	47.919	nq	92
61) 4-Nitroaniline	15.83	138	162456	44.571	nq	84
62) Azobenzene	16.08	77	588526	48.303	nq	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	85686	28.153	nq	76
65) n-Nitrosodiphenylamine	16.00	169	658876	47.486	nq	100
66) 4-Bromophenyl-phenylether	16.68	248	275438	47.495	nq	94
67) Hexachlorobenzene	16.81	284	284363	46.147	nq	95
68) Atrazine	16.94	200	273530	47.780	nq	97
69) Pentachlorophenol	17.15	266	270039	79.278	nq	99
70) Phenanthrene	17.54	178	1208856	50.705	nq	98
71) Anthracene	17.63	178	1228140	51.411	nq	99
72) Carbazole	17.90	167	1140271	50.943	nq	98
73) Di-n-butylphthalate	18.44	149	1291008	46.975	nq	99
74) Fluoranthene	19.54	202	1568289	51.955	nq	97
76) Benzidine	19.71	184	355961	21.053	nq	99
77) Pyrene	19.90	202	1586390	50.789	nq	96
79) Butylbenzylphthalate	20.76	149	637064	51.154	nq	# 83
80) Benzo(a)anthracene	21.75	228	1626087	49.734	nq	98
81) 3,3'-Dichlorobenzidine	21.66	252	190285	14.418	nq	99
82) Chrysene	21.82	228	1534519	50.736	nq	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	892069	49.623	nq	99
84) Di-n-octyl phthalate	22.86	149	1520727	51.974	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1803817	49.058	nq	98
87) Benzo(b)fluoranthene	24.02	252	1633236	51.350	nq	99
88) Benzo(k)fluoranthene	24.10	252	1599381	50.732	nq	97
89) Benzo(a)pyrene	24.92	252	1580198	52.298	nq	100
90) Dibenzo(a,h)anthracene	28.92	278	1488068	48.183	nq	97
91) Benzo(g,h,i)perylene	30.05	276	1492048	49.778	nq	97

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



#1

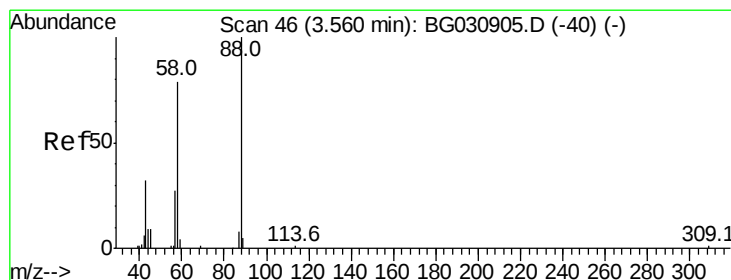
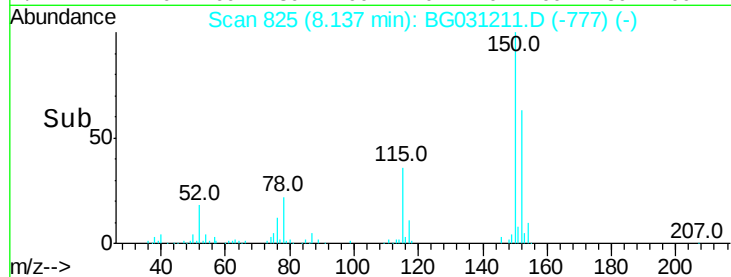
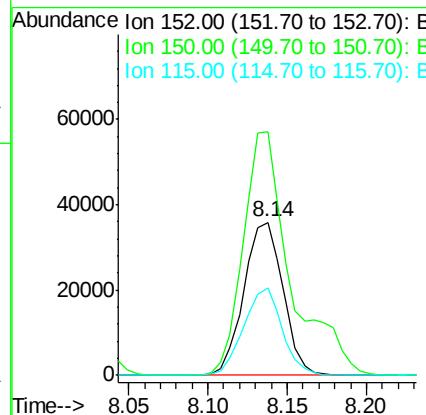
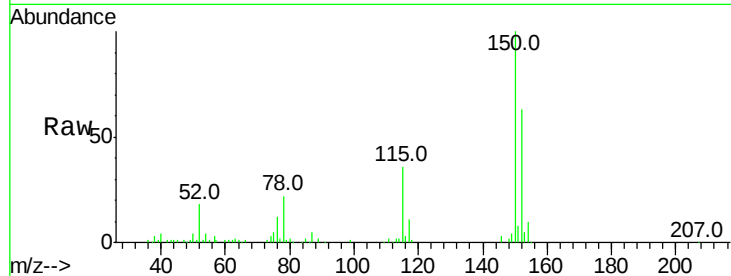
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.6	189.8
115	57.2	53.0	79.4

Manual Integrations
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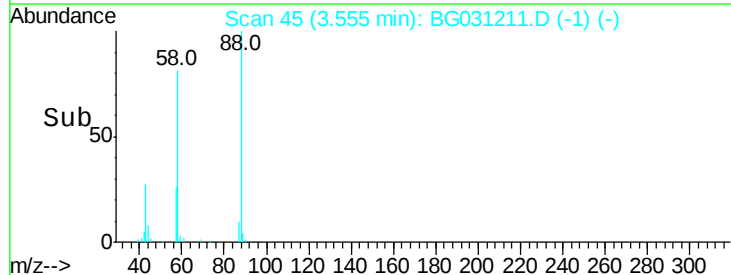
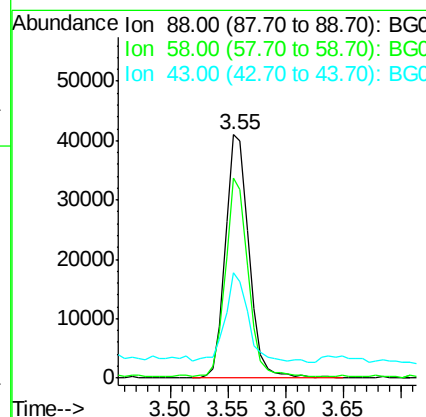
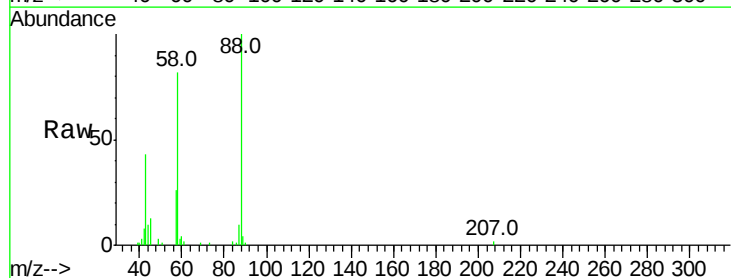
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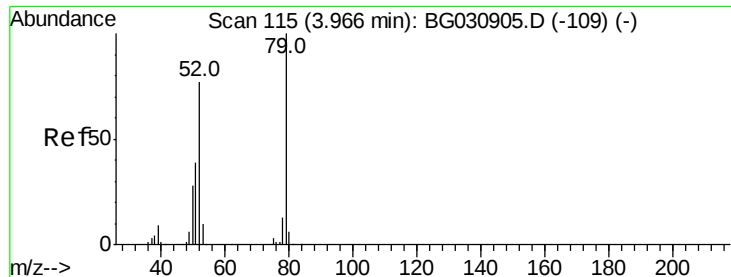


#2

1,4-Dioxane
Concen: 39.775 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	79.6	119.4#
43	34.9	27.4	41.0





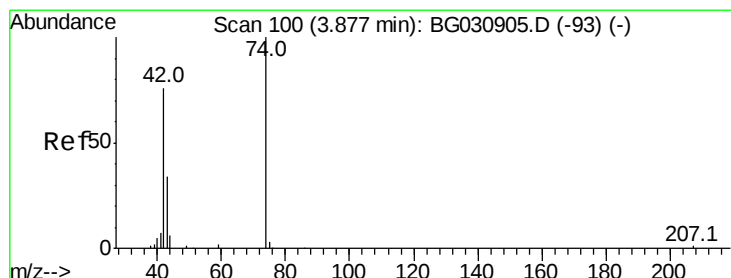
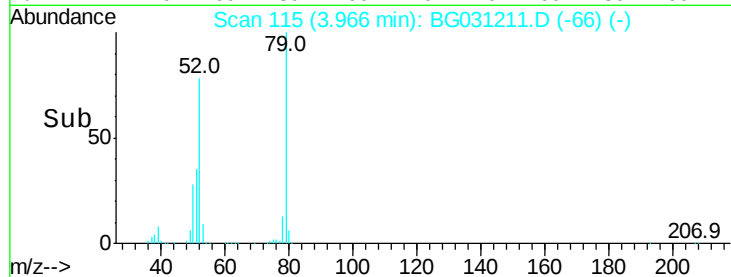
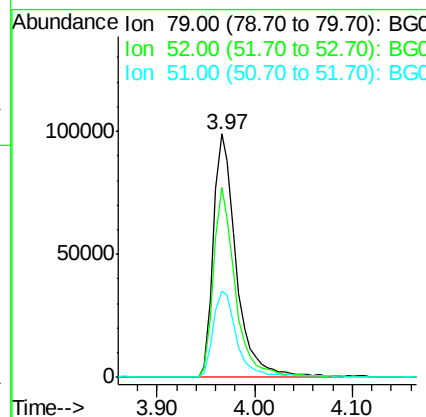
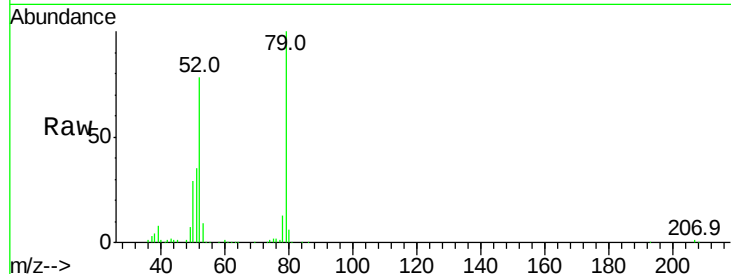
#3
 Pvridine
 Concen: 38.242 ng
 RT: 3.97 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.8	69.9	104.9
51	35.3	34.0	51.0

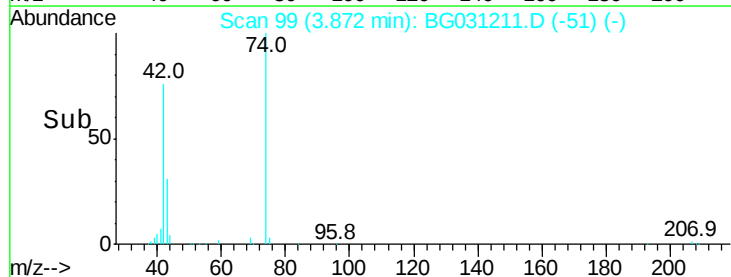
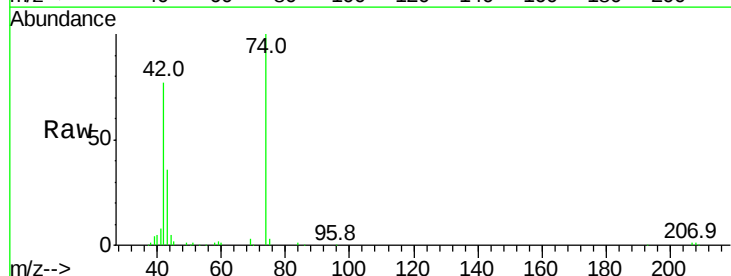
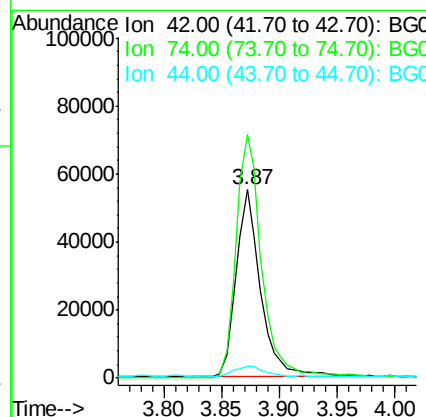
Manual Integrations
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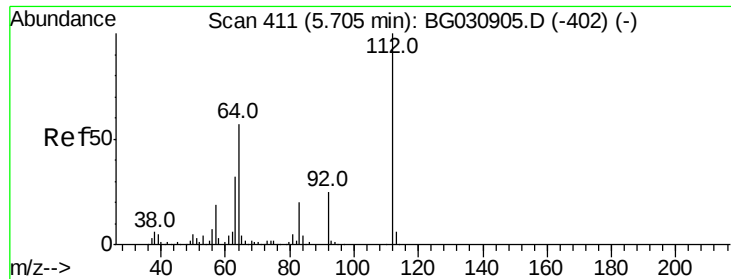
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#4
 n-Nitrosodimethylamine
 Concen: 40.451 ng
 RT: 3.87 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.4	102.5	153.7
44	6.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 146.555 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

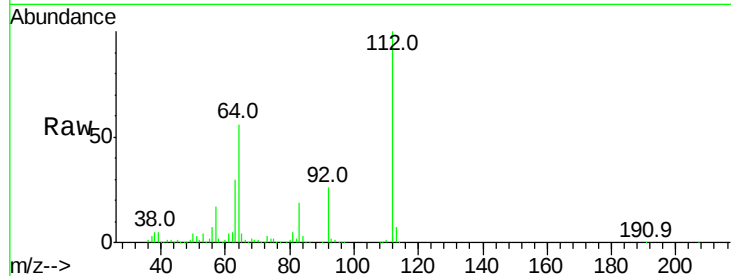
ClientSampleId :

PL-02-112017-AMSD

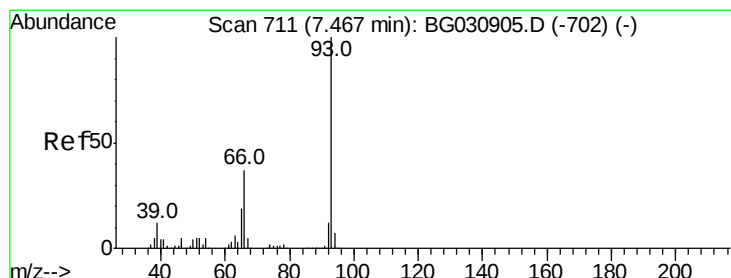
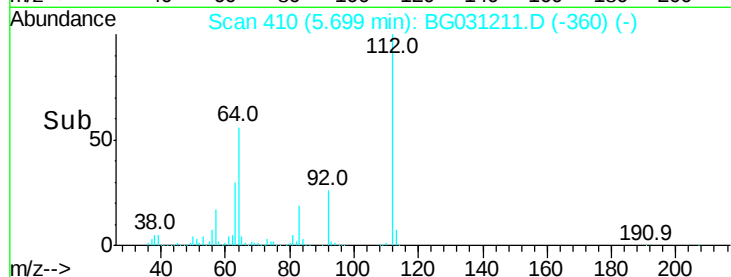
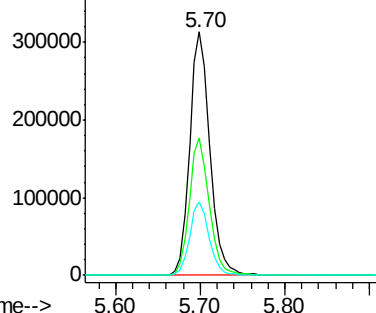
Tot Ion:	112	Resp:	524843
Ion Ratio	Lower	Upper	
112	100		
64	56.3	56.3	84.5
63	30.2	30.1	45.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.232 ng

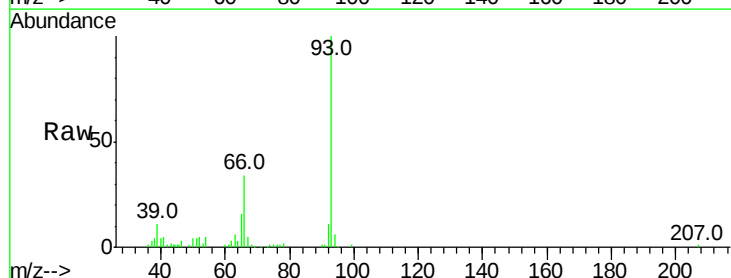
RT: 7.46 min Scan# 709

Delta R.T. -0.02 min

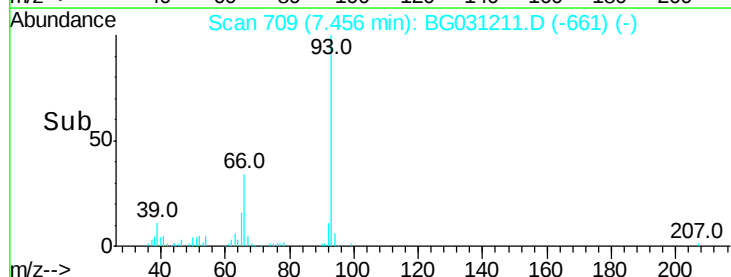
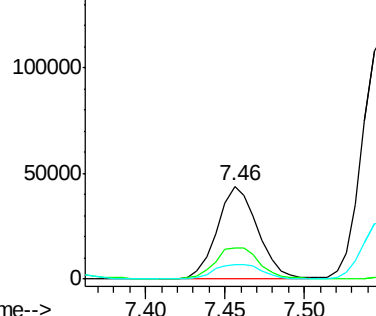
Lab File: BG031211.D

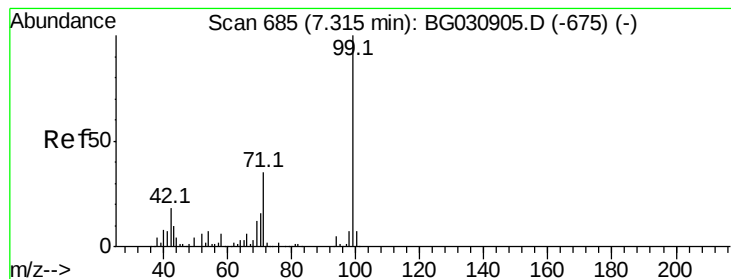
Acq: 23 Nov 2017 5:43

Tgt Ion:	93	Resp:	77667
Ion Ratio	Lower	Upper	
93	100		
66	33.5	33.7	50.5#
65	16.2	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.377 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

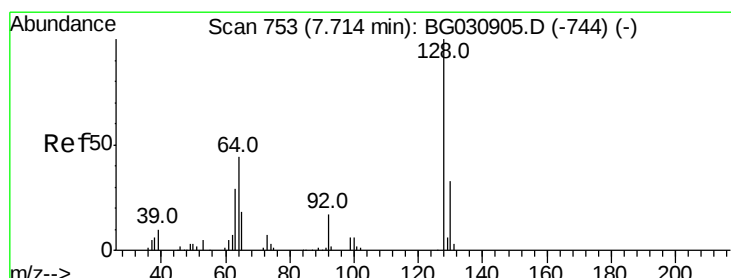
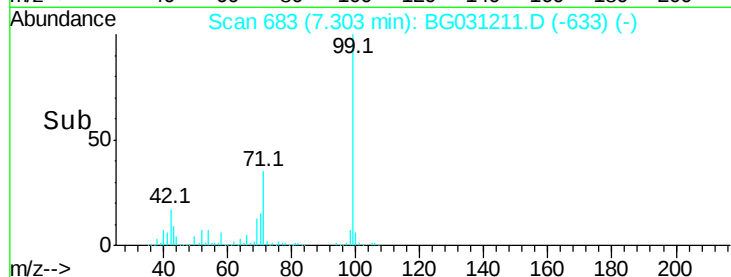
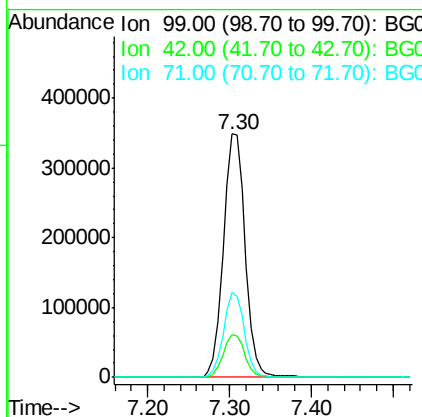
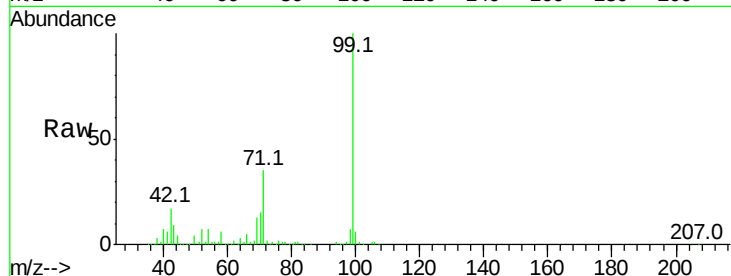
ClientSampleId :

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Tot Ion:	99	Resp:	643499
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.1	21.1
71	34.9	26.1	39.1

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#8

2-Chlorophenol

Concen: 52.112 ng

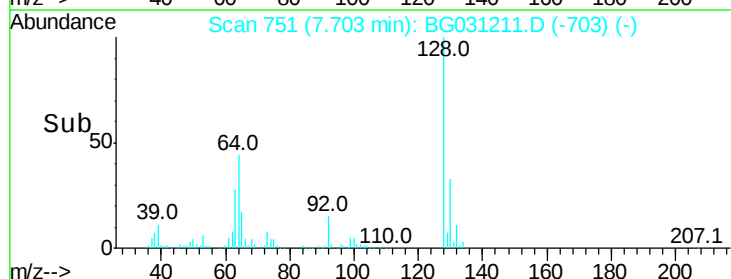
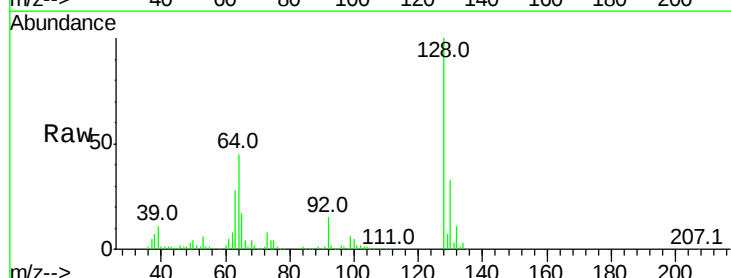
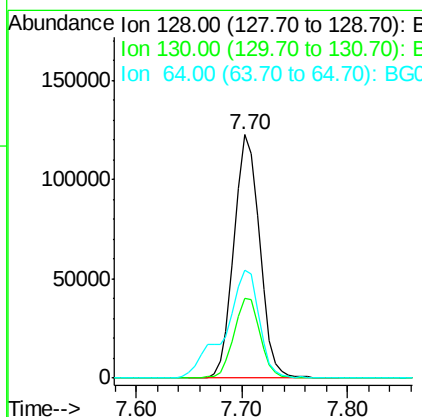
RT: 7.70 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	128	Resp:	205950
Ion Ratio	Lower	Upper	
128	100		
130	32.7	14.0	54.0
64	44.6	37.7	77.7





#9

Benzaldehyde

Concen: 16.840 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

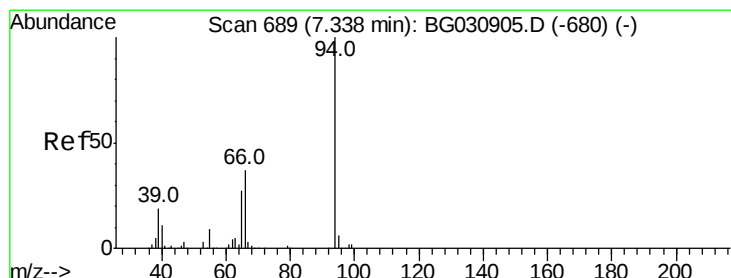
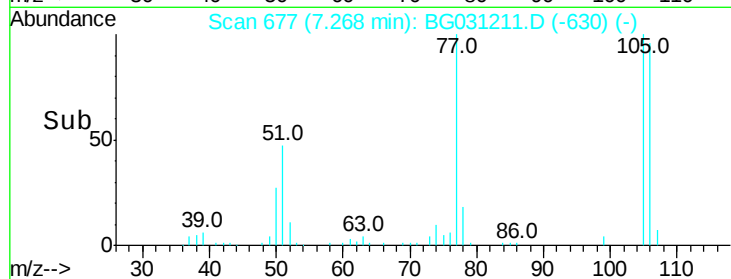
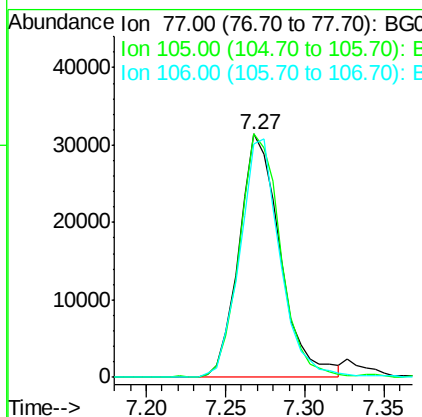
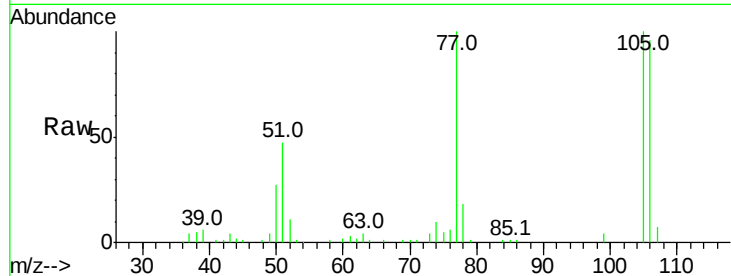
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:	77	Resp:	56856
Ion	Ratio	Lower	Upper
77	100		
105	99.8	71.3	111.3
106	95.7	64.2	104.2

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#10

Phenol

Concen: 46.311 ng

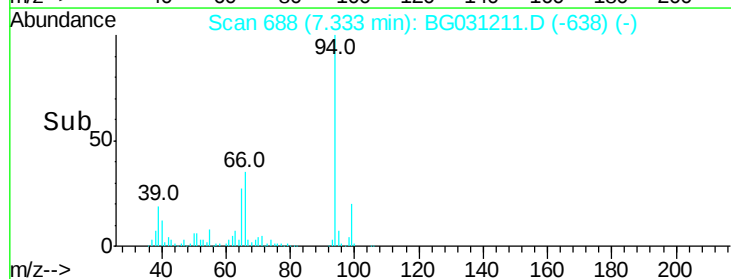
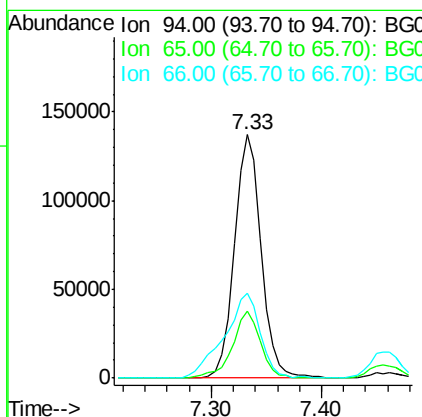
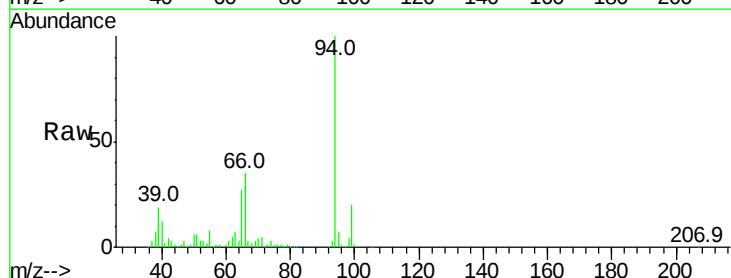
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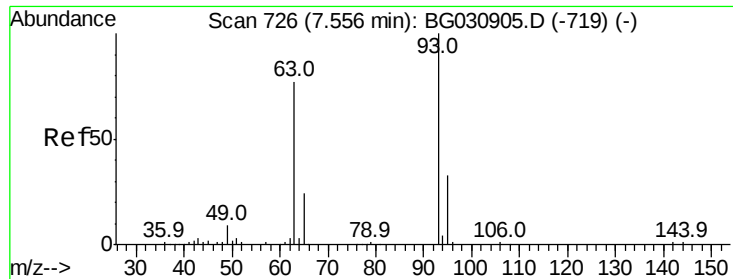
Delta R.T. -0.00 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	94	Resp:	232036
Ion	Ratio	Lower	Upper
94	100		
65	27.5	11.9	51.9
66	34.8	22.2	62.2





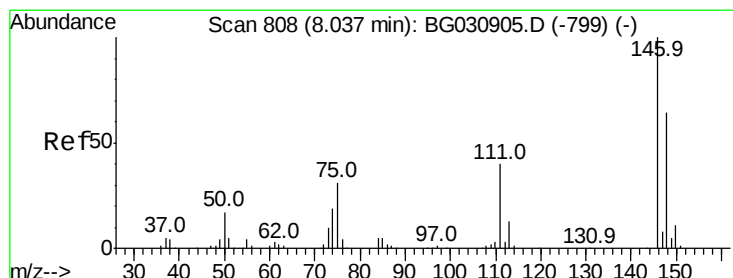
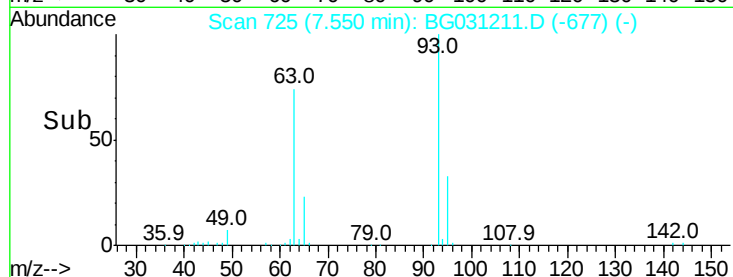
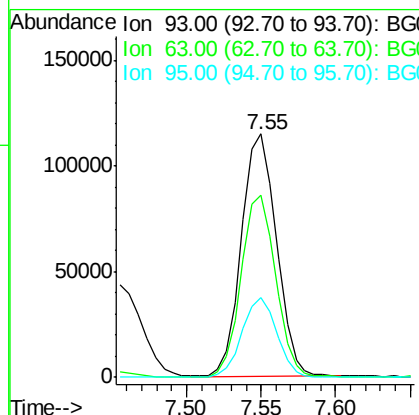
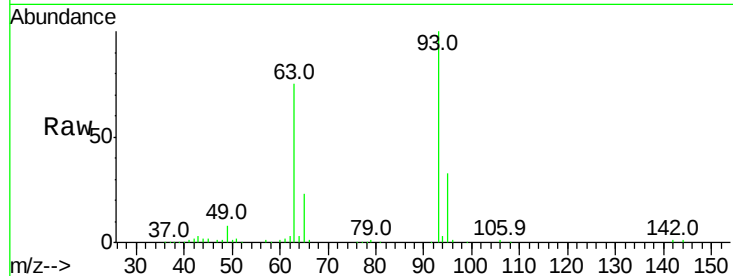
#11
 bis(2-Chloroethyl)ether
 Concen: 46.837 ng
 RT: 7.55 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion:	93	Resp:	187373
Ion Ratio	Lower	Upper	
93	100		
63	74.9	67.1	107.1
95	32.7	11.5	51.5

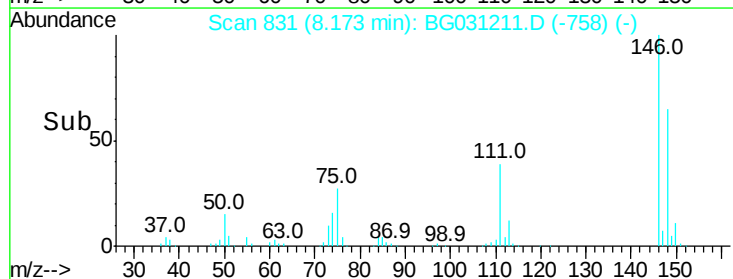
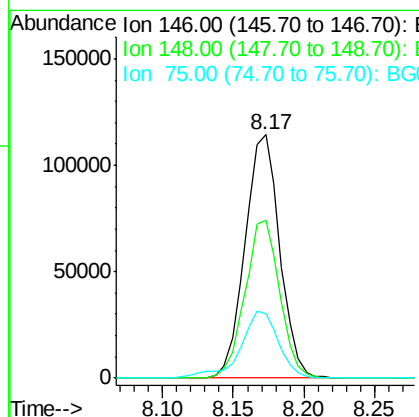
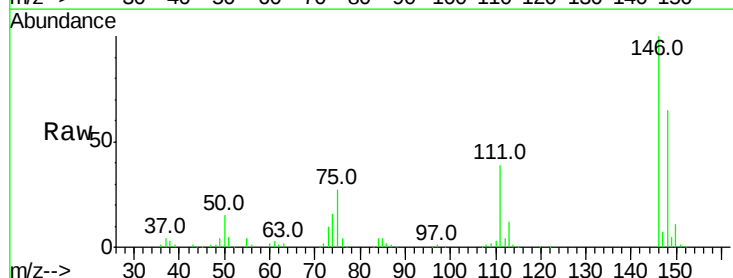
Manual Integrations
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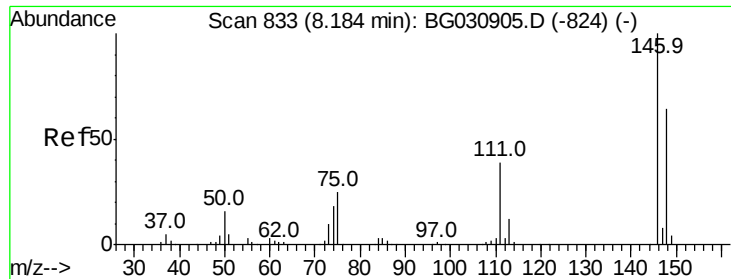
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 42.506 ng
 RT: 8.17 min Scan# 831
 Delta R.T. 0.13 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion:	146	Resp:	197092
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.2
75	26.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 41.946 ng

RT: 8.17 min Scan# 831

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

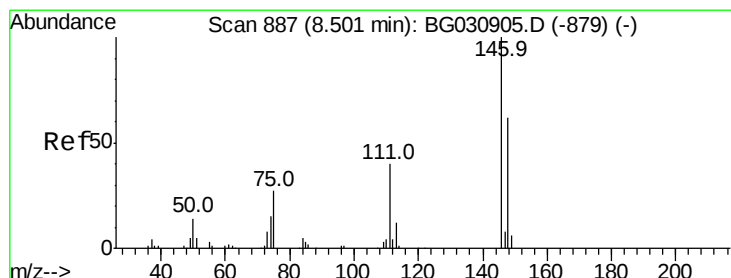
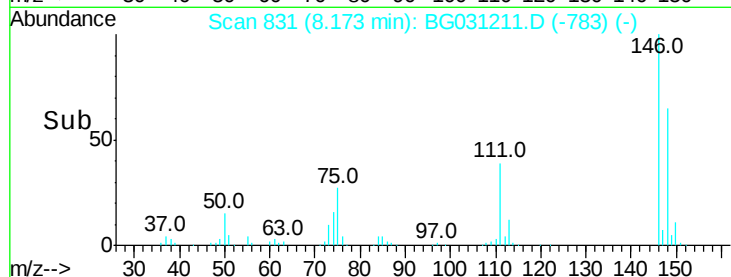
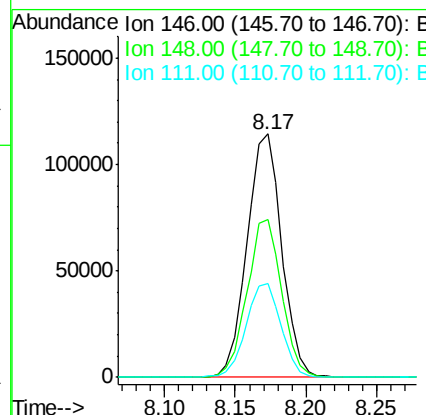
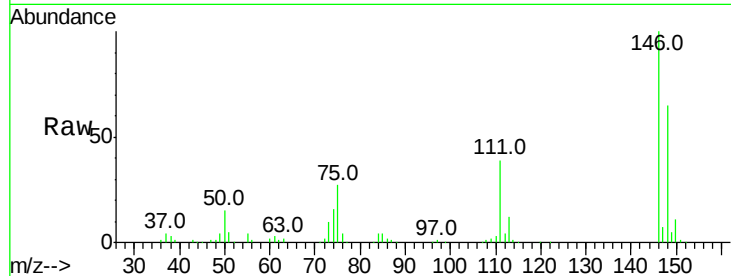
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:	146	Resp:	197092
Ion Ratio	Lower	Upper	
146	100		
148	64.9	53.7	80.5
111	38.6	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 42.717 ng

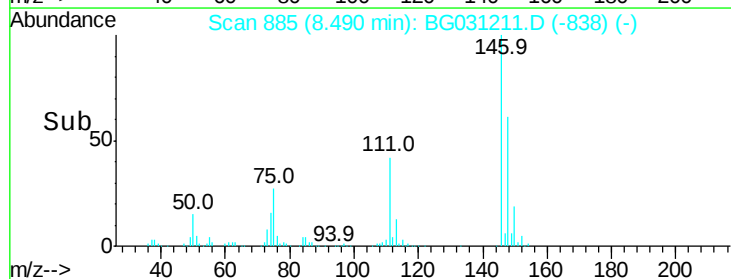
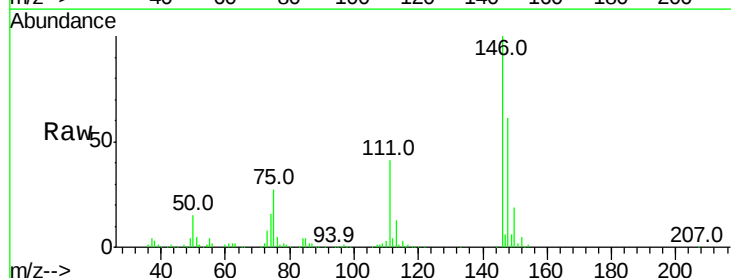
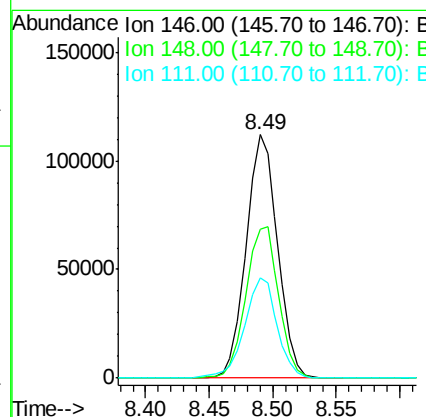
RT: 8.49 min Scan# 885

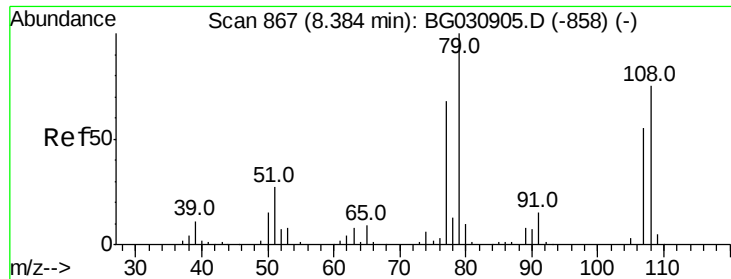
Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	146	Resp:	192647
Ion Ratio	Lower	Upper	
146	100		
148	61.0	49.3	73.9
111	41.3	34.3	51.5





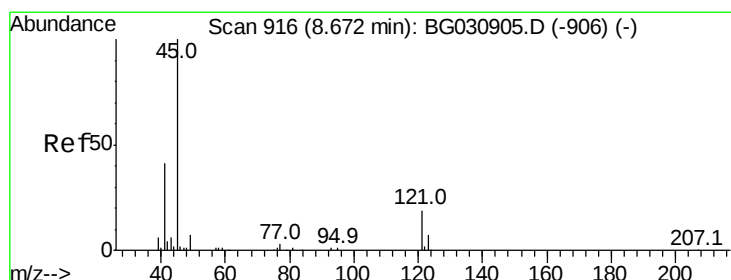
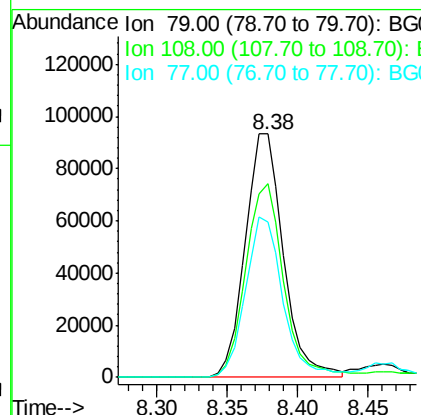
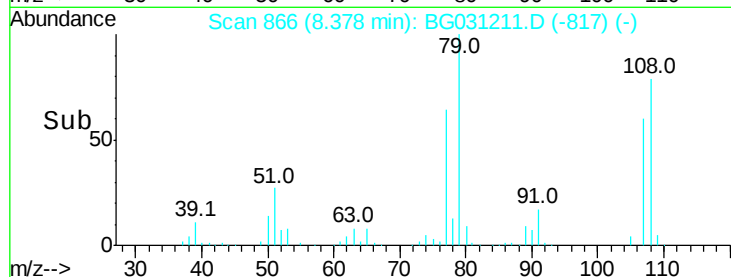
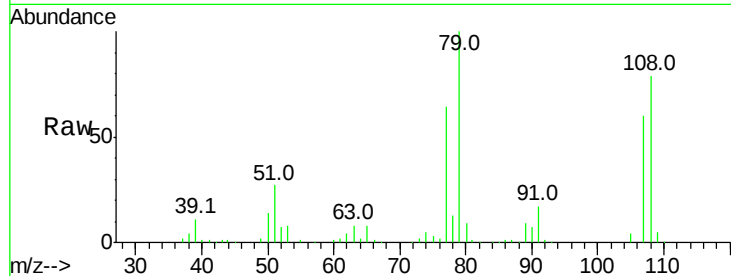
#15
Benzyl Alcohol
Concen: 45.843 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.4	57.2	85.8
77	63.6	46.1	69.1

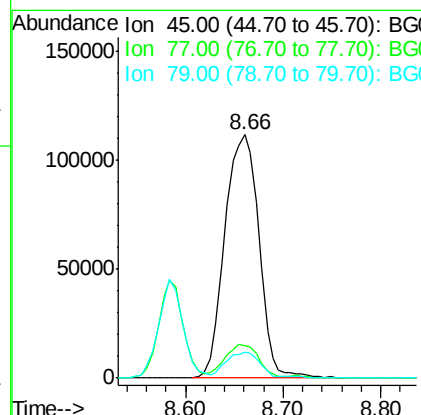
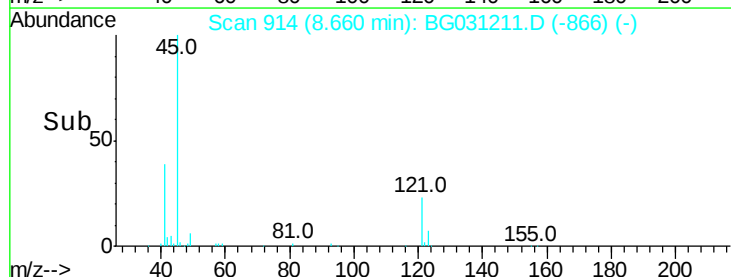
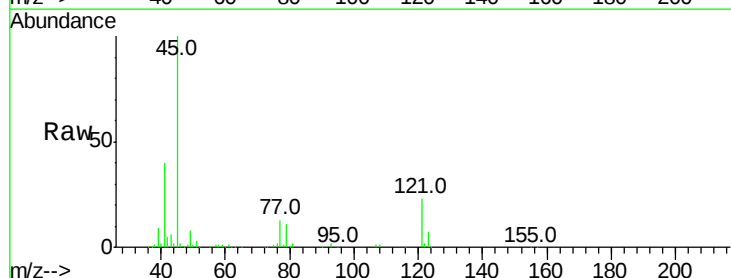
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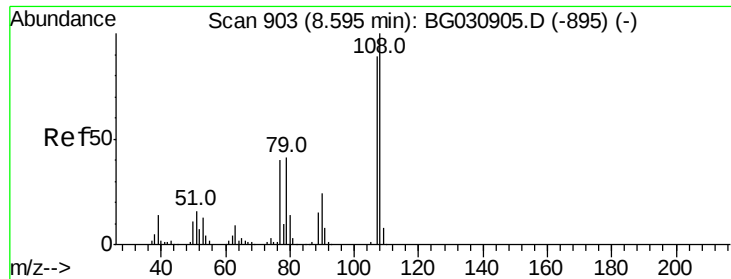
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.046 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	30.2
79	10.8	0.0	27.9





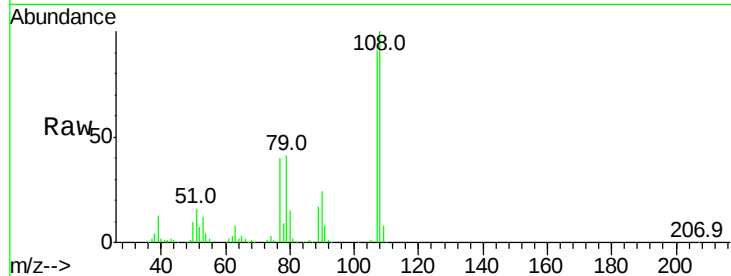
#17
2-Methylphenol
Concen: 50.731 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

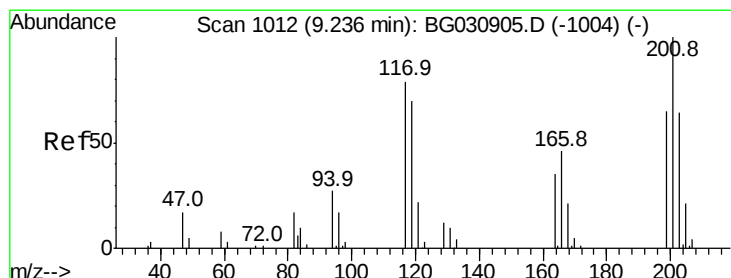
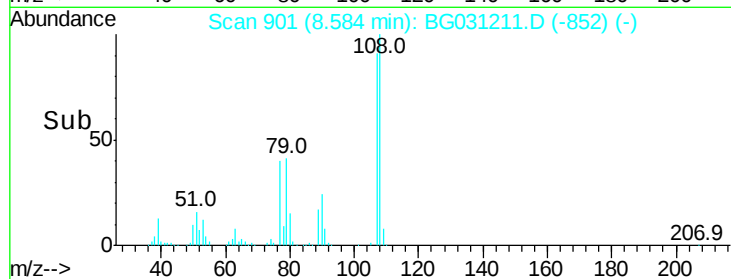
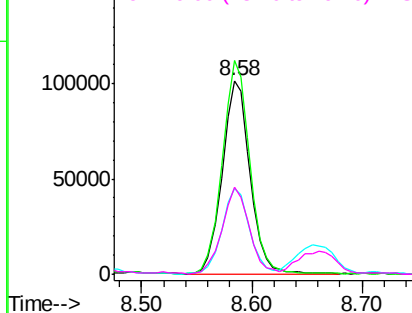
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	83.9	125.9	
77	43.9	37.2	55.8	
79	44.8	36.2	54.2	

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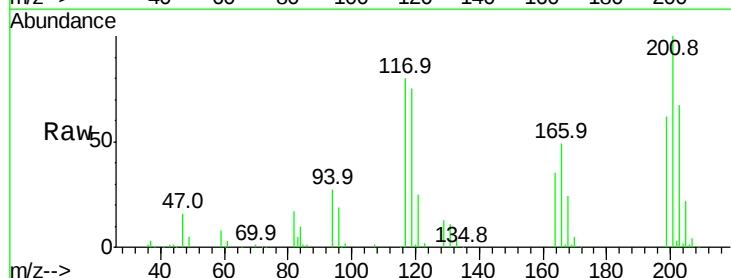


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

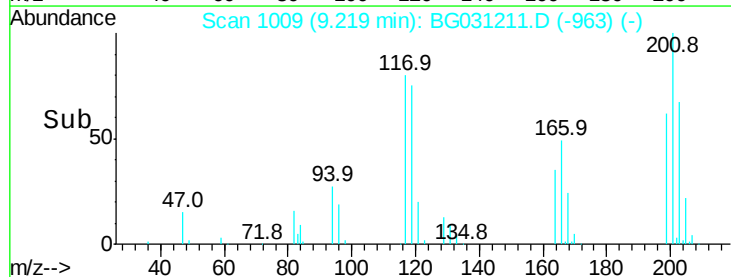
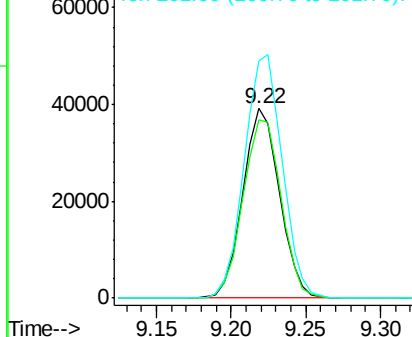


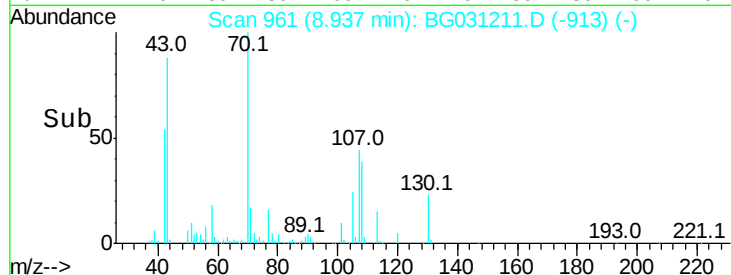
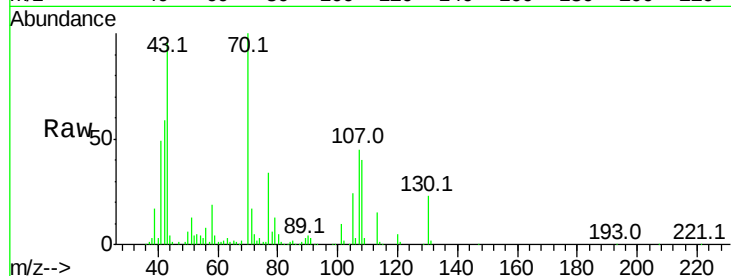
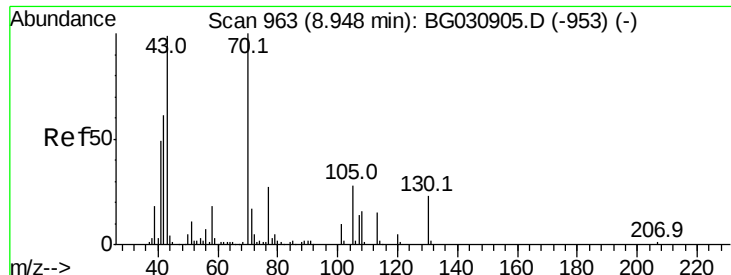
#18
Hexachloroethane
Concen: 40.695 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	76.7	115.1	
201	125.0	95.7	143.5	



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





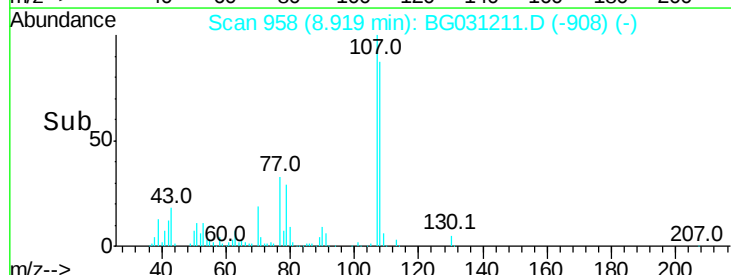
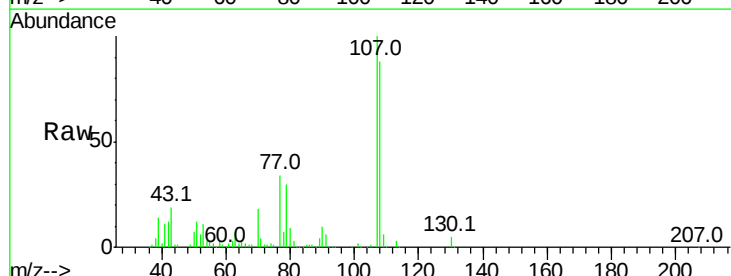
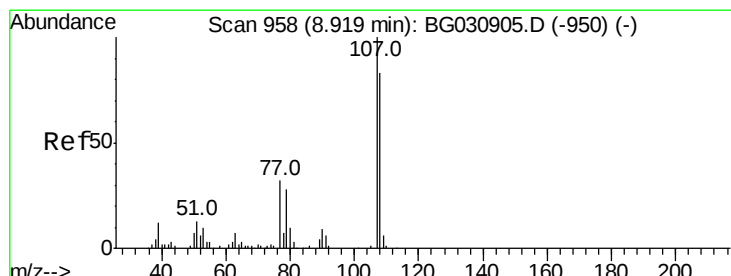
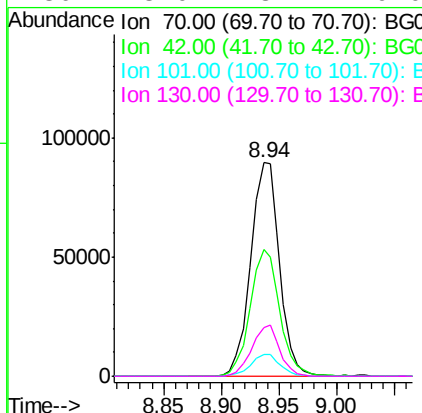
#19
n-Nitroso-di-n-propylamine
Concen: 42.520 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.1	49.1	73.7	
101	10.3	8.5	12.7	
130	23.0	13.4	20.0	#

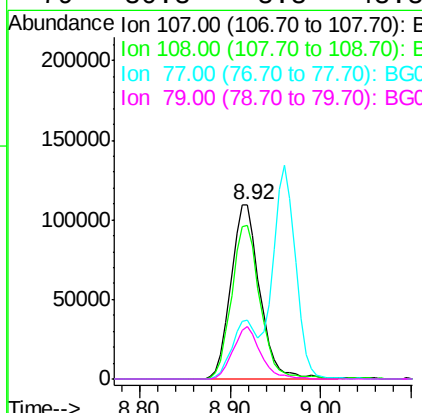
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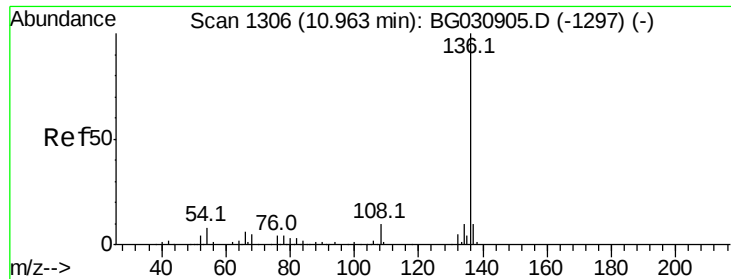
Sohil
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#20
3+4-Methylphenols
Concen: 48.923 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	61.6	101.6	
77	34.0	13.9	53.9	
79	30.3	8.8	48.8	





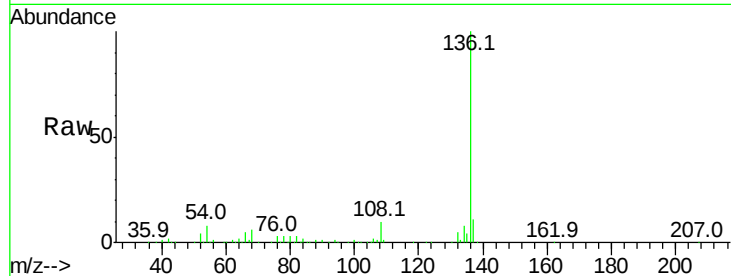
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

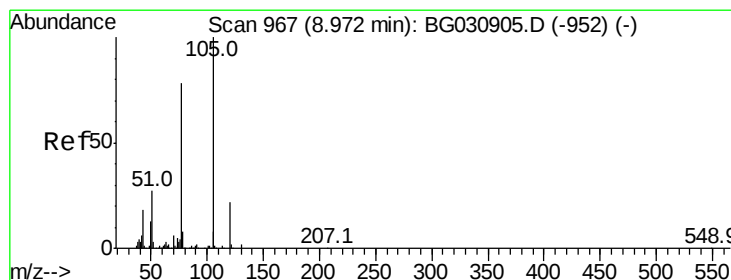
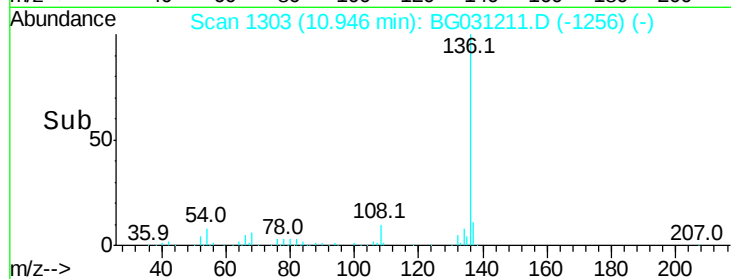
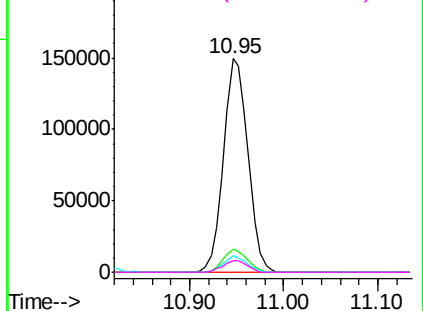
Tot Ion	Ratio	Resp	Lower	Upper
136	100	268789		
137	10.9		9.2	13.8
54	8.0		10.3	15.5#
68	5.6		4.5	6.7

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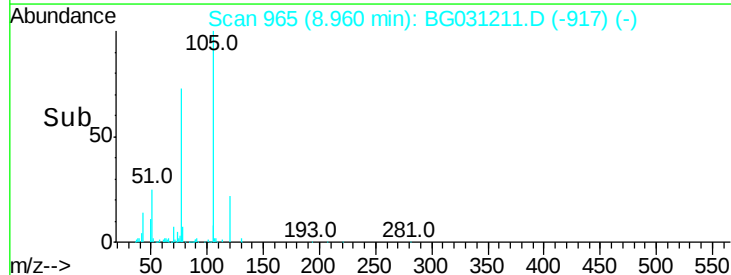
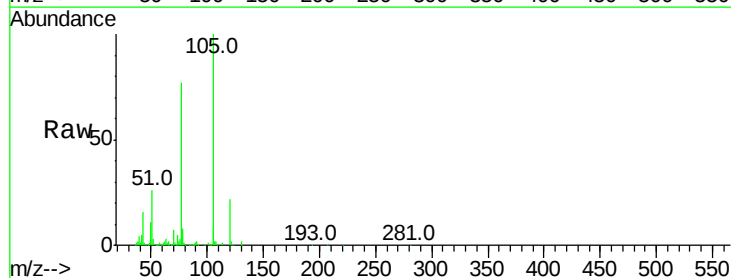
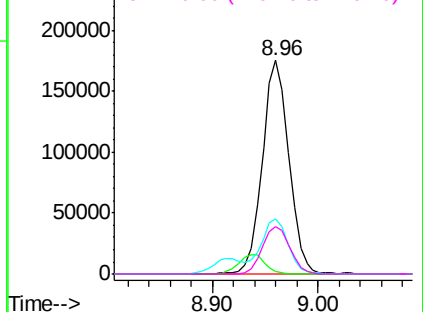
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

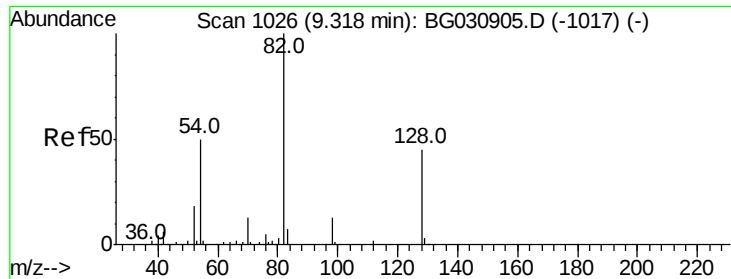


#22
Acetophenone
Concen: 45.807 ng
RT: 8.96 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	306569		
71	1.2		3.0	4.4#
51	25.9		26.1	39.1#
120	22.3		17.4	26.2

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





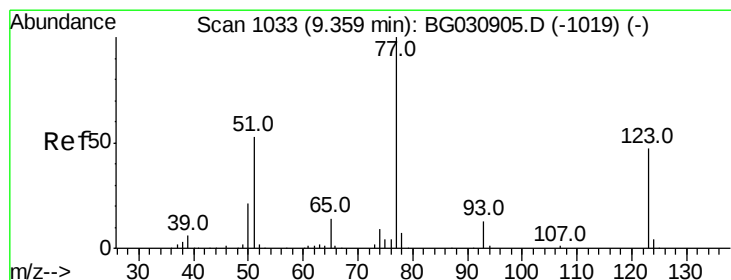
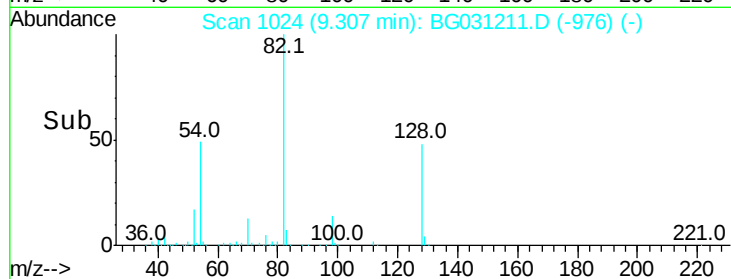
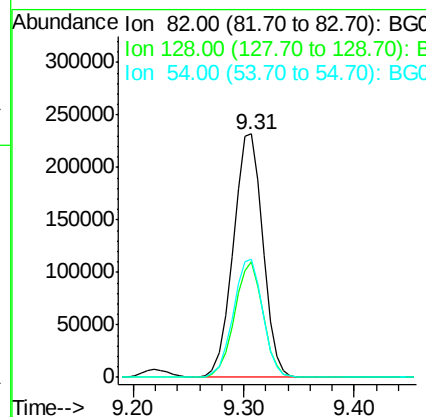
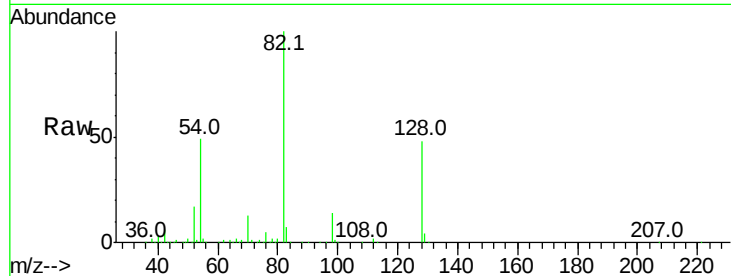
#23
 Nitrobenzene-d5
 Concen: 95.903 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	48.6	43.1	64.7

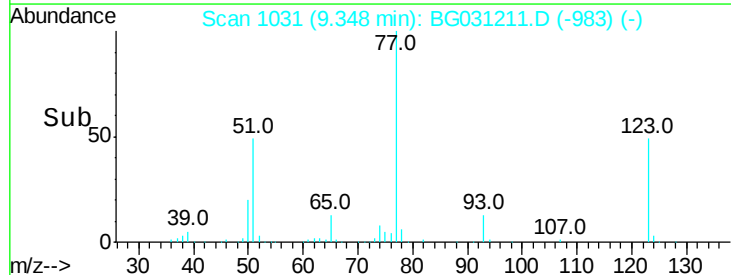
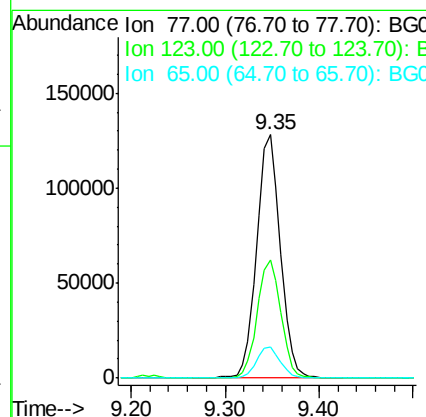
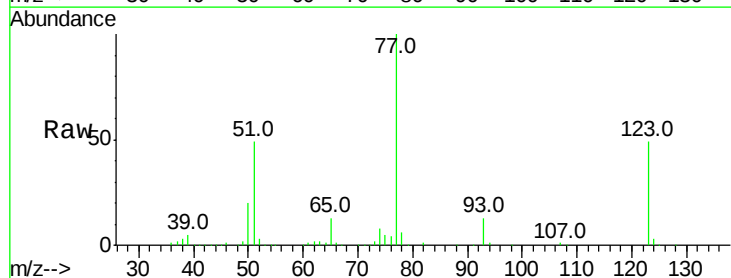
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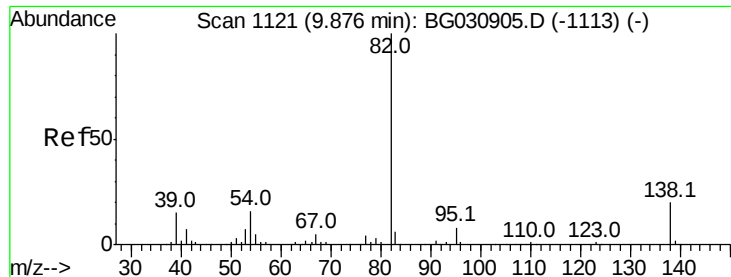
Sohil
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#24
 Nitrobenzene
 Concen: 48.391 ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	33.0	49.6
65	12.7	13.0	19.6#





#25

Isophorone

Concen: 50.112 ng

RT: 9.86 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-AMSD

Tot Ion: 82 Resp: 443316

Ion Ratio Lower Upper

82 100

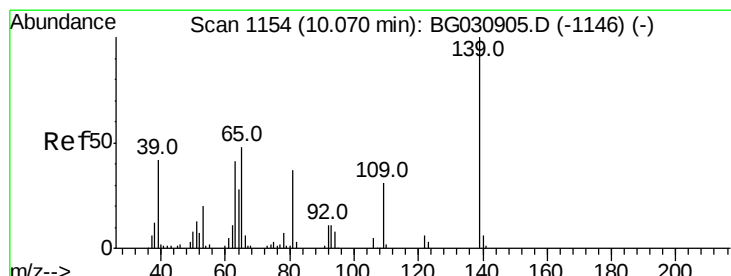
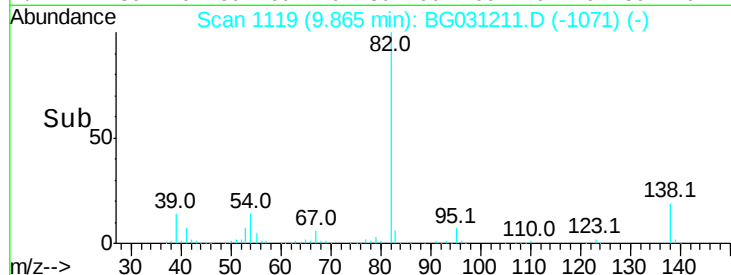
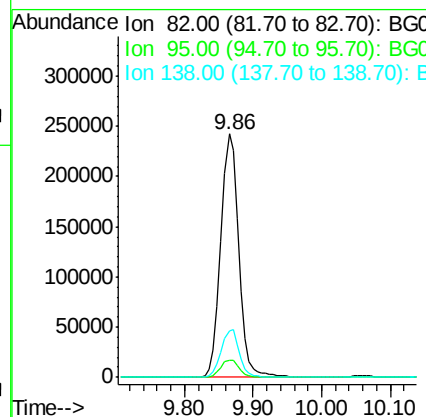
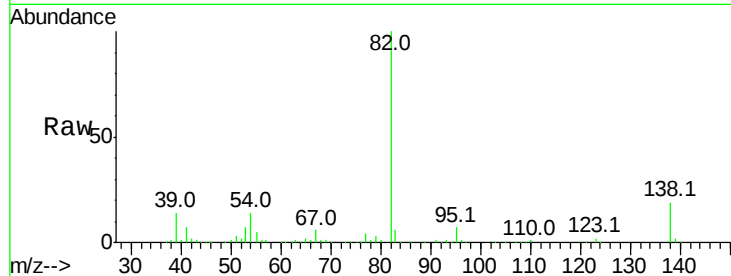
95 7.0 6.2 9.2

138 19.2 12.1 18.1#

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#26

2-Nitrophenol

Concen: 52.043 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

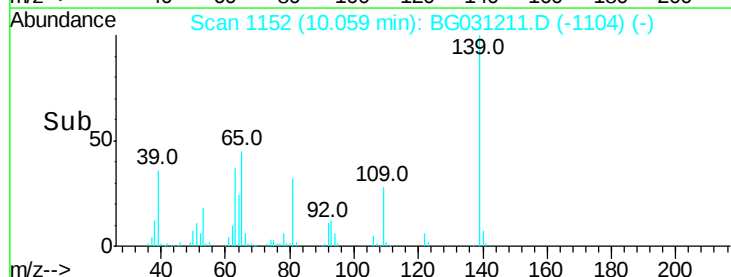
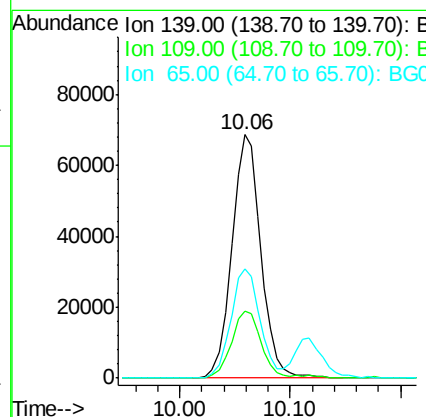
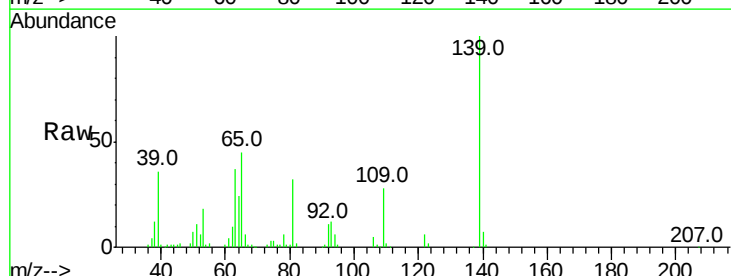
Tgt Ion: 139 Resp: 125695

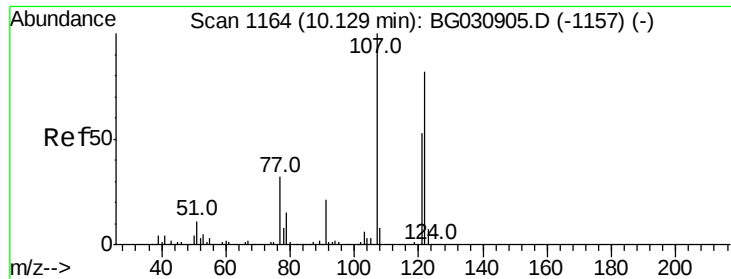
Ion Ratio Lower Upper

139 100

109 27.7 24.2 36.2

65 44.9 47.4 71.0#





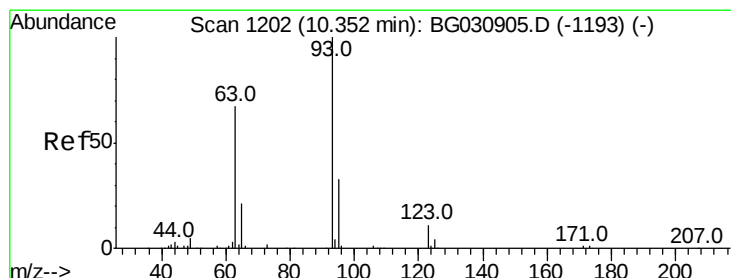
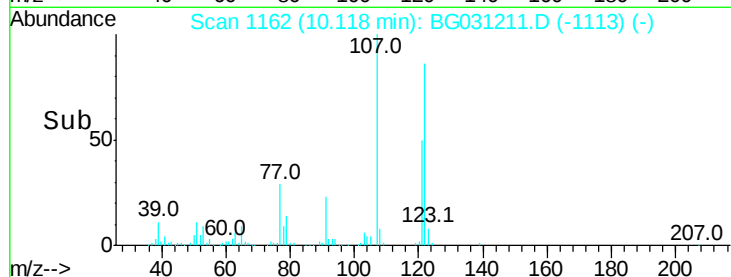
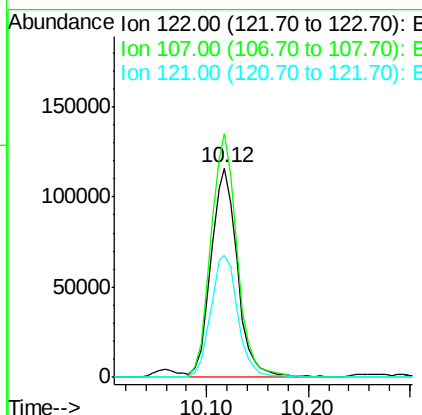
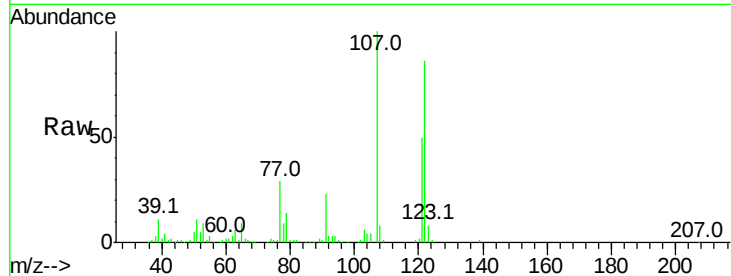
#27
 2,4-Dimethylphenol
 Concen: 58.195 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.2	100.2	150.2
121	58.6	44.4	66.6

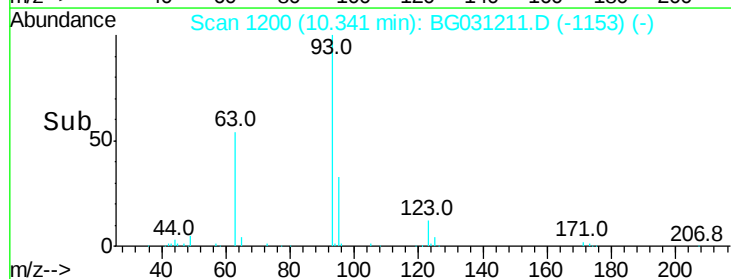
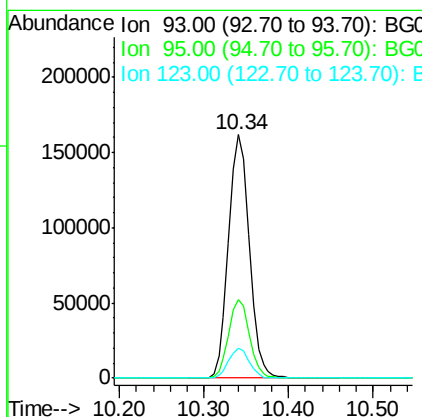
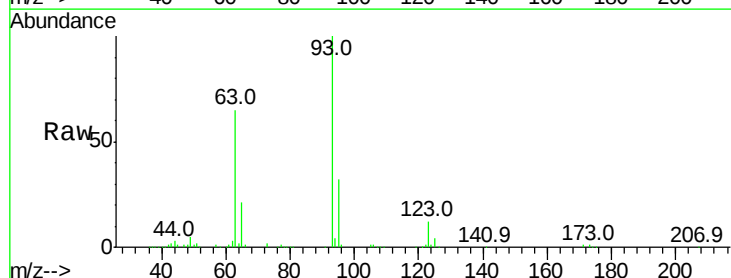
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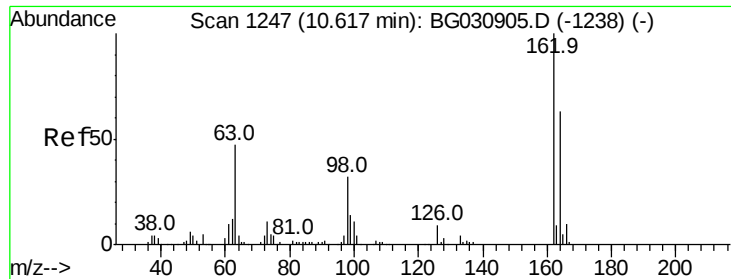
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.325 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	24.3	36.5
123	12.0	8.4	12.6





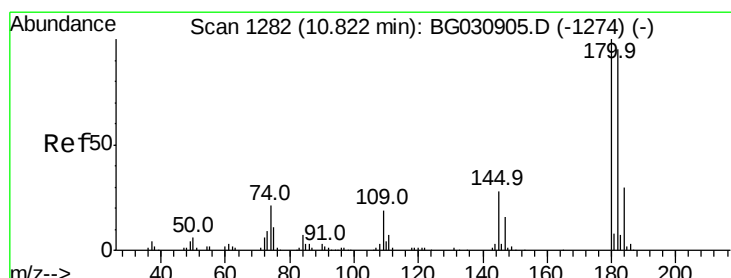
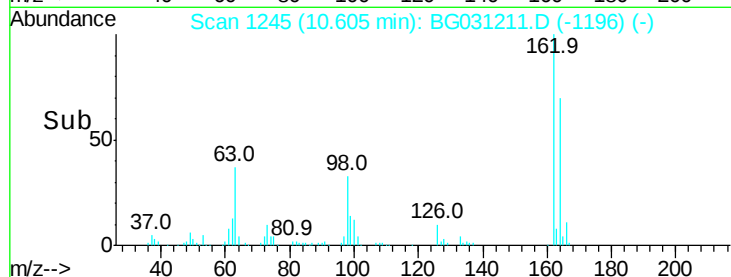
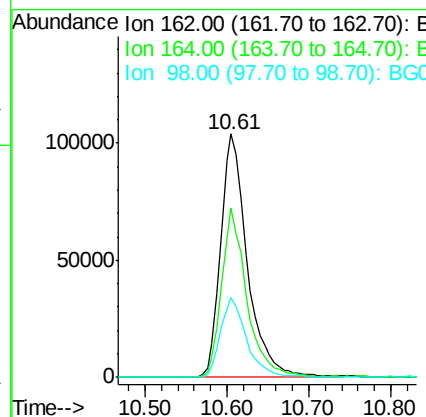
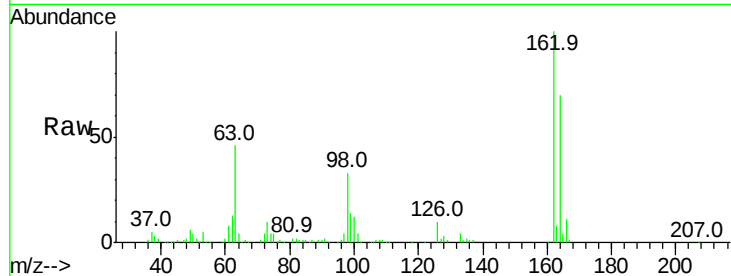
#29
2,4-Dichlorophenol
Concen: 54.837 ng
RT: 10.61 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	236110		
164	69.5	48.0	88.0	
98	32.8	21.1	61.1	

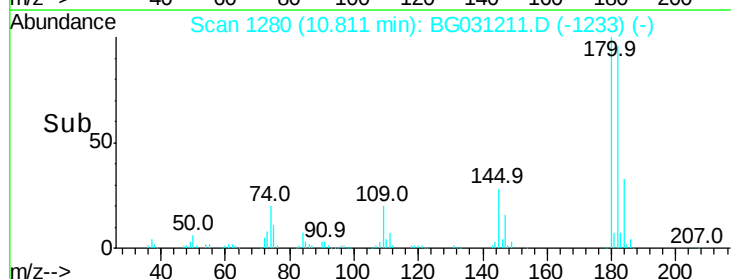
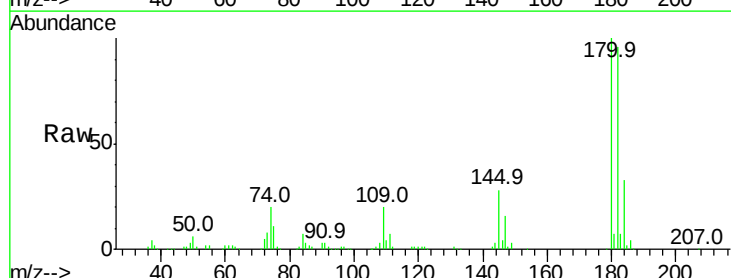
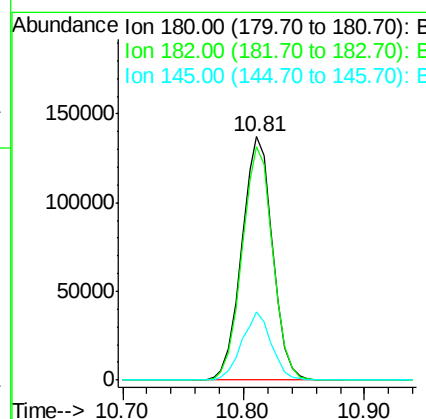
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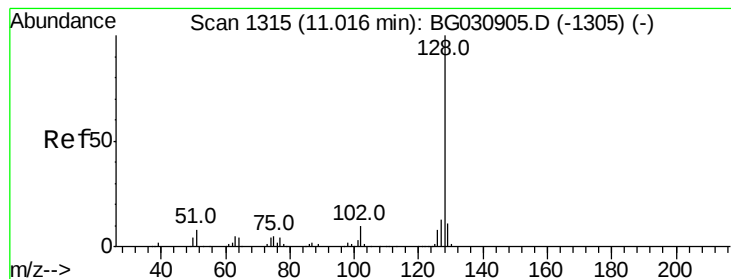
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#30
1,2,4-Trichlorobenzene
Concen: 47.292 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	243105		
182	96.1	77.5	116.3	
145	27.8	23.4	35.2	





#31

Naphthalene

Concen: 48.140 ng

RT: 11.00 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

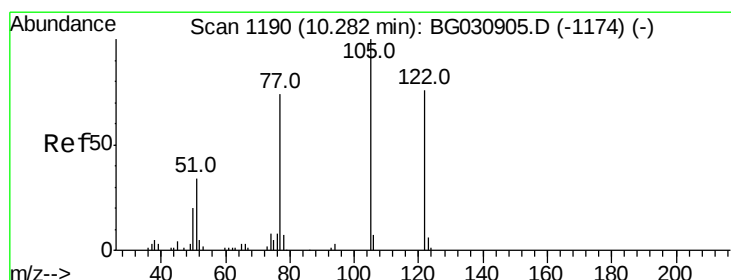
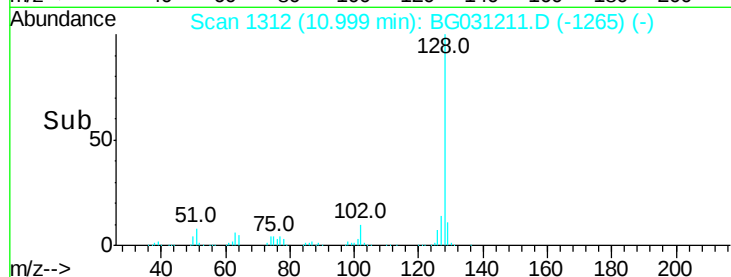
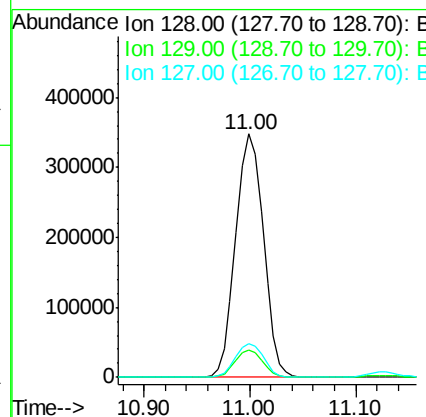
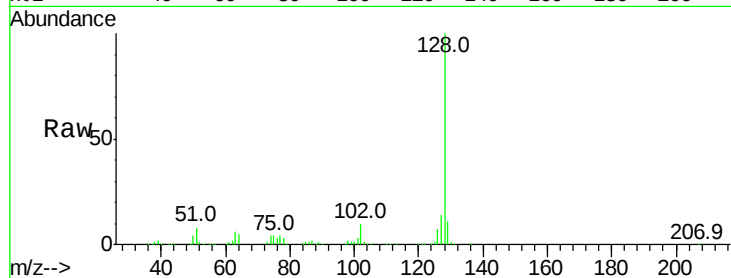
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:	128	Resp:	636089
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	13.9	11.6	17.4

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#32

Benzoic acid

Concen: 8.237 ng m

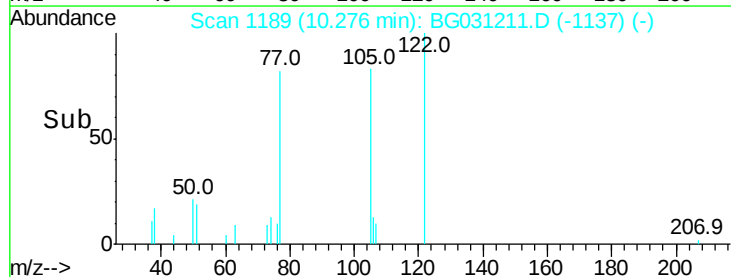
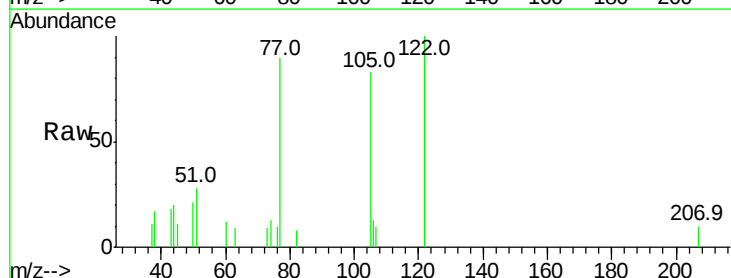
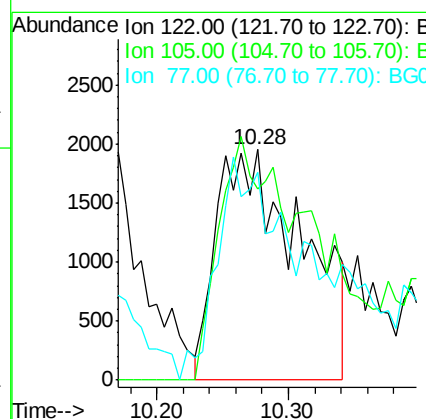
RT: 10.28 min Scan# 1189

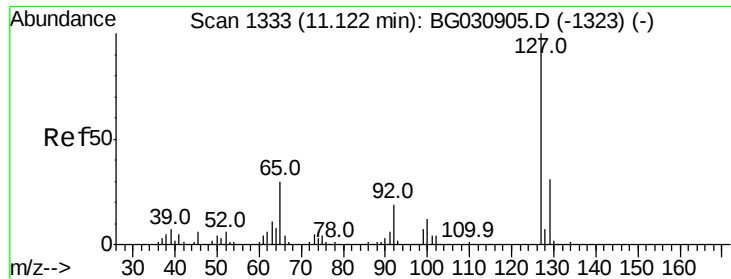
Delta R.T. 0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	122	Resp:	8720
Ion Ratio	Lower	Upper	
122	100		
105	83.0	123.5	163.5#
77	90.1	85.7	125.7





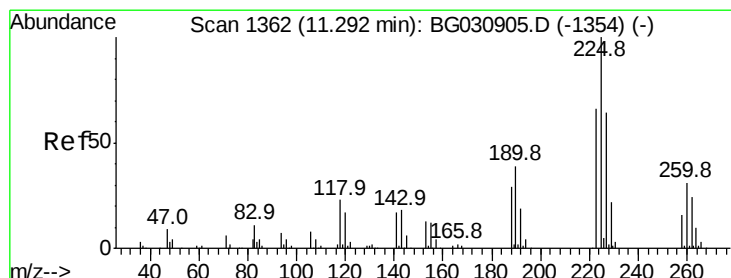
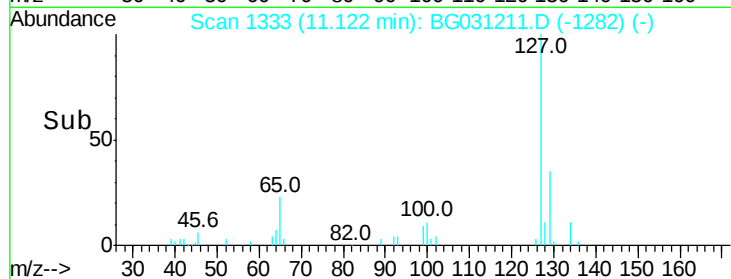
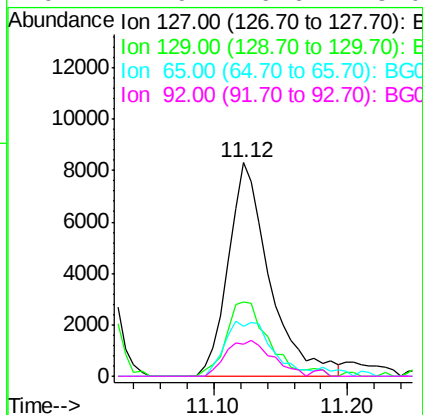
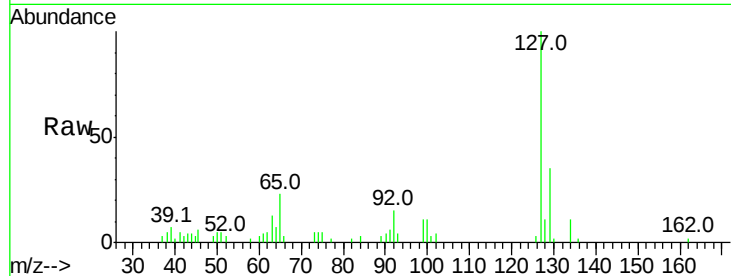
#33
4-Chloroaniline
Concen: 3.087 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.1	24.0	36.0		
65	23.5	27.0	40.4#		
92	14.9	16.6	25.0#		

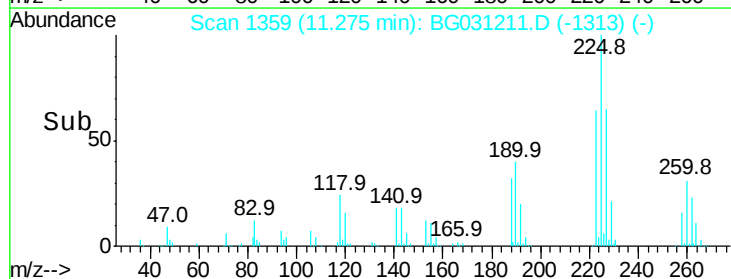
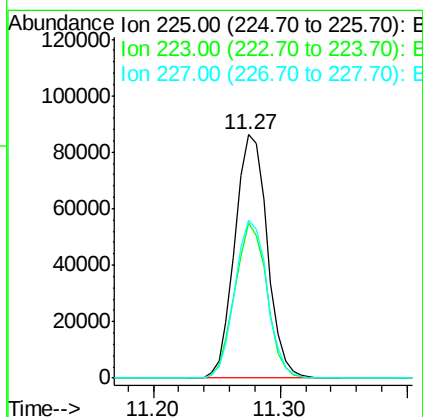
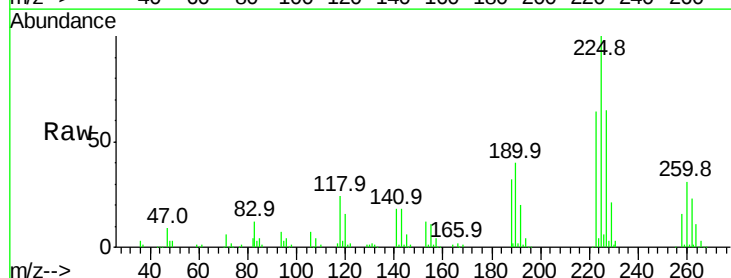
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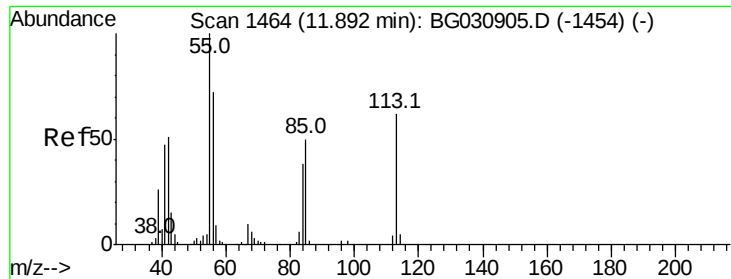
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#34
Hexachlorobutadiene
Concen: 43.028 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	49.7	74.5		
227	64.7	48.1	72.1		





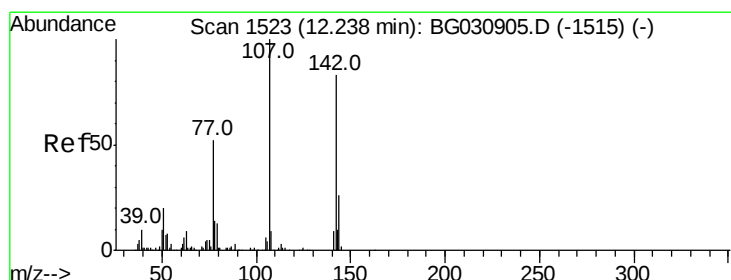
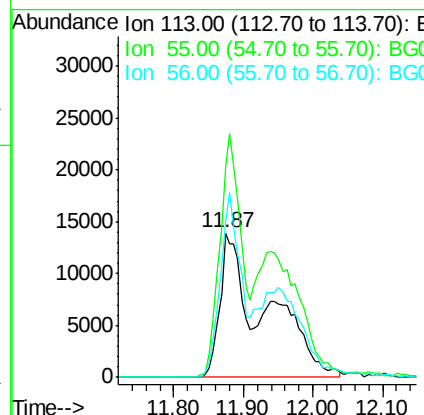
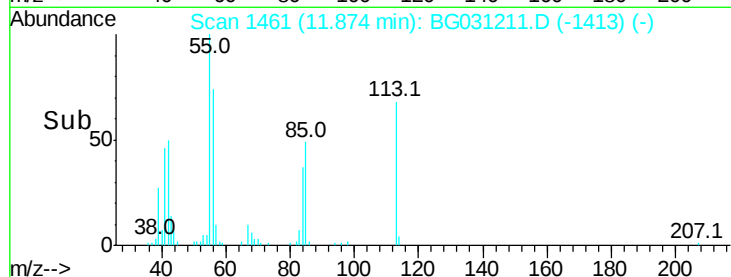
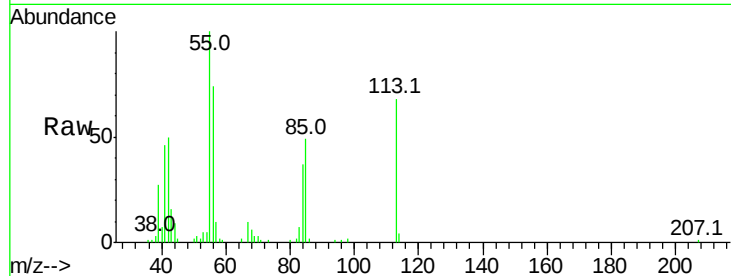
#35
 Caprolactam
 Concen: 35.214 ng/ml
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion:113 Resp: 61937
 Ion Ratio Lower Upper
 113 100
 55 146.8 186.9 226.9#
 56 108.9 130.9 170.9#

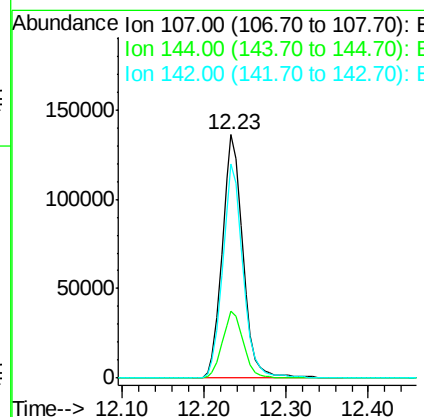
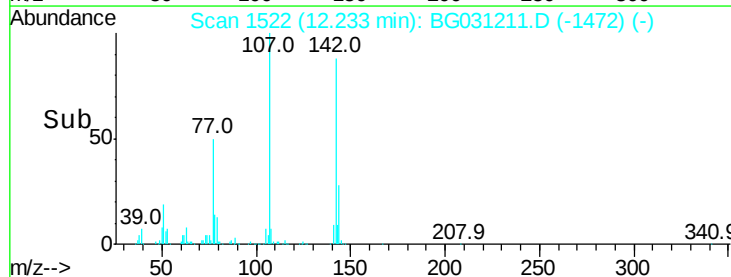
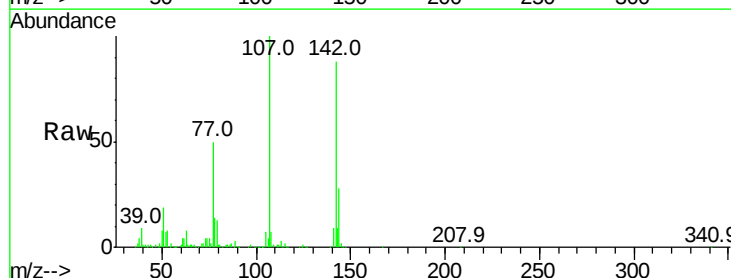
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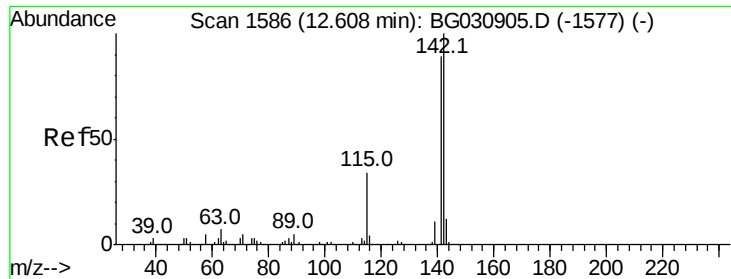
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#36
 4-Chloro-3-methylphenol
 Concen: 51.019 ng
 RT: 12.23 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion:107 Resp: 239087
 Ion Ratio Lower Upper
 107 100
 144 27.5 18.2 27.4#
 142 87.7 59.0 88.4





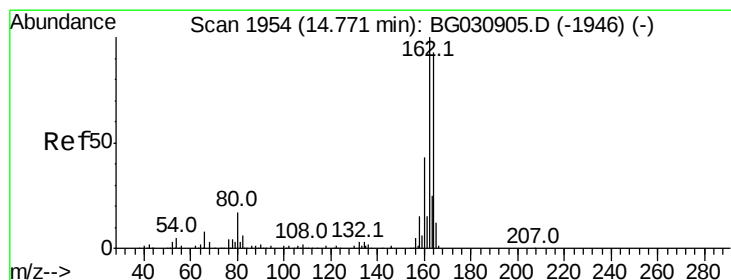
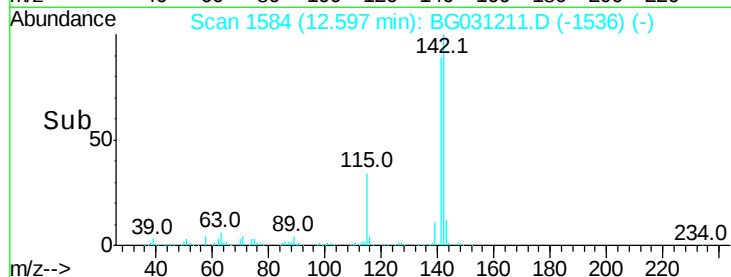
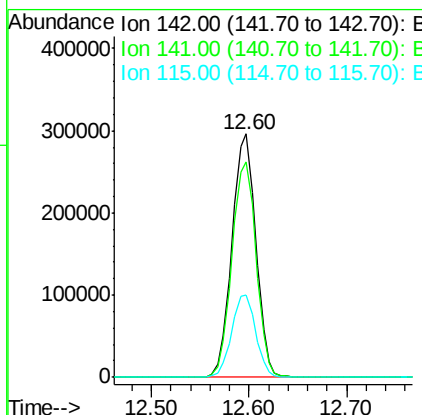
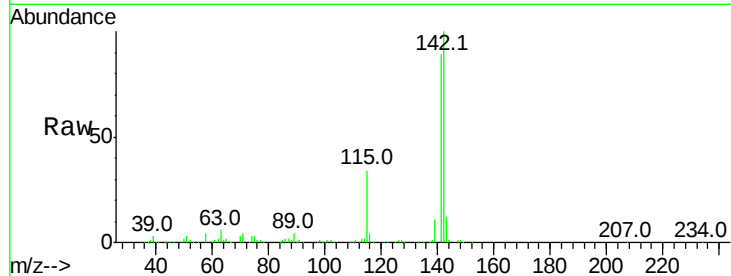
#37
2-Methylnaphthalene
Concen: 49.519 ng
RT: 12.60 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	505116		
141	88.6	67.1	100.7	
115	33.8	30.7	46.1	

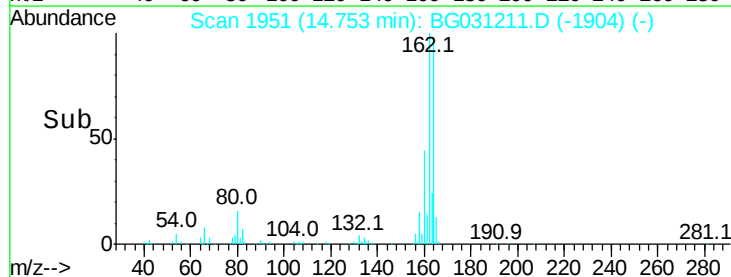
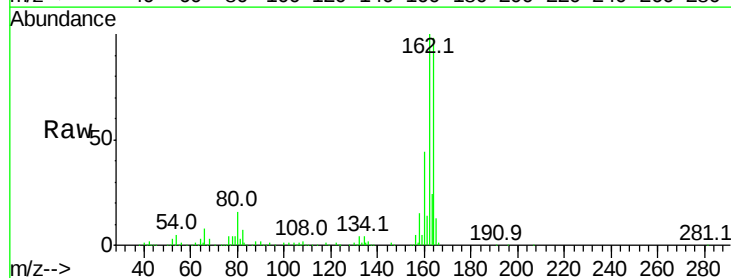
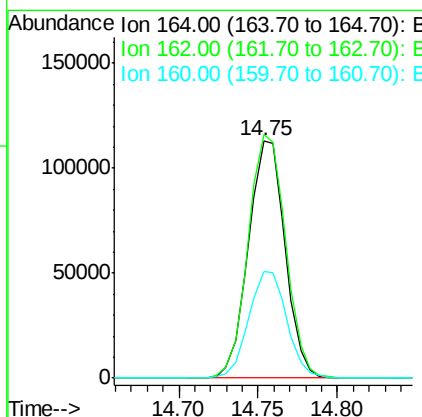
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181900		
162	102.4	78.8	118.2	
160	44.7	35.4	53.0	





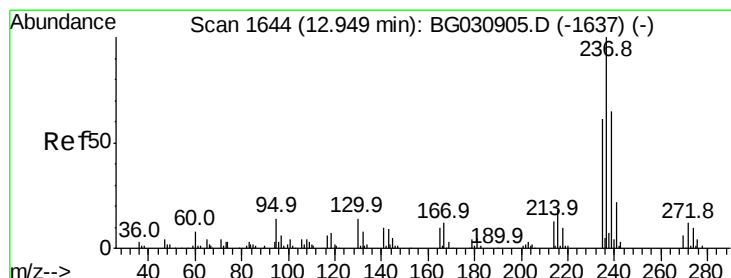
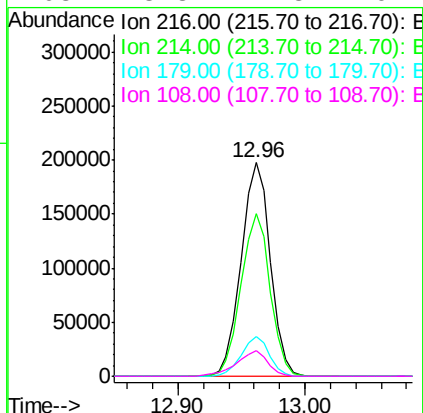
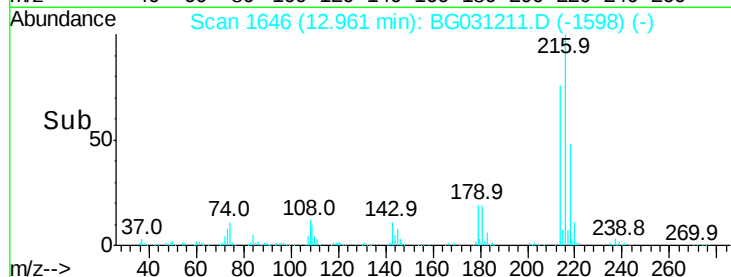
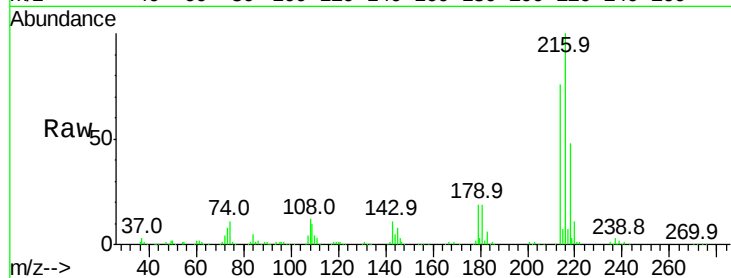
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.583 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.1	63.0	94.4	
179	18.2	17.0	25.6	
108	13.3	12.8	19.2	

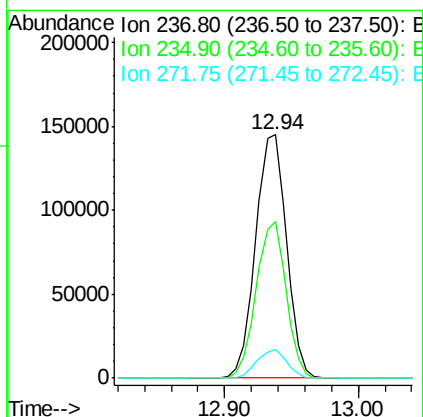
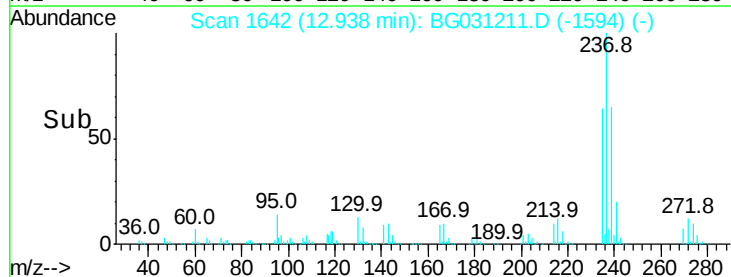
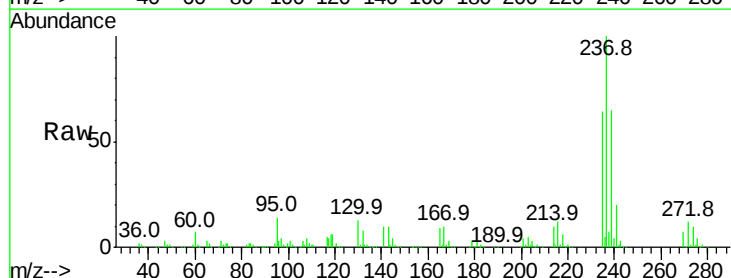
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#40
 Hexachlorocyclopentadiene
 Concen: 85.843 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.2	50.4	90.4	
272	11.6	0.0	31.8	





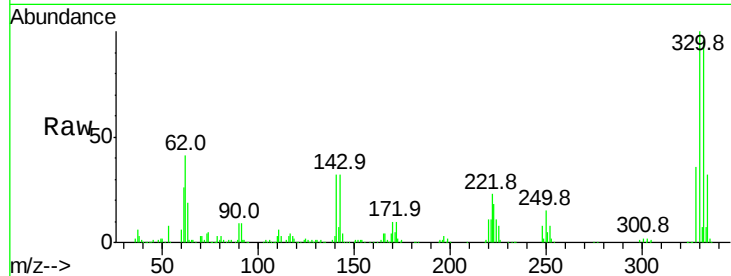
#41
 2,4,6-Tribromophenol
 Concen: 123.875 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

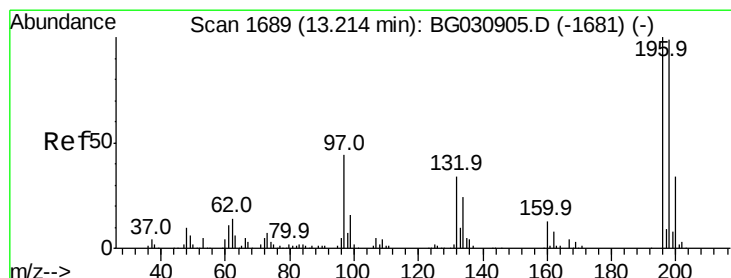
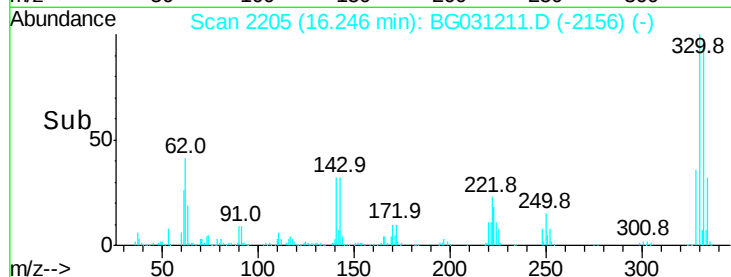
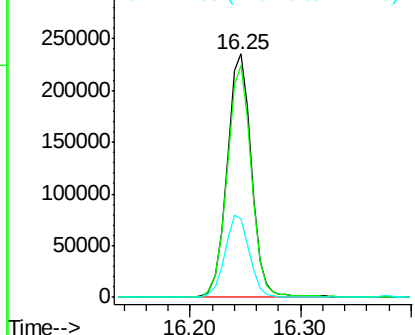
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	34.2	25.2	37.8	

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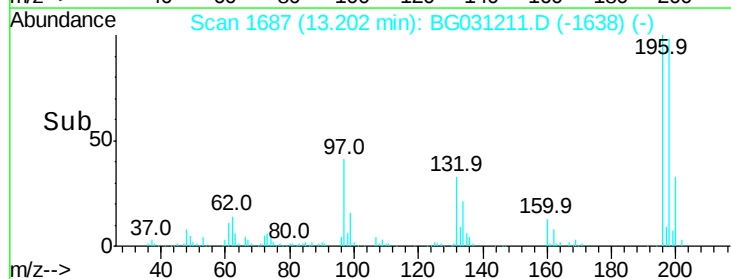
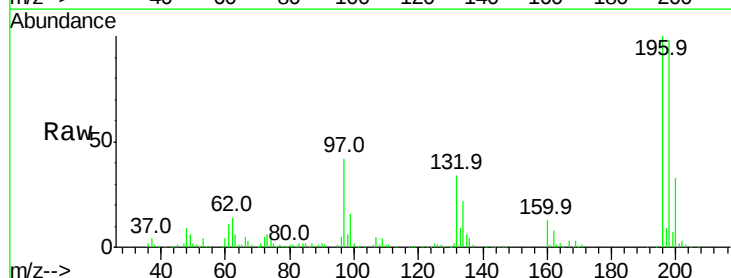
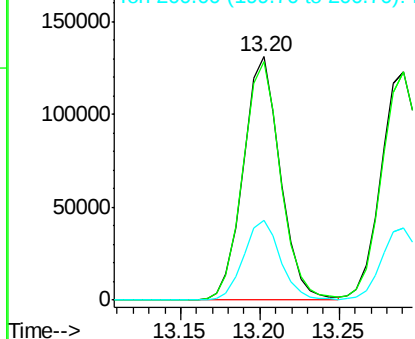
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

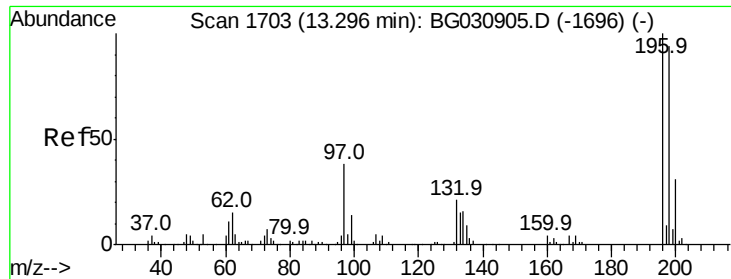


#42
 2,4,6-Trichlorophenol
 Concen: 51.546 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.0	78.2	117.2	
200	32.7	24.6	36.8	

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





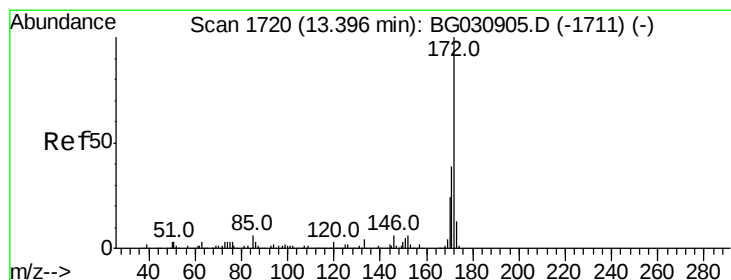
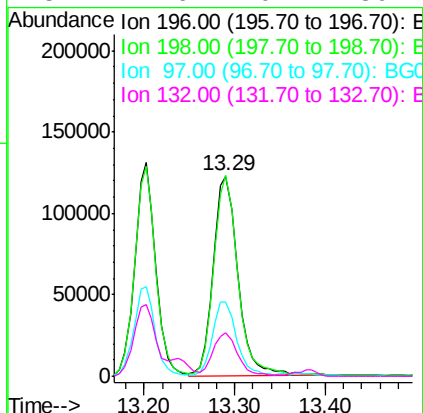
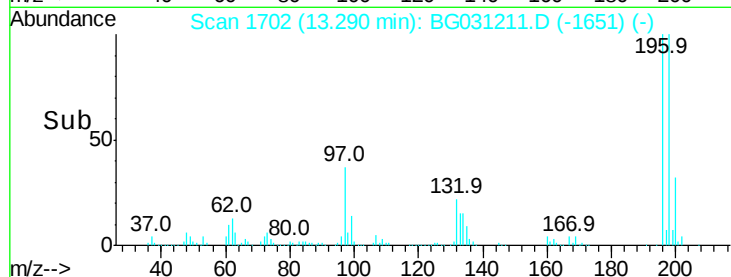
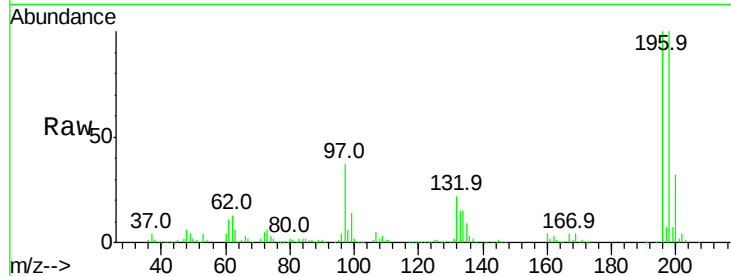
#43
 2,4,5-Trichlorophenol
 Concen: 51.233 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.3	76.2	114.4	
97	37.1	38.7	58.1	
132	21.6	20.2	30.2	

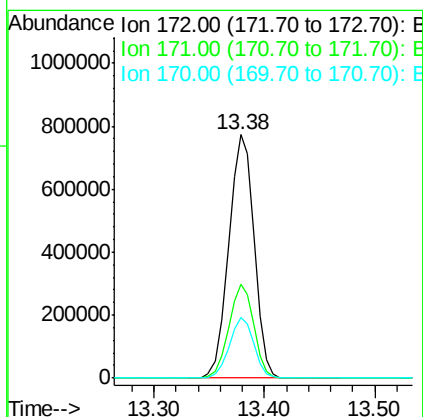
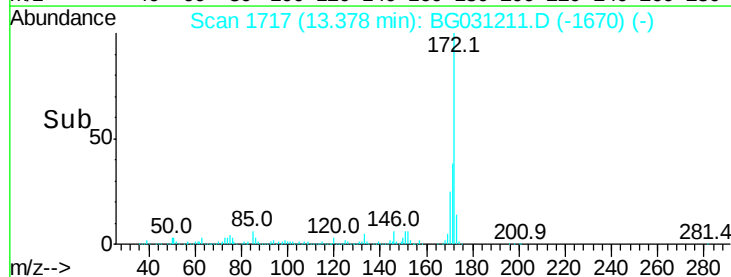
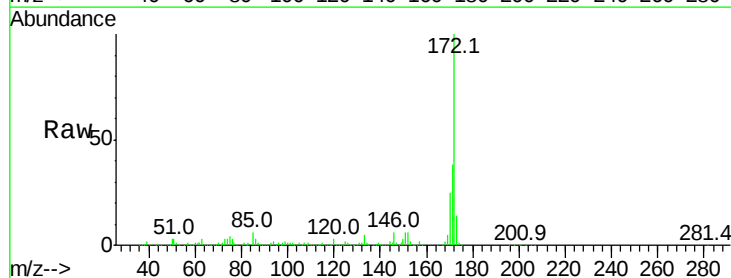
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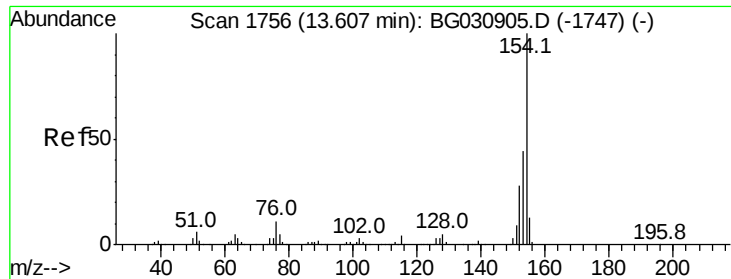
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#44
 2-Fluorobiphenyl
 Concen: 97.960 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.4	30.0	45.0	
170	24.7	19.5	29.3	





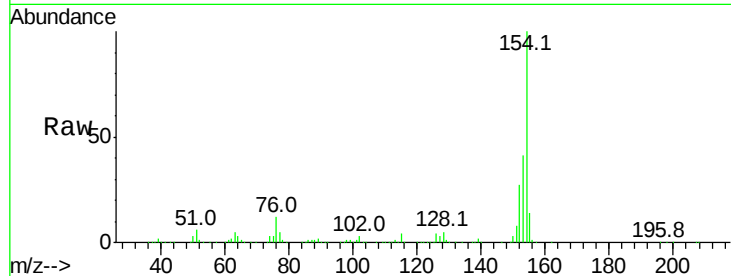
#45
 1,1'-Biphenyl
 Concen: 45.510 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

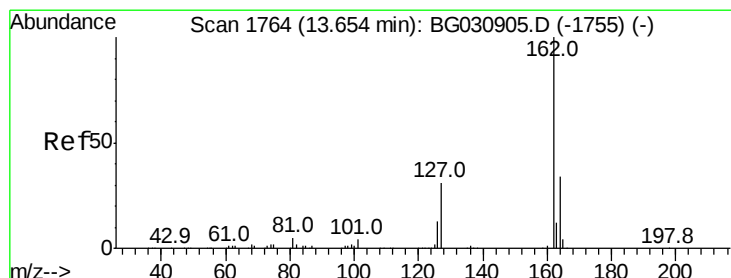
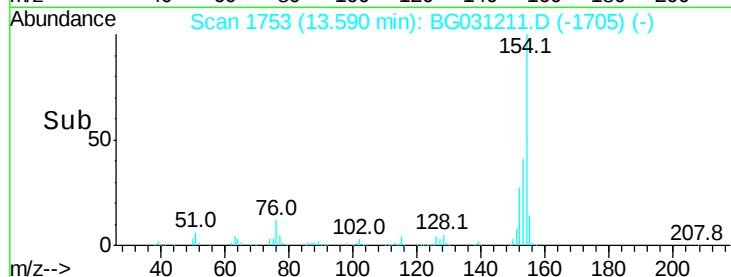
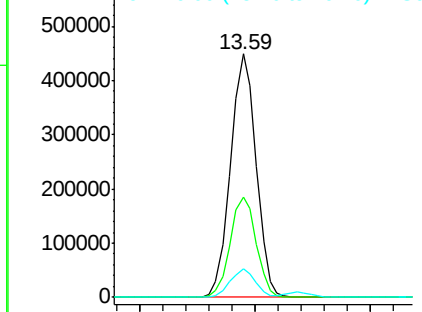
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	19.8	59.8	
76	11.6	0.0	31.9	

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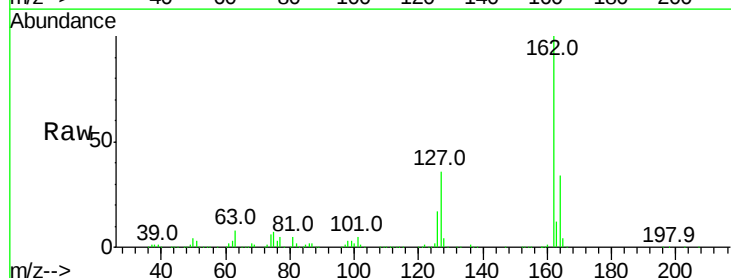


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

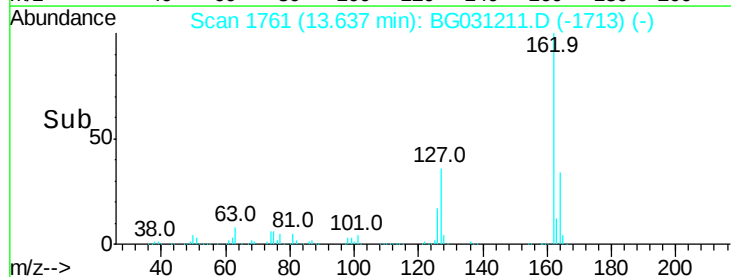
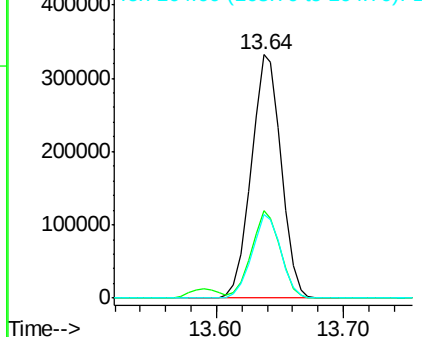


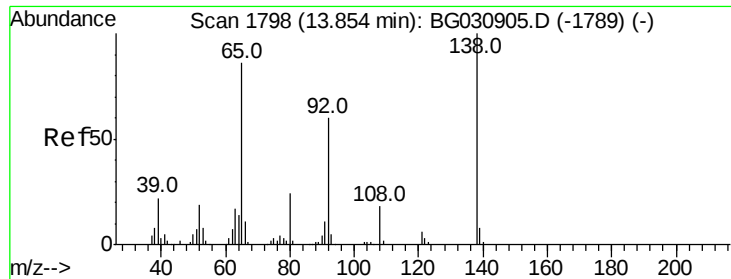
#46
 2-Chloronaphthalene
 Concen: 50.090 ng
 RT: 13.64 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.8	30.7	46.1	
164	34.2	26.0	39.0	



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





#47

2-Nitroaniline

Concen: 48.108 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

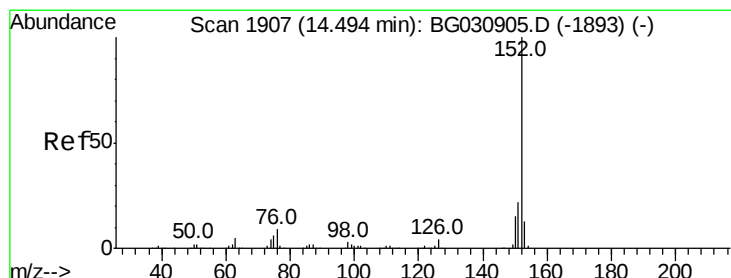
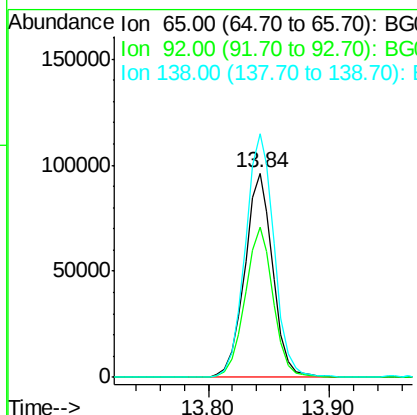
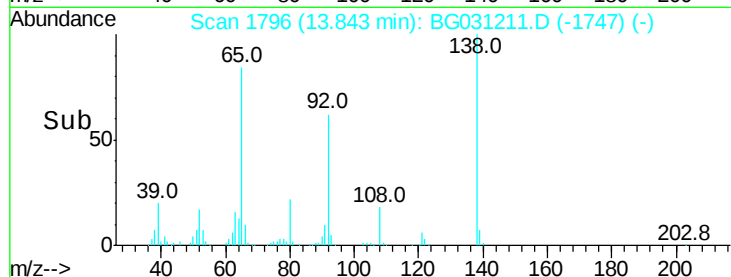
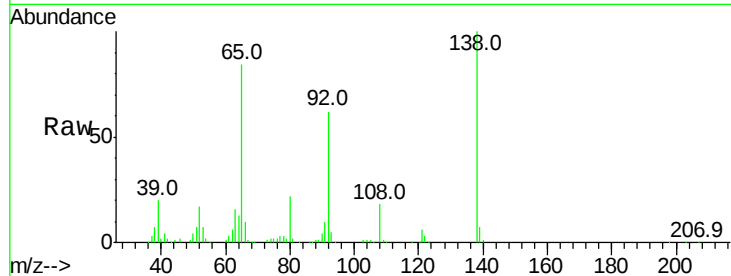
ClientSampleId :

PL-02-112017-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155182		
92	73.8	54.6	82.0	
138	119.1	72.9	109.3	

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#48

Acenaphthylene

Concen: 47.275 ng

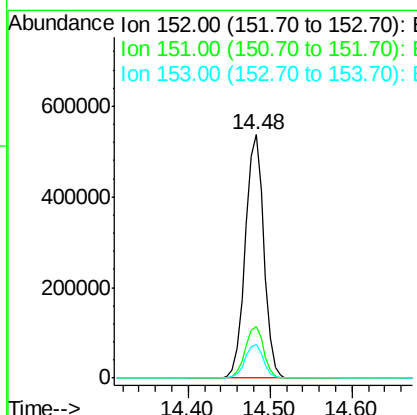
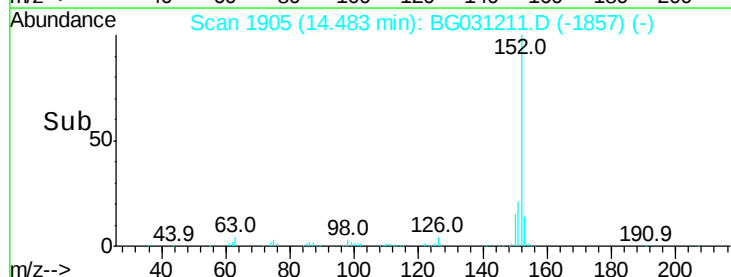
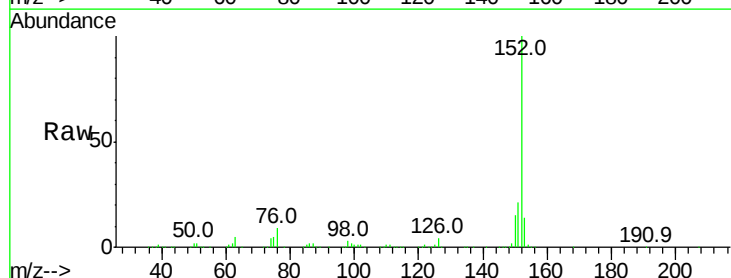
RT: 14.48 min Scan# 1905

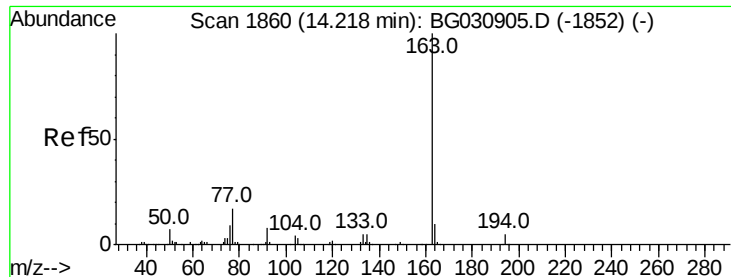
Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	842080		
151	21.0	17.2	25.8	
153	13.9	10.2	15.4	





#49

Dimethylphthalate

Concen: 47.658 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

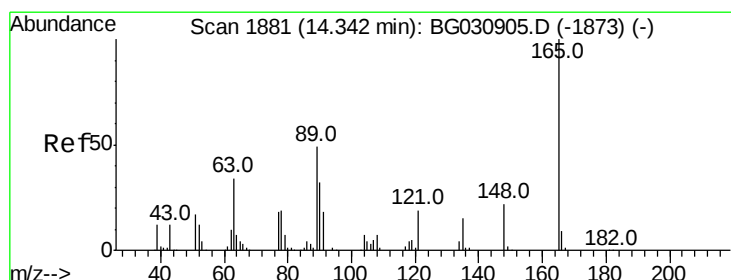
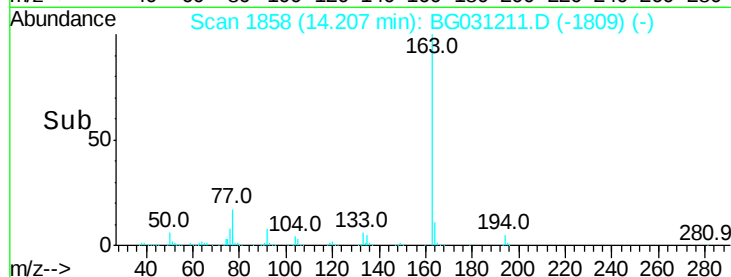
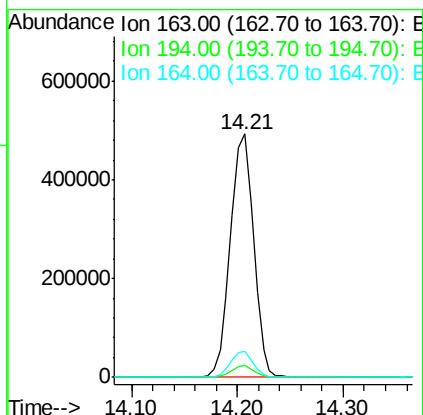
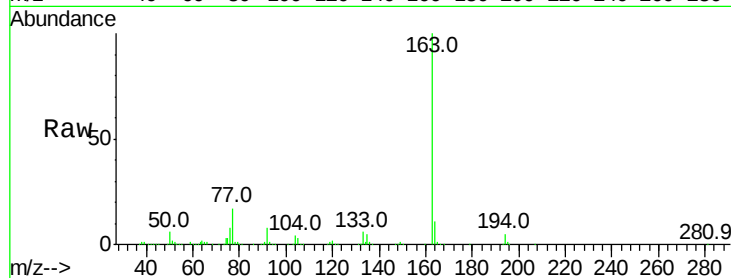
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:163	Resp:	749551
Ion Ratio	Lower	Upper
163	100	
194	4.7	3.4 5.2
164	10.8	8.2 12.4

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#50

2,6-Dinitrotoluene

Concen: 52.988 ng

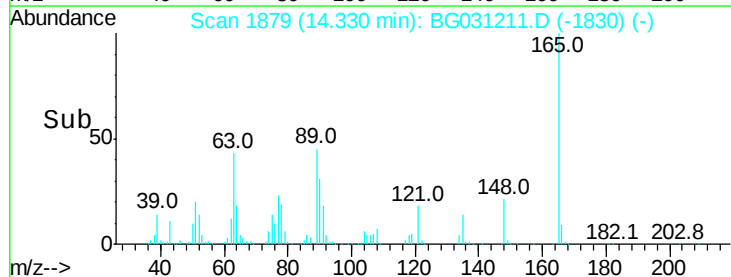
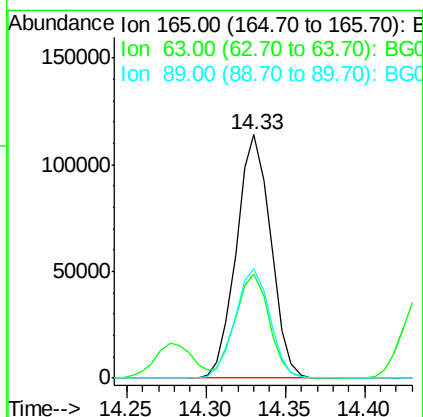
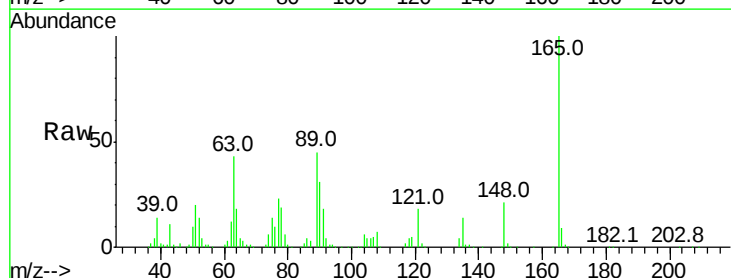
RT: 14.33 min Scan# 1879

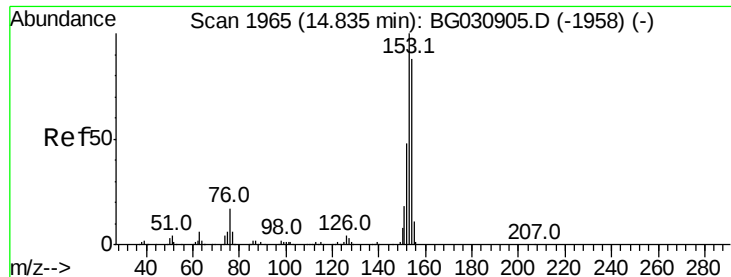
Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:165	Resp:	171771
Ion Ratio	Lower	Upper
165	100	
63	42.7	52.7 79.1#
89	44.6	49.2 73.8#





#51

Acenaphthene

Concen: 48.207 ng

RT: 14.82 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

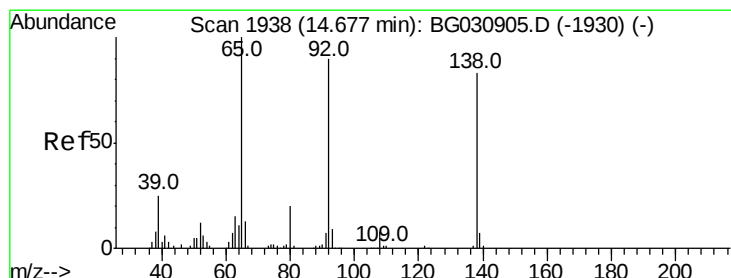
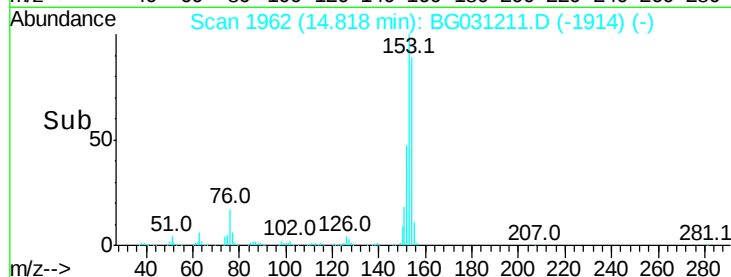
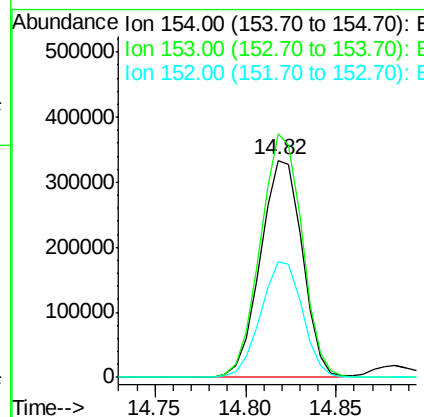
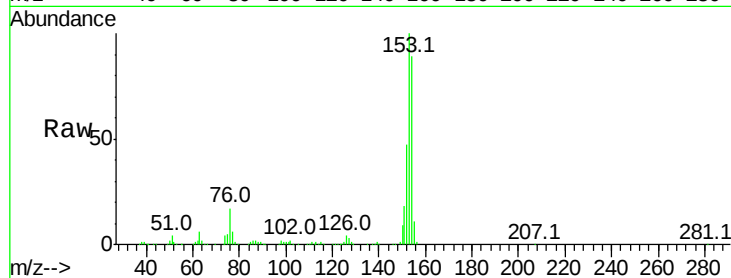
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:	154	Resp:	536273
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.4	135.6
152	53.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 7.189 ng

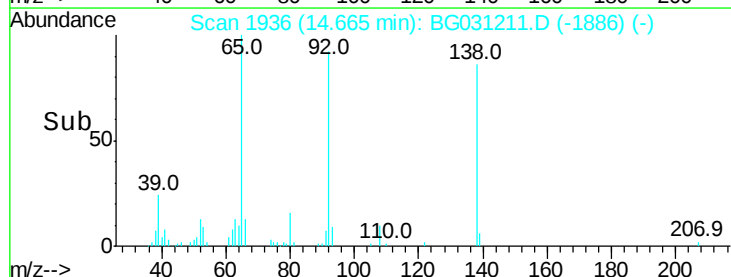
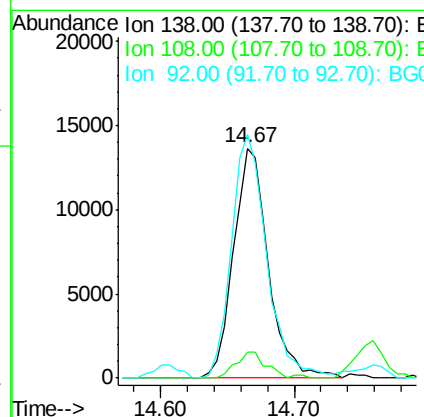
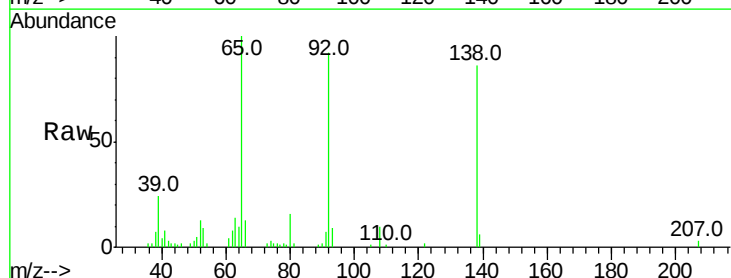
RT: 14.67 min Scan# 1936

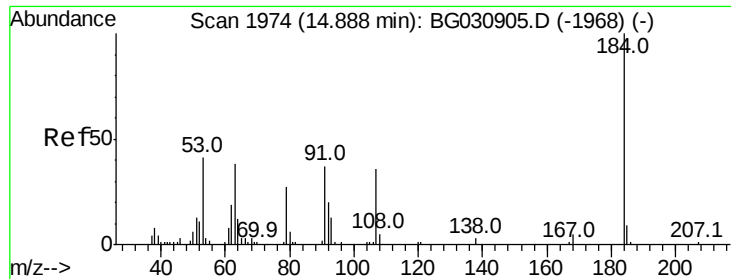
Delta R.T. -0.00 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	138	Resp:	24745
Ion Ratio	Lower	Upper	
138	100		
108	11.3	17.5	26.3#
92	105.9	105.8	158.8





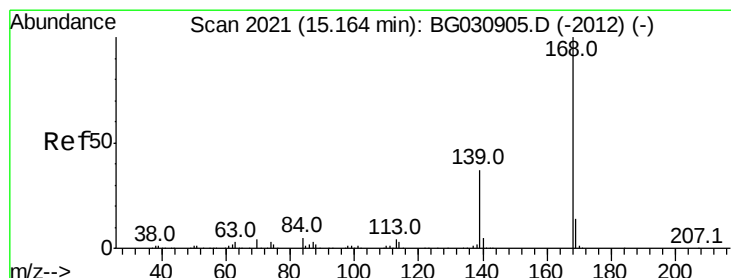
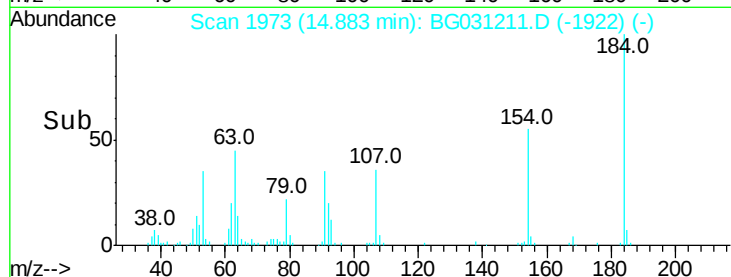
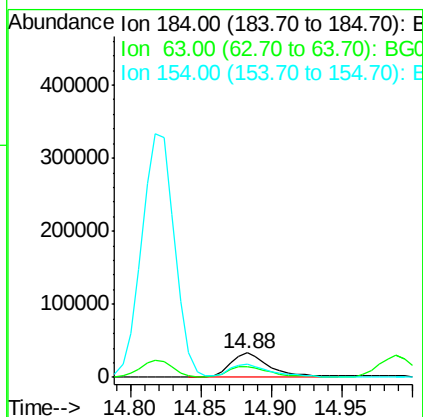
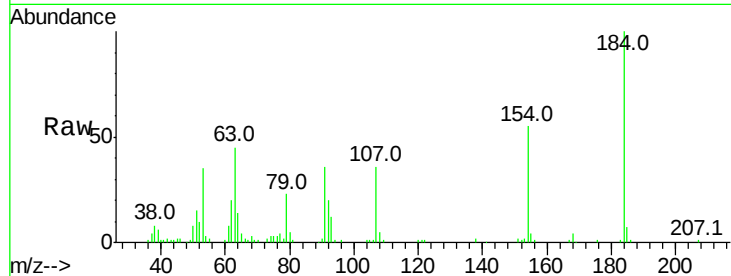
#53
2,4-Dinitrophenol
Concen: 40.271 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion:184 Resp: 66215
Ion Ratio Lower Upper
184 100
63 45.3 59.8 89.8#
154 55.4 101.8 152.8#

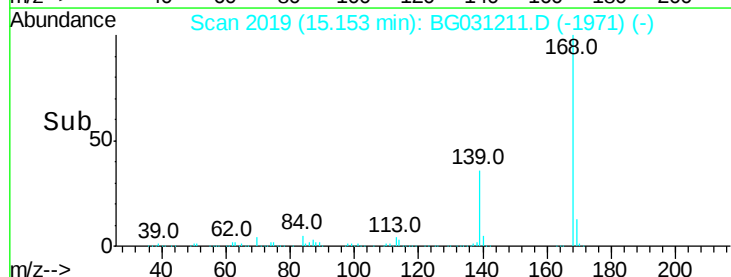
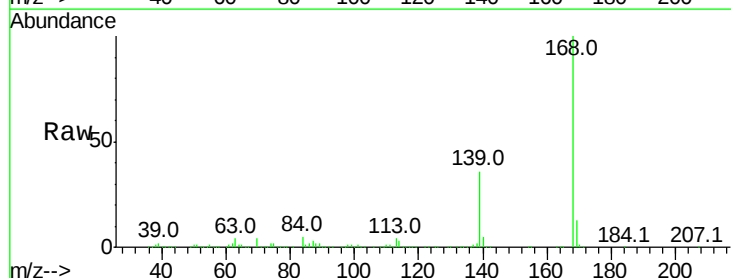
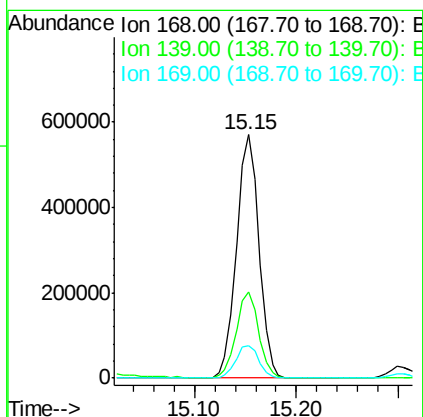
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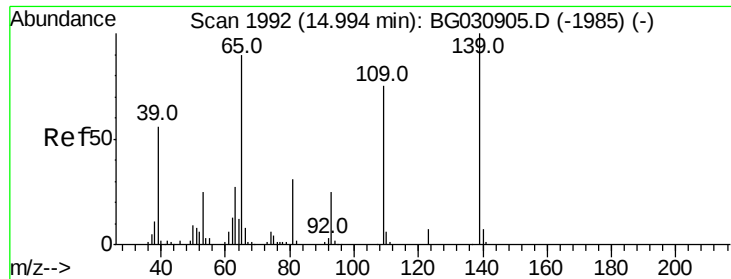
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#54
Dibenzofuran
Concen: 49.499 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion:168 Resp: 877095
Ion Ratio Lower Upper
168 100
139 35.6 28.6 43.0
169 13.5 11.2 16.8





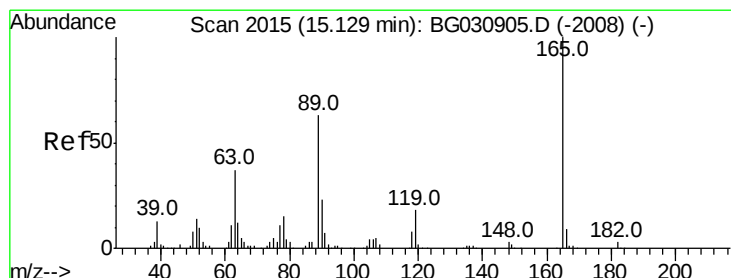
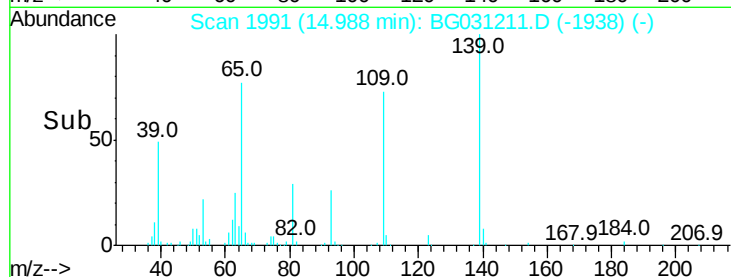
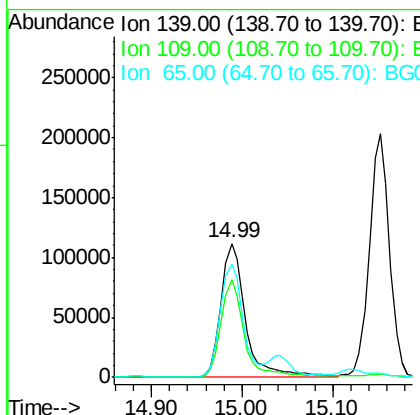
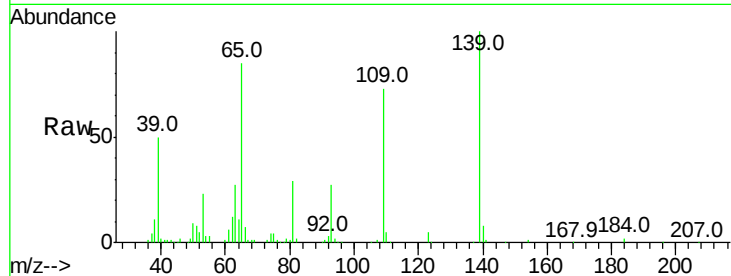
#55
4-Nitrophenol
Concen: 86.123 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	211171		
109	72.8	62.2	102.2	
65	84.9	97.2	137.2#	

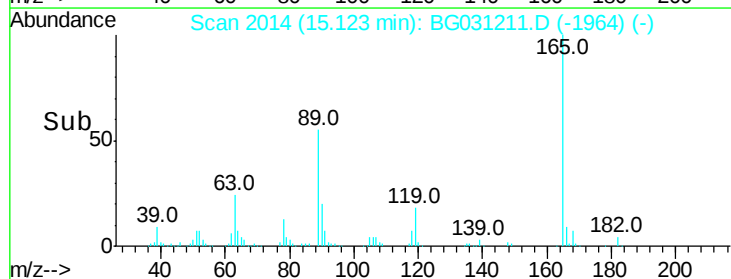
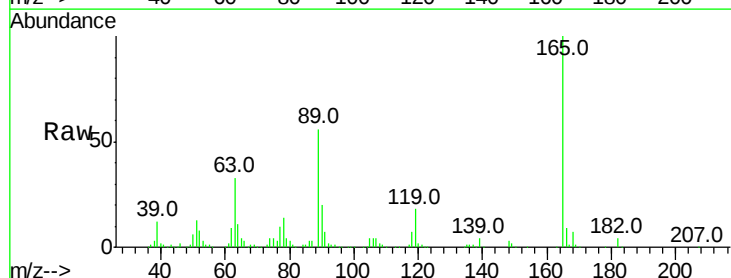
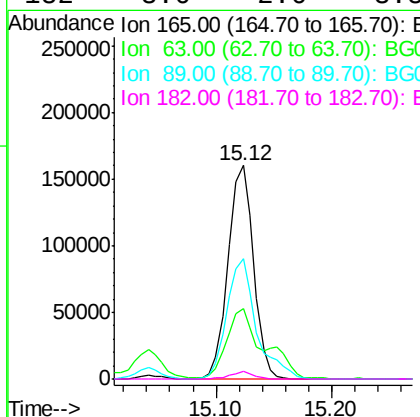
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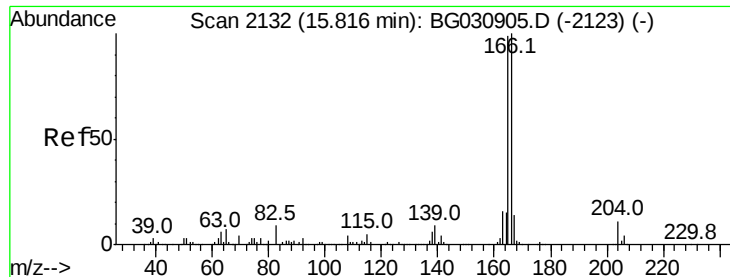
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#56
2,4-Dinitrotoluene
Concen: 52.253 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	244886		
63	32.8	42.0	63.0#	
89	56.1	66.9	100.3#	
182	3.6	2.6	3.8	





#57

Fluorene

Concen: 49.143 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

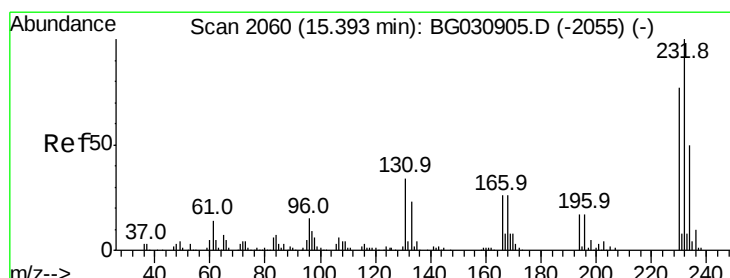
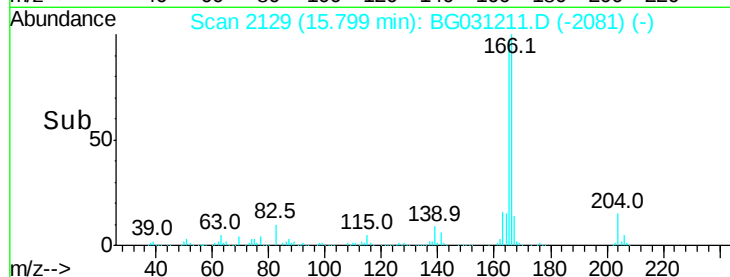
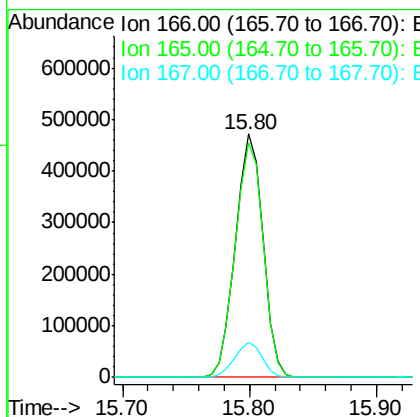
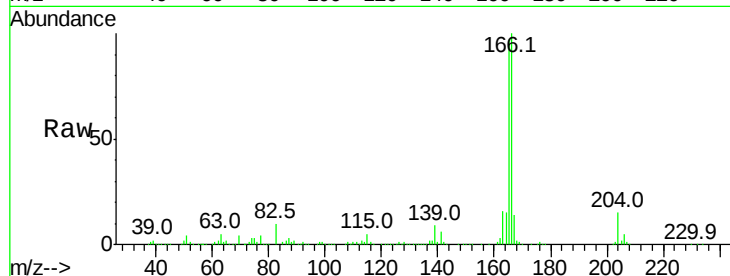
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:	166	Resp:	706960
Ion Ratio	Lower	Upper	
166	100		
165	96.6	80.6	121.0
167	14.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.866 ng

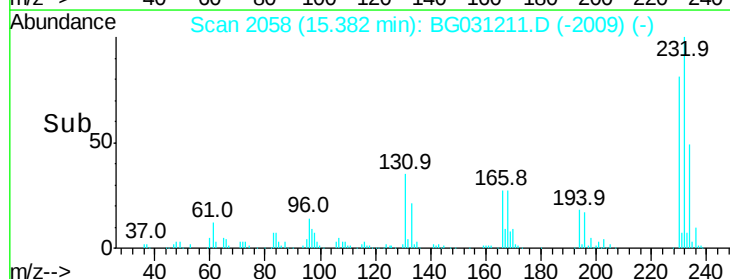
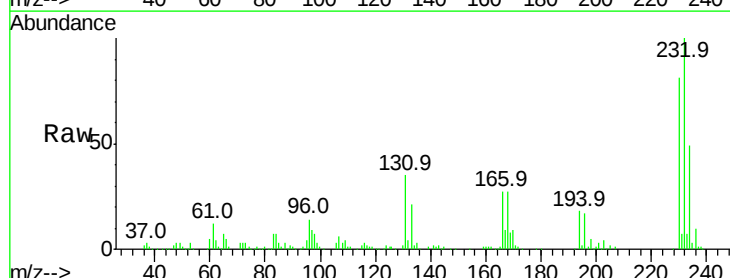
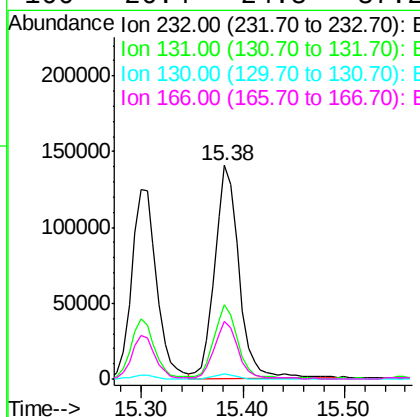
RT: 15.38 min Scan# 2058

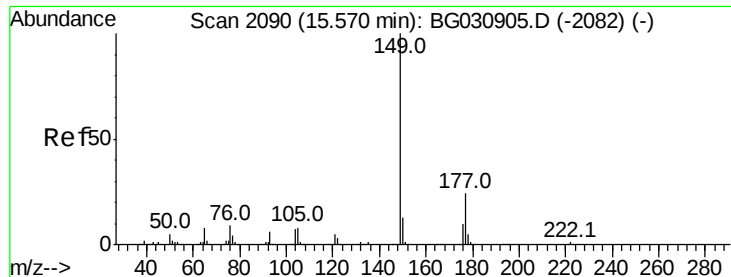
Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	232	Resp:	231826
Ion Ratio	Lower	Upper	
232	100		
131	34.5	33.5	50.3
130	2.0	2.2	3.2#
166	26.4	24.8	37.2





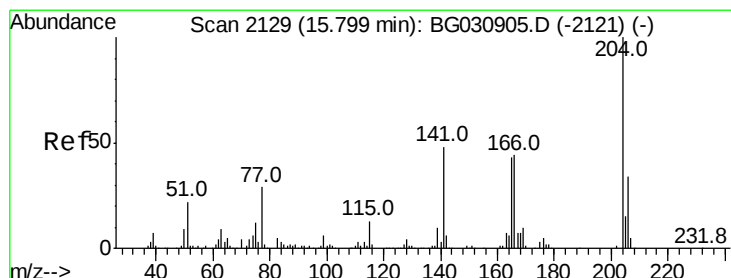
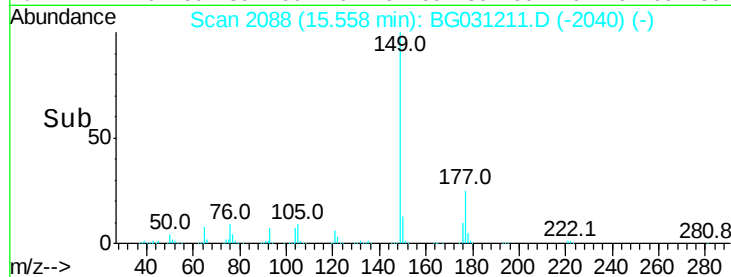
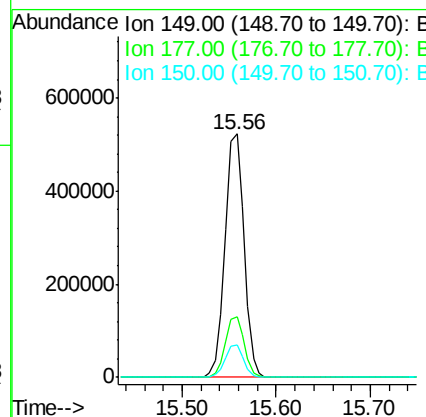
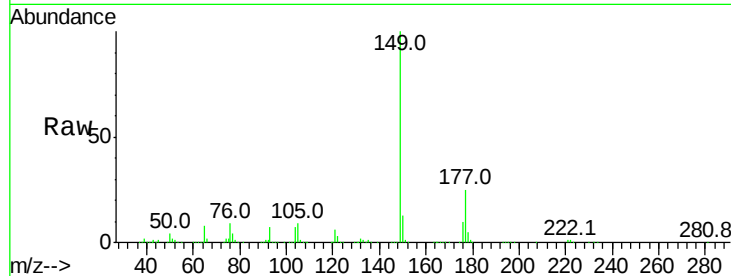
#59
Diethylphthalate
Concen: 46.358 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.5	27.7
150	13.2	10.2	15.2

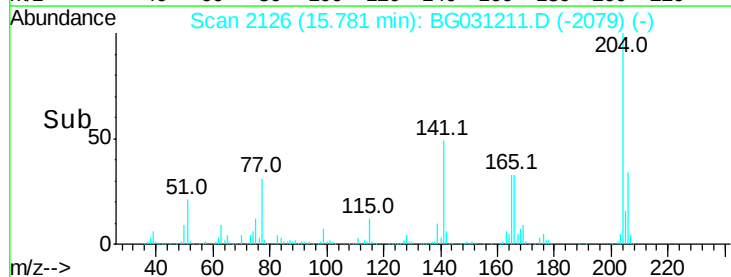
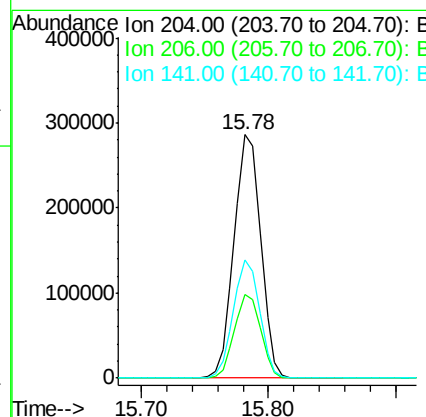
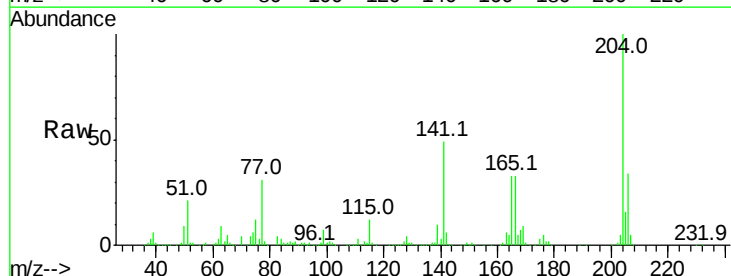
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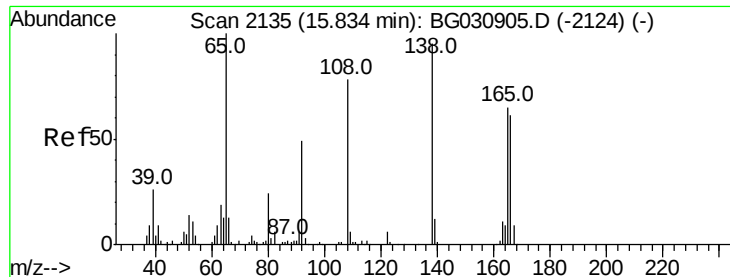
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 47.919 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	48.8	45.8	68.6





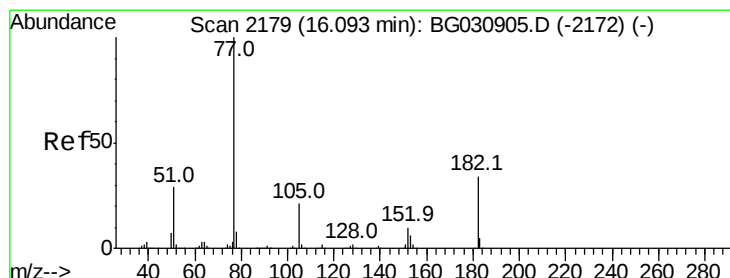
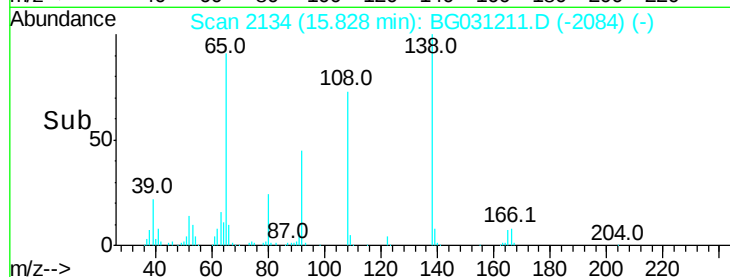
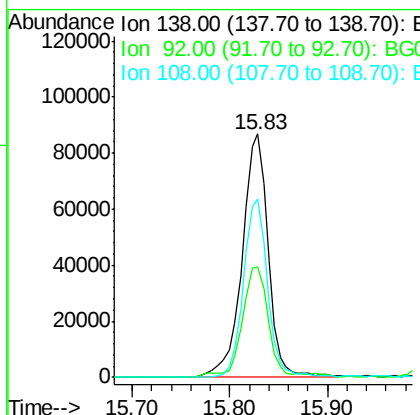
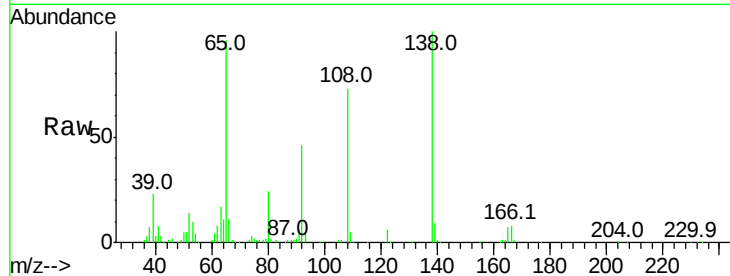
#61
4-Nitroaniline
Concen: 44.571 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	40.1	80.1
108	73.1	65.4	105.4

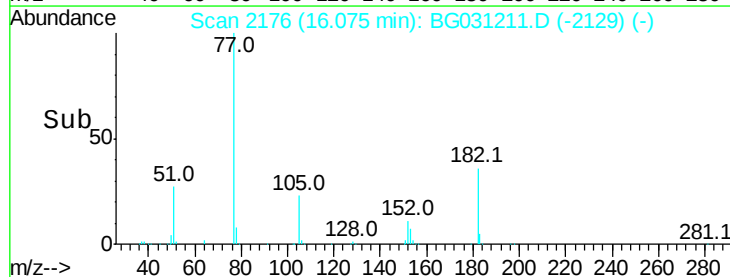
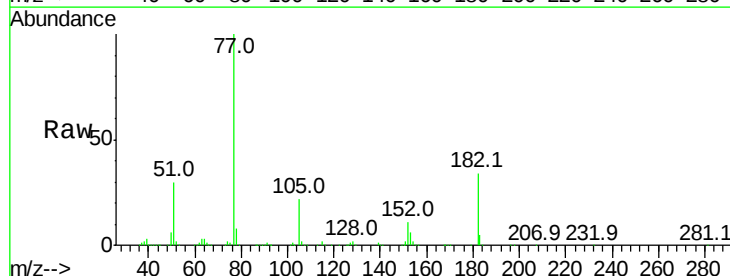
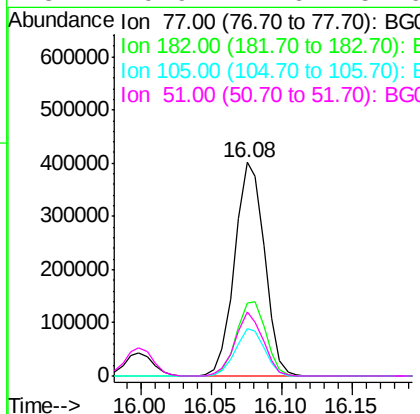
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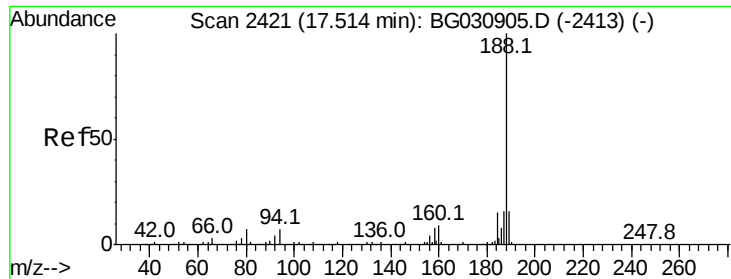
Sohil
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#62
Azobenzene
Concen: 48.303 ng
RT: 16.08 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.2	7.4	47.4
105	21.9	0.3	40.3
51	29.9	11.6	51.6





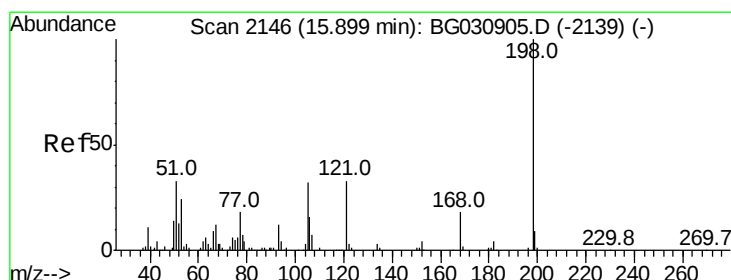
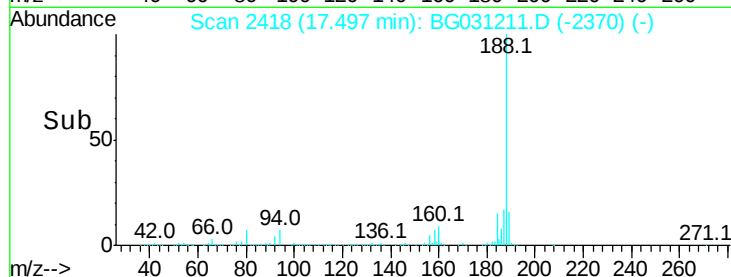
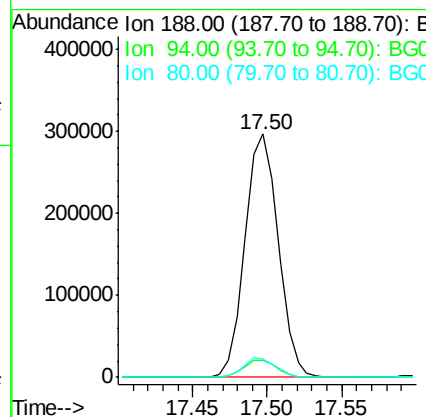
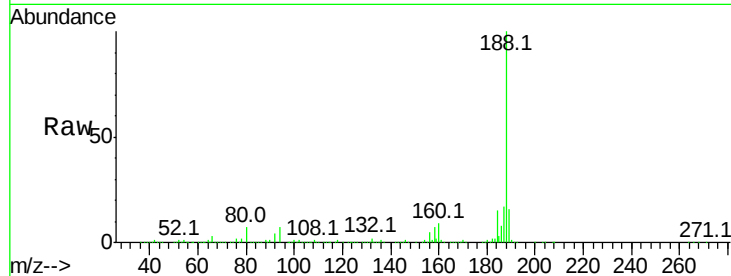
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.5	7.7	11.5#

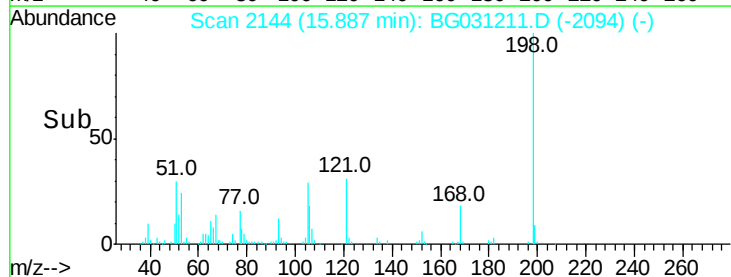
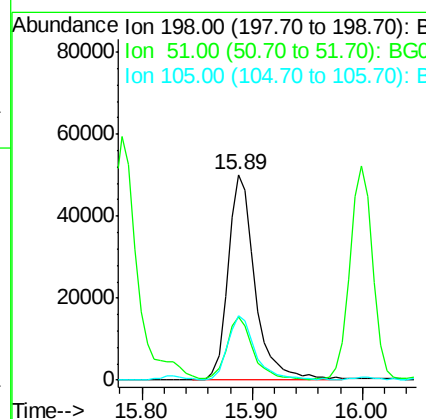
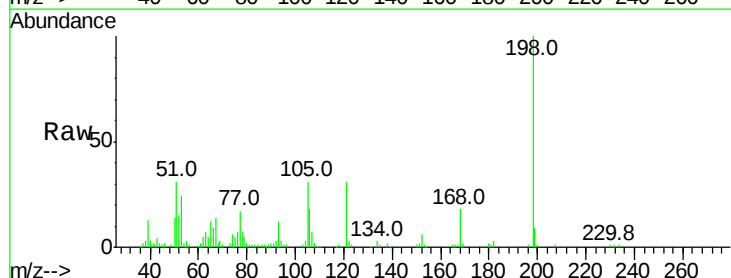
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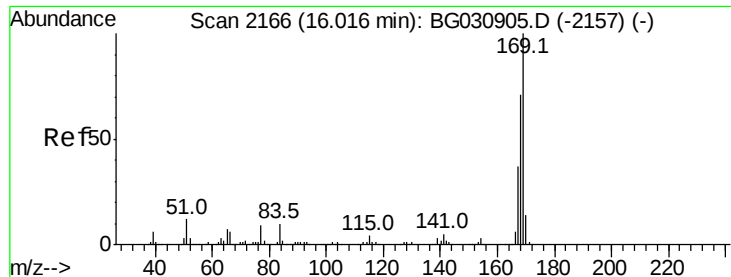
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.153 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.9	30.6	70.6
105	31.3	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 47.486 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-AMSD

Tot Ion:169 Resp: 658876

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

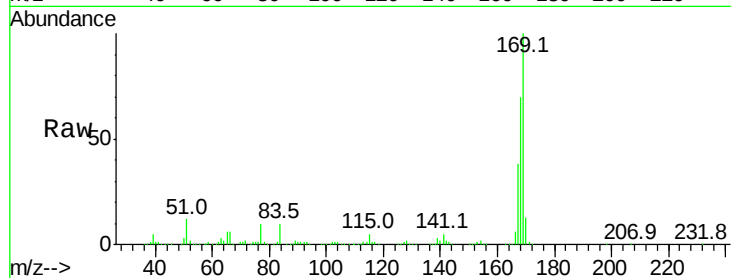
167 37.8 30.1 45.1

Manual Integrations

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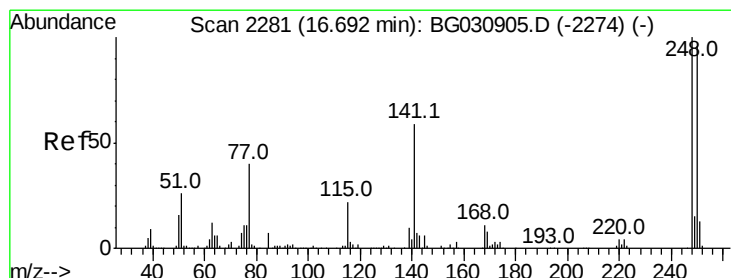
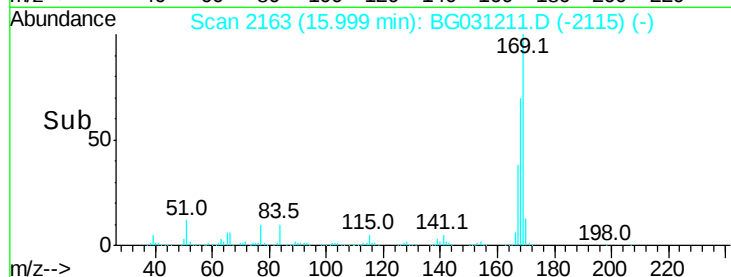
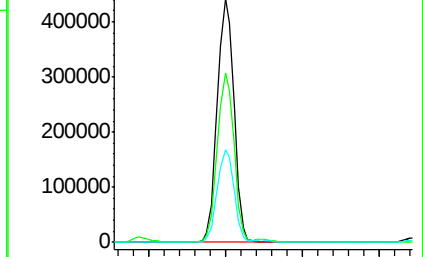
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.495 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

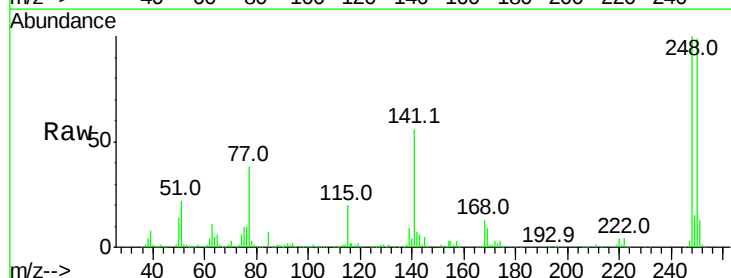
Tgt Ion:248 Resp: 275438

Ion Ratio Lower Upper

248 100

250 99.0 77.1 115.7

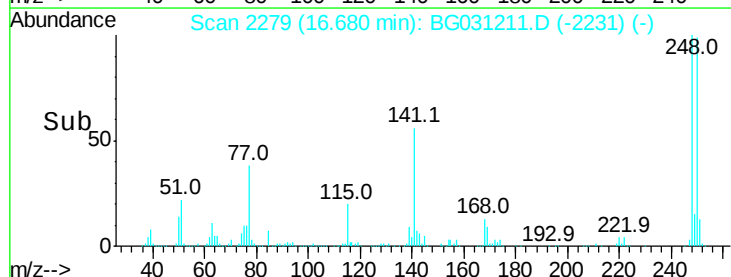
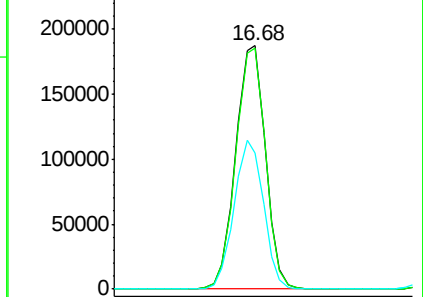
141 55.8 50.8 76.2

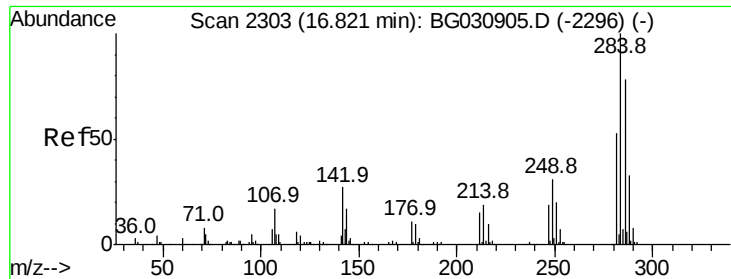


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.147 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

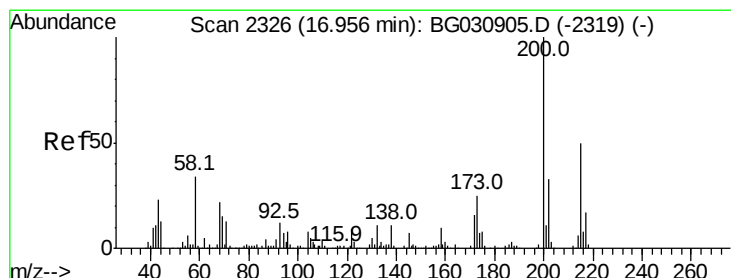
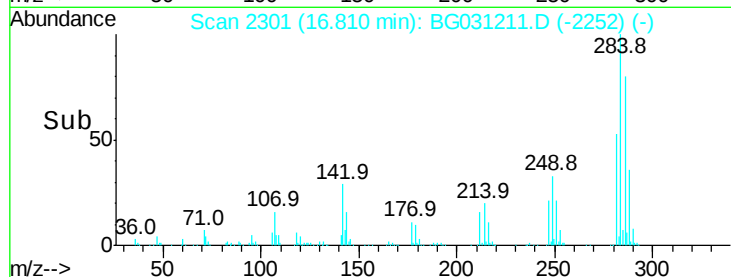
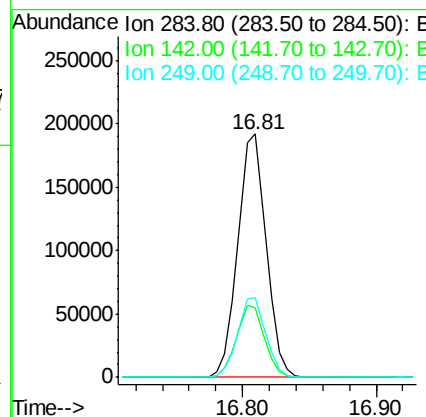
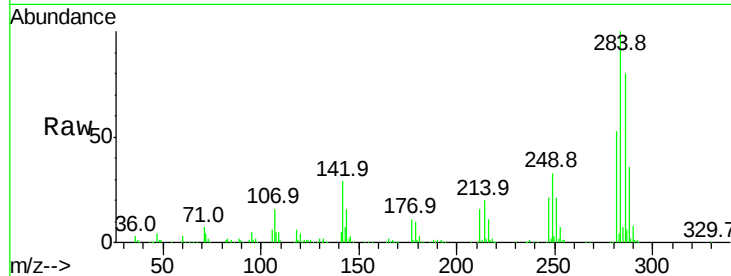
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:	284	Resp:	284363
Ion Ratio		Lower	Upper
284	100		
142	28.6	26.8	40.2
249	32.6	26.3	39.5

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#68

Atrazine

Concen: 47.780 ng

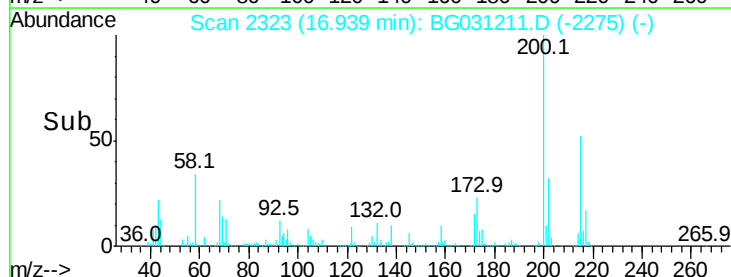
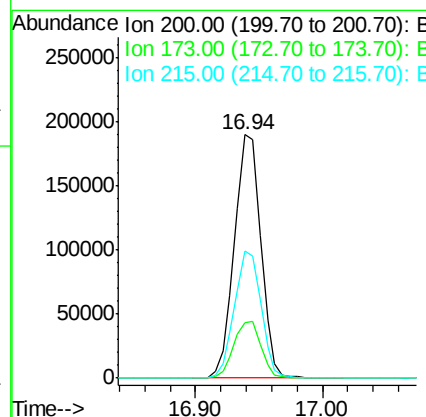
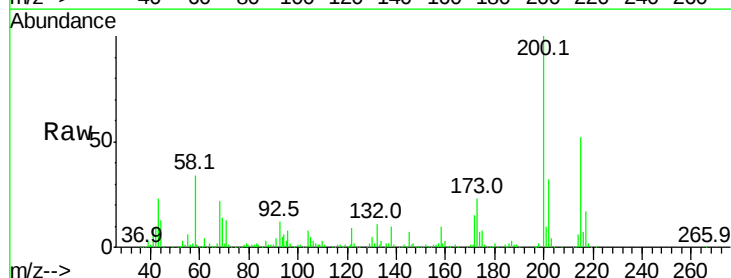
RT: 16.94 min Scan# 2323

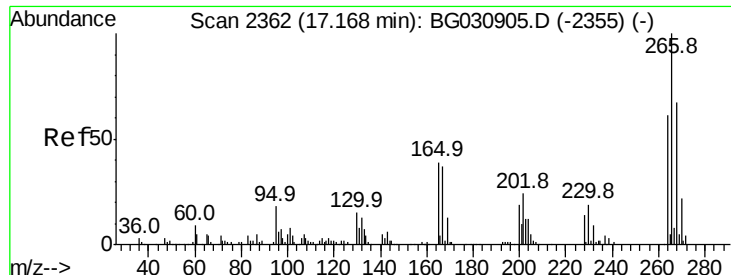
Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	200	Resp:	273530
Ion Ratio		Lower	Upper
200	100		
173	23.0	5.2	45.2
215	52.0	30.4	70.4





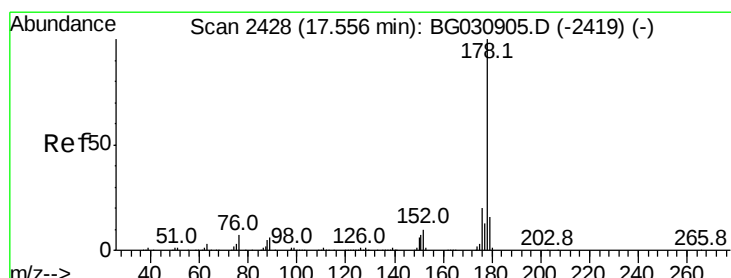
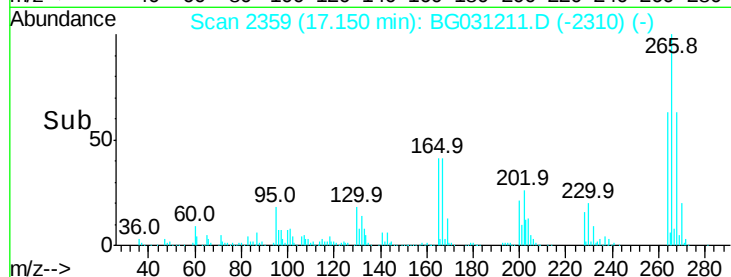
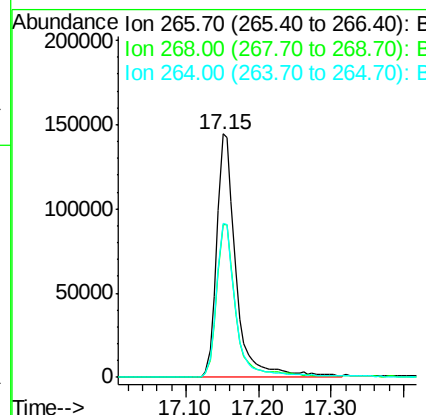
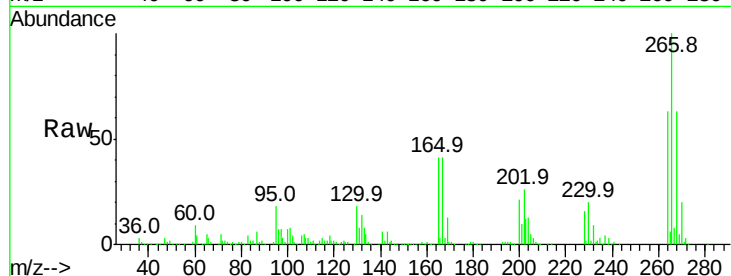
#69
 Pentachlorophenol
 Concen: 79.278 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion:	266	Resp:	270039
Ion Ratio		Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.1	49.6	74.4

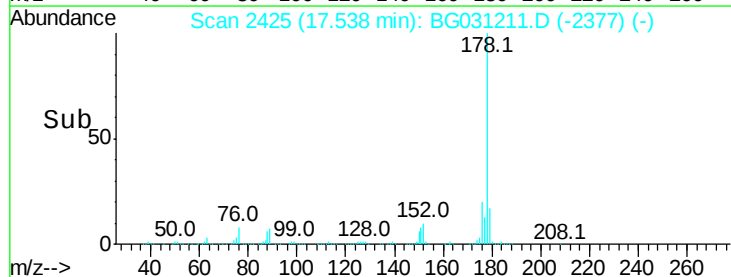
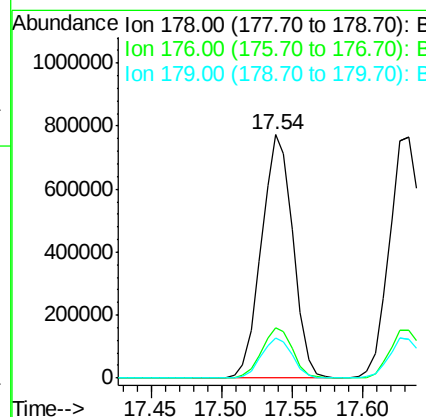
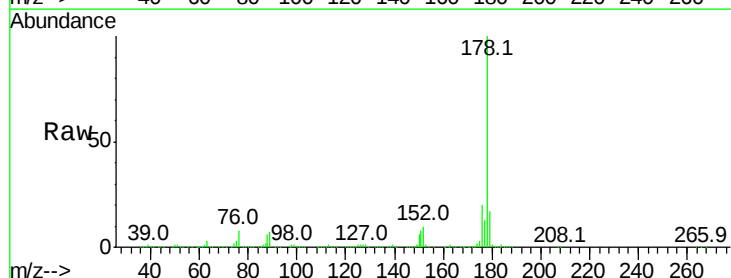
Manual Integrations
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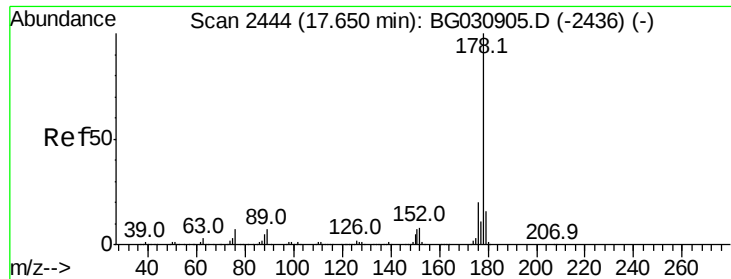
Sohil
 11/27/2017 3:22:08 PM



#70
 Phenanthrene
 Concen: 50.705 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion:	178	Resp:	1208856
Ion Ratio		Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.7	12.5	18.7





#71

Anthracene

Concen: 51.411 ng

RT: 17.63 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-AMSD

Tot Ion:178 Resp: 1228140

Ion Ratio Lower Upper

178 100

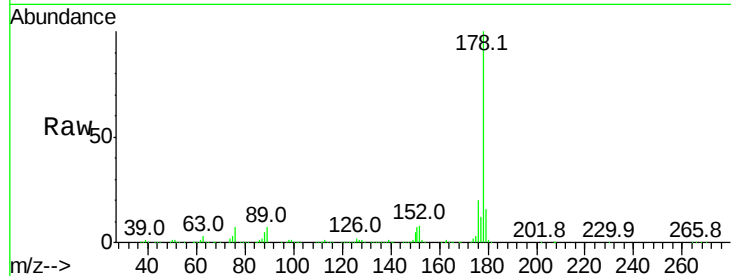
176 20.1 16.0 24.0

179 16.3 12.5 18.7

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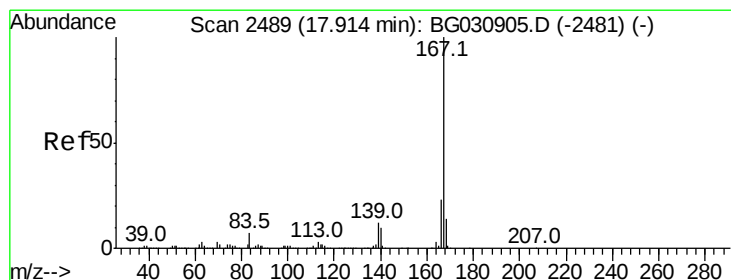
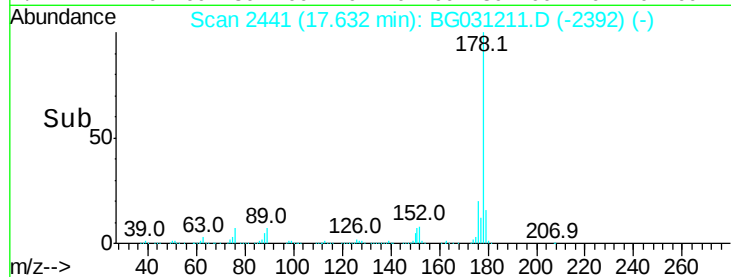
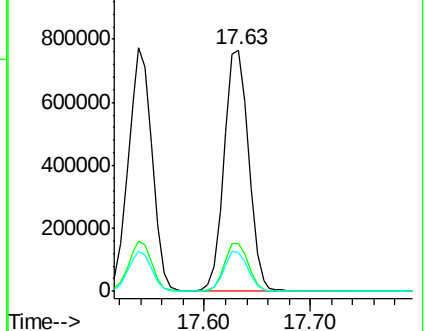
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.943 ng

RT: 17.90 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

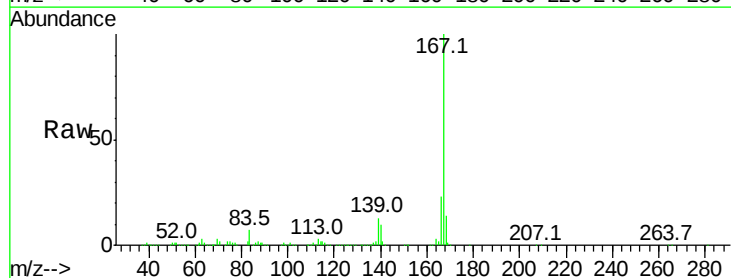
Tgt Ion:167 Resp: 1140271

Ion Ratio Lower Upper

167 100

166 23.5 18.2 27.4

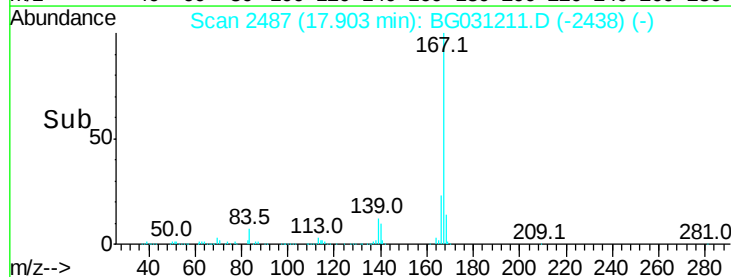
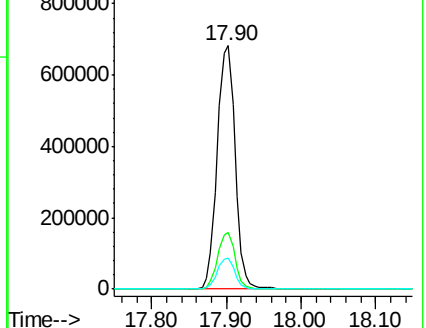
139 12.7 9.4 14.2

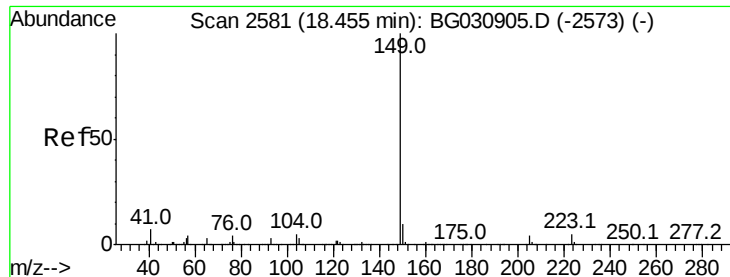


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.975 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-AMSD

Tot Ion:149 Resp: 1291008

Ion Ratio Lower Upper

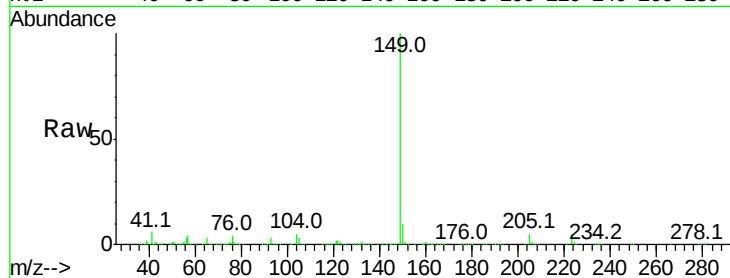
149 100

150 10.3 7.8 11.6

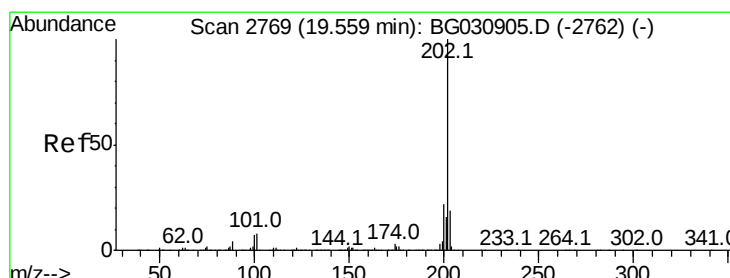
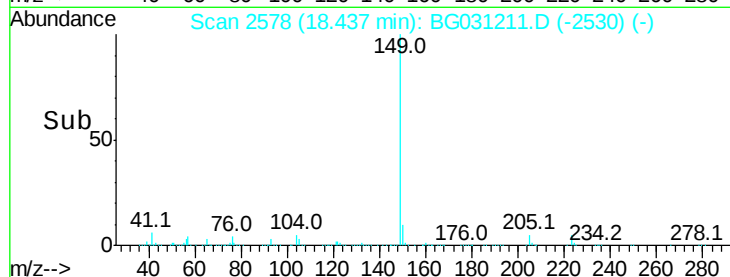
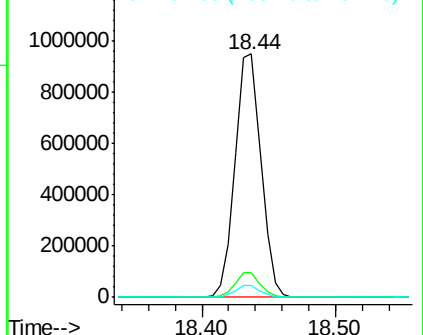
104 4.9 3.9 5.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.955 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

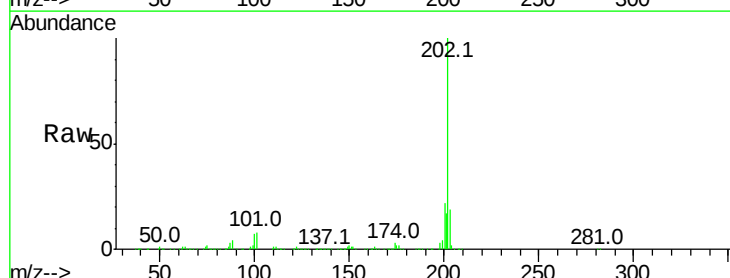
Tgt Ion:202 Resp: 1568289

Ion Ratio Lower Upper

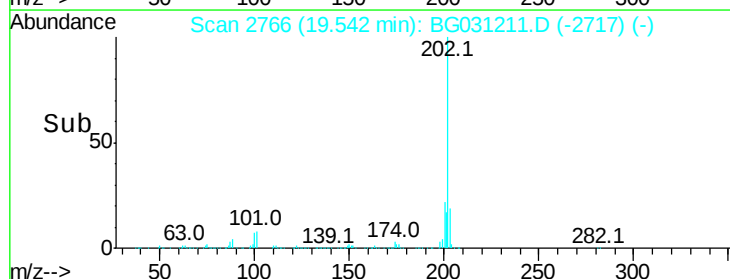
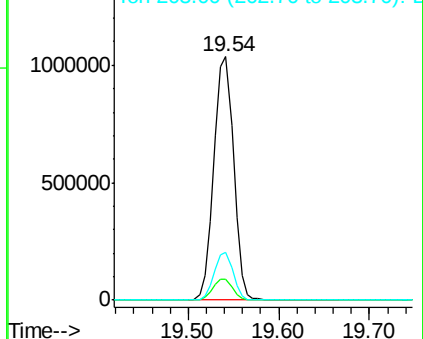
202 100

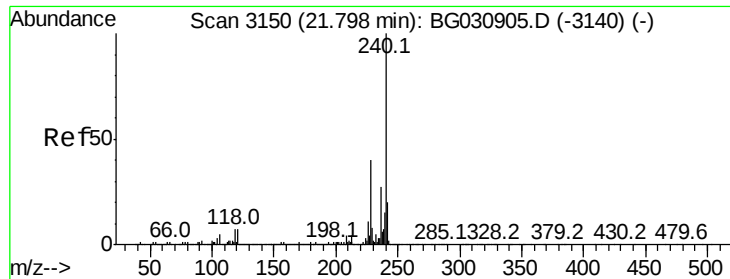
101 8.4 0.0 28.9

203 19.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

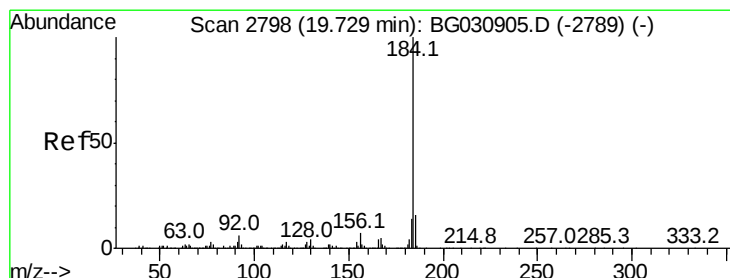
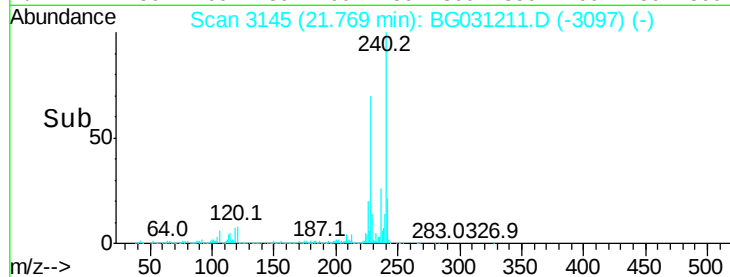
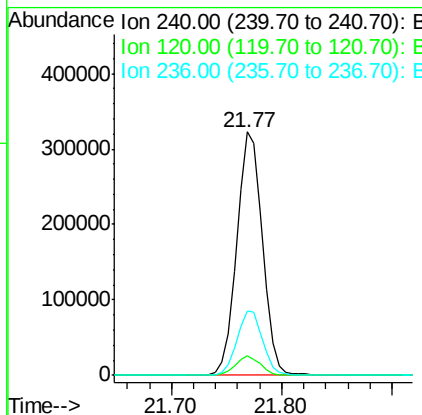
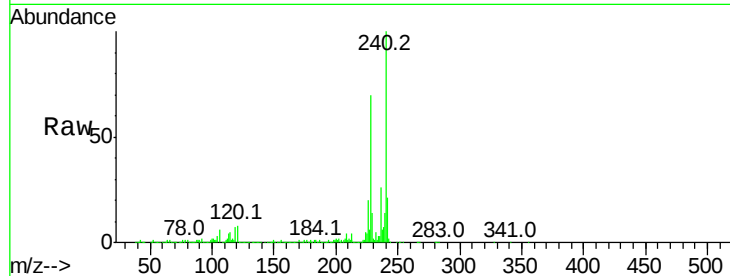
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:	240	Resp:	526371
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.8	10.2
236	26.5	20.9	31.3

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#76

Benzidine

Concen: 21.053 ng

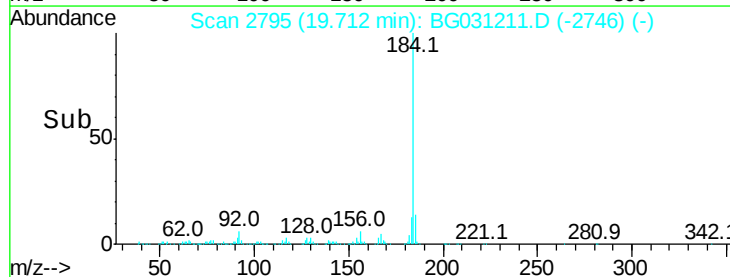
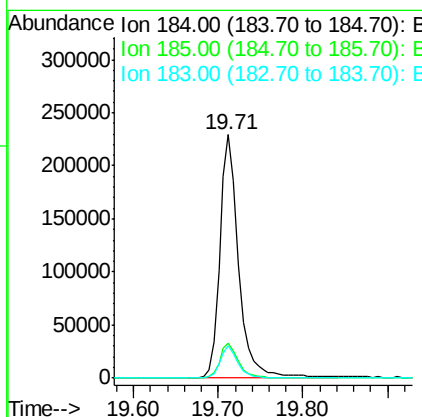
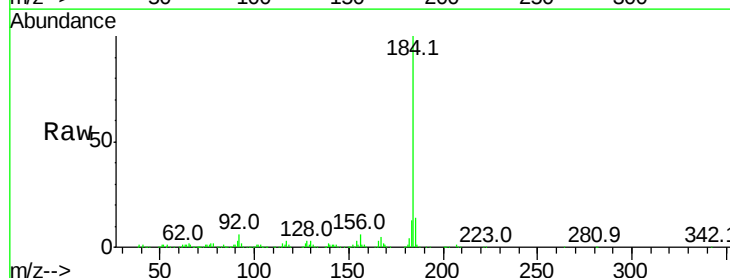
RT: 19.71 min Scan# 2795

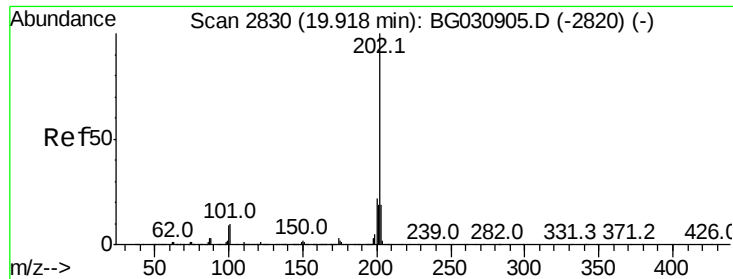
Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	184	Resp:	355961
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.1	16.7
183	13.4	10.6	16.0





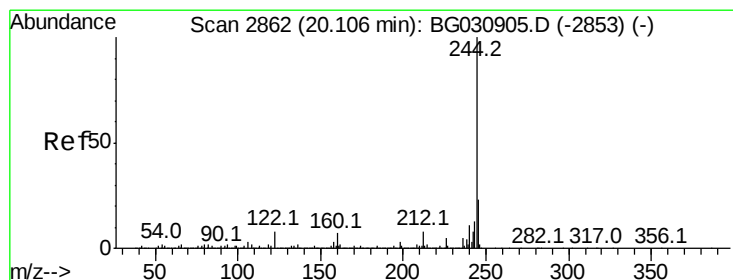
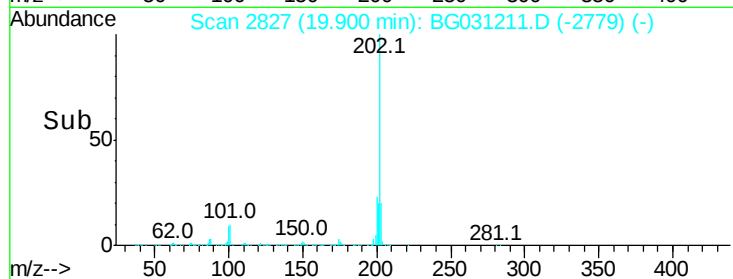
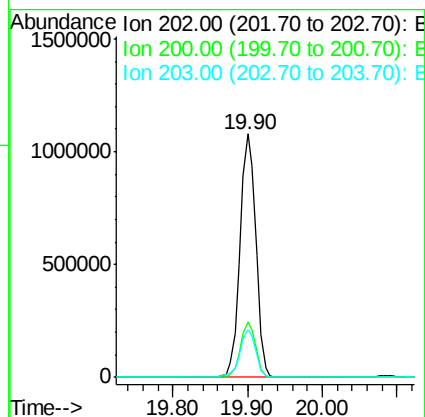
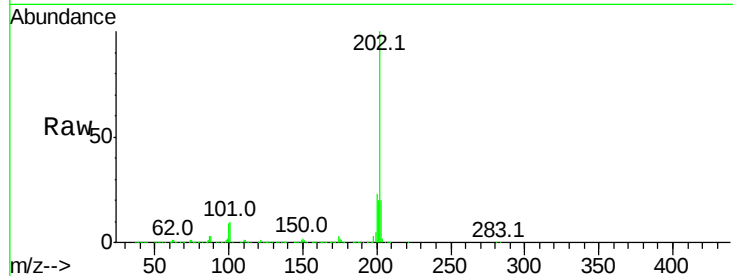
#77
Pvrene
Concen: 50.789 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	19.8	13.9	20.9

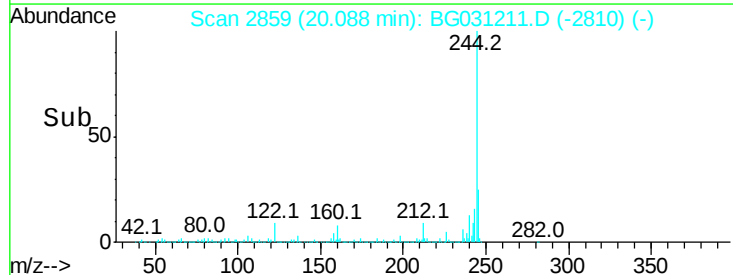
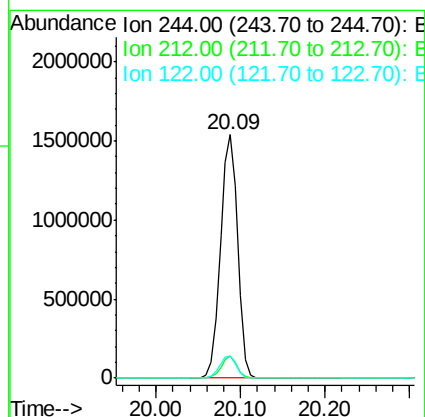
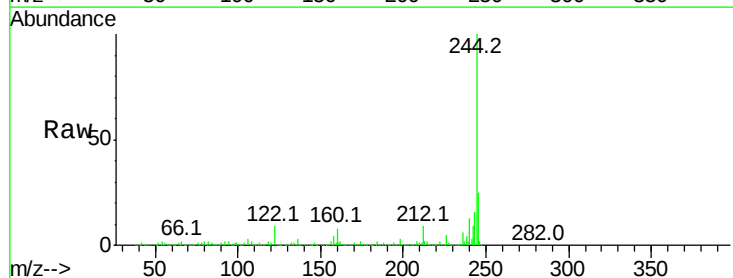
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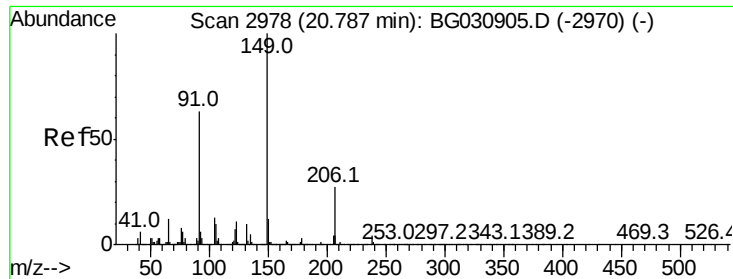
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#78
Terphenyl-d14
Concen: 91.802 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.2	7.0	10.4





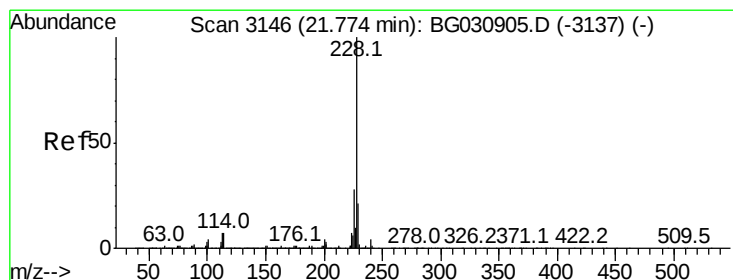
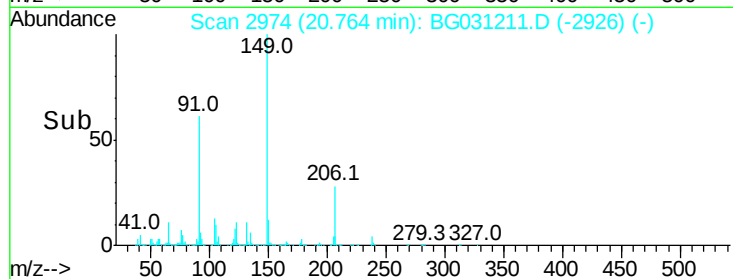
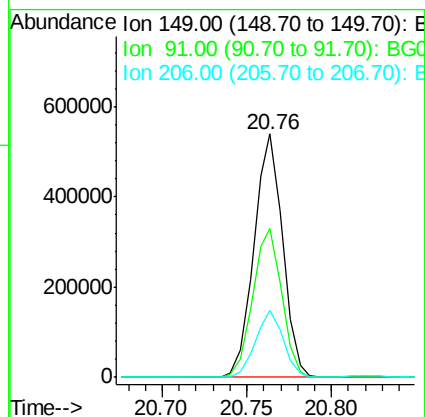
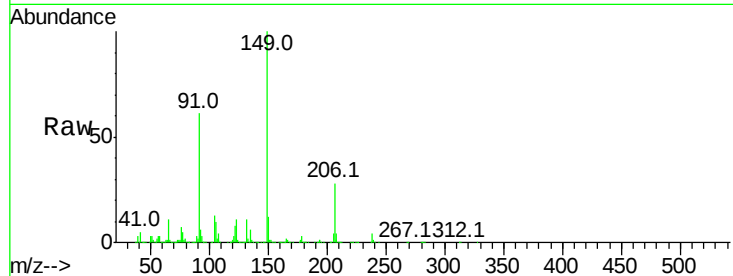
#79
Butylbenzylphthalate
Concen: 51.154 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.4	62.2	93.2#
206	27.5	18.6	27.8

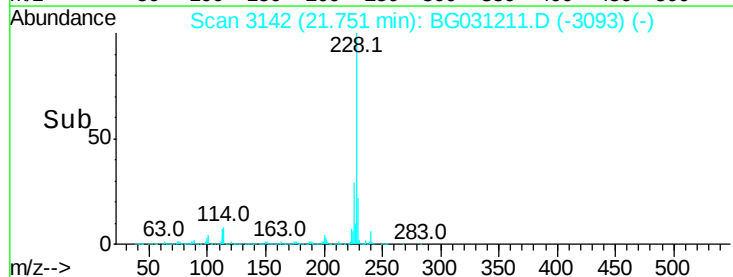
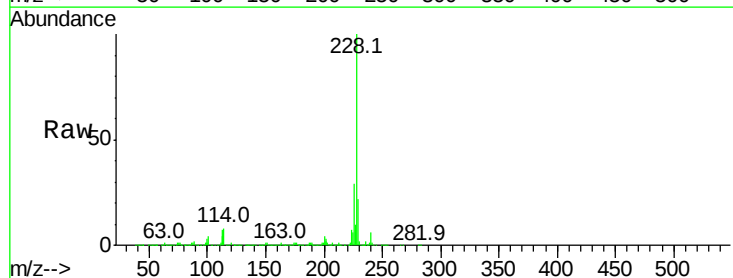
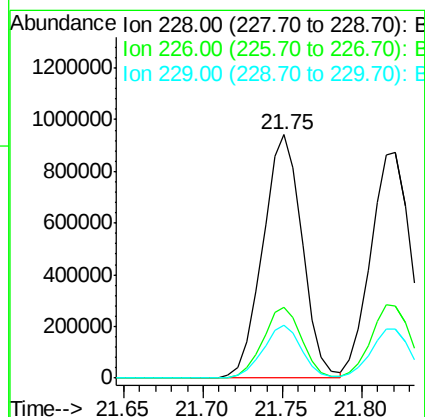
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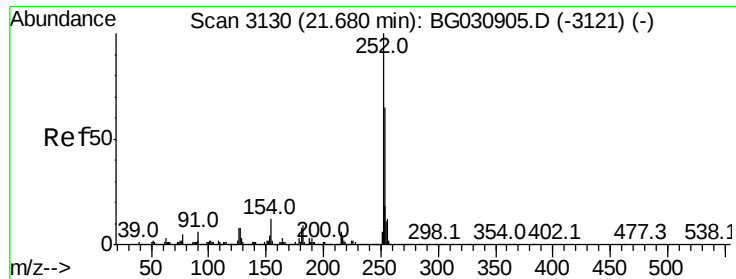
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#80
Benzo(a)anthracene
Concen: 49.734 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.9	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 14.418 ng

RT: 21.66 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Instrument :

BNA_G

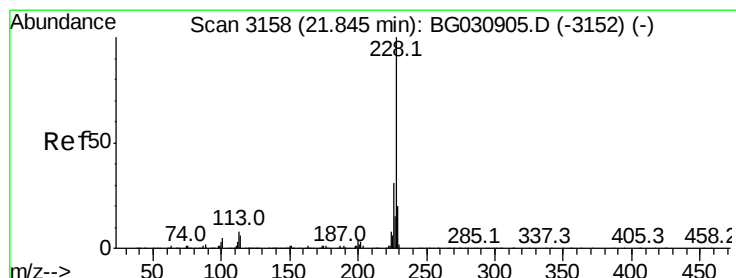
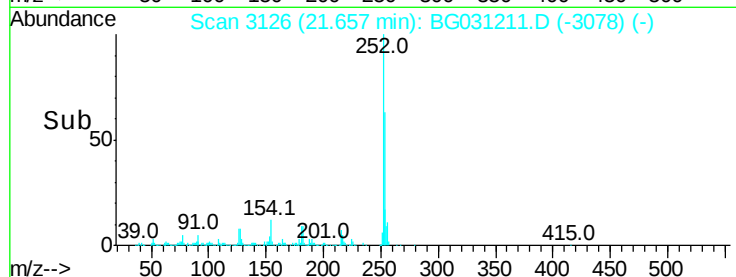
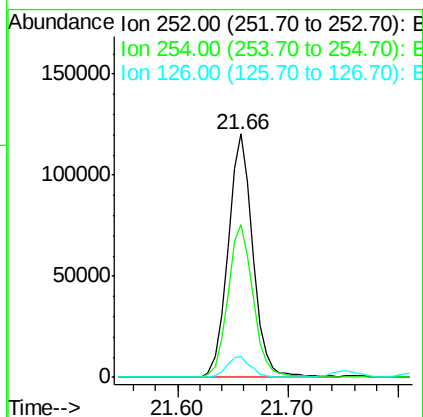
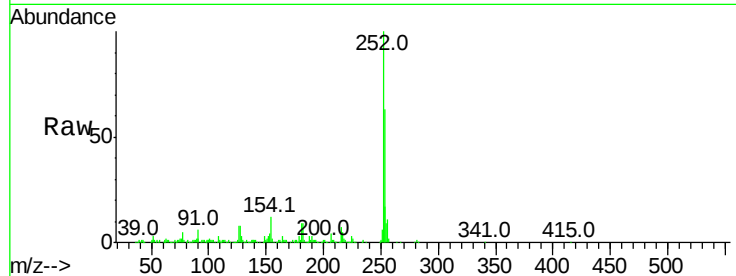
ClientSampleId :

PL-02-112017-AMSD

Tot Ion:	252	Resp:	190285
Ion Ratio		Lower	Upper
252	100		
254	62.9	50.8	76.2
126	8.4	7.4	11.2

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#82

Chrysene

Concen: 50.736 ng

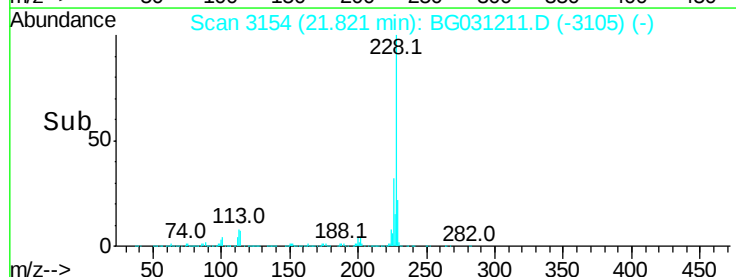
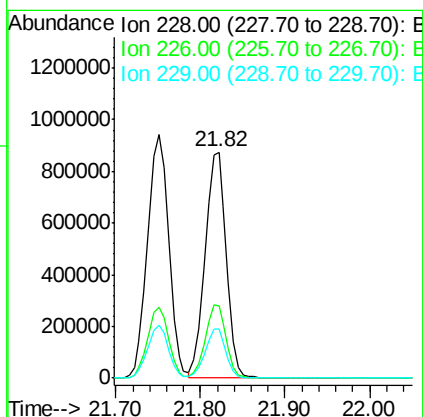
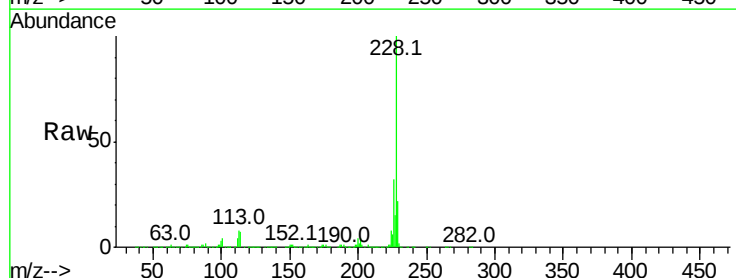
RT: 21.82 min Scan# 3154

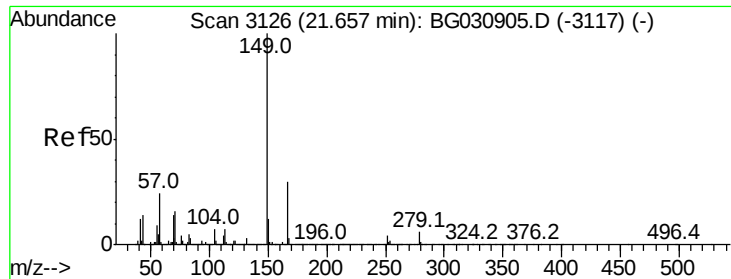
Delta R.T. -0.01 min

Lab File: BG031211.D

Acq: 23 Nov 2017 5:43

Tgt Ion:	228	Resp:	1534519
Ion Ratio		Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.7	15.0	22.4





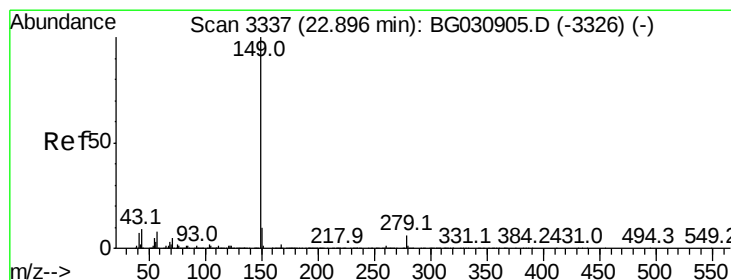
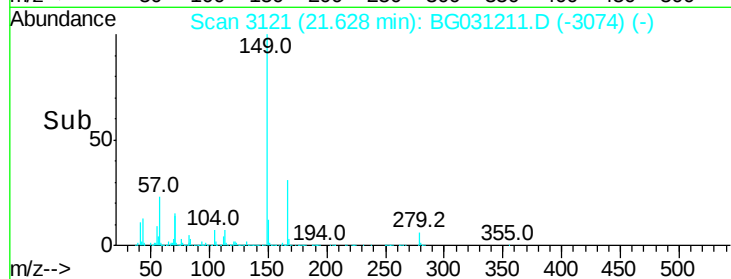
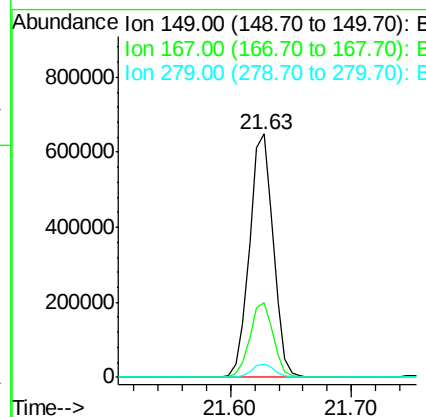
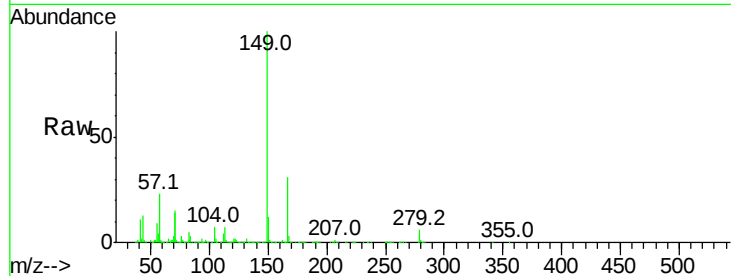
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.623 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	5.6	4.0	6.0

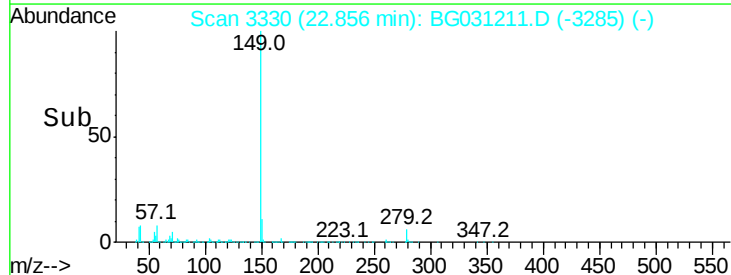
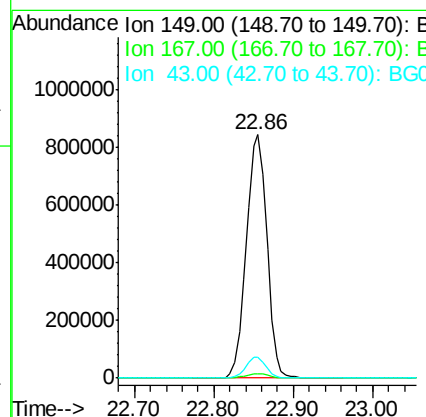
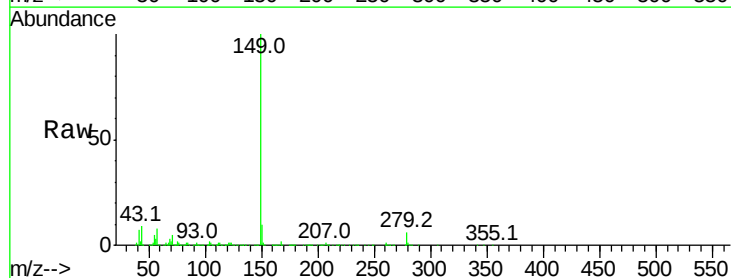
Manual Integrations
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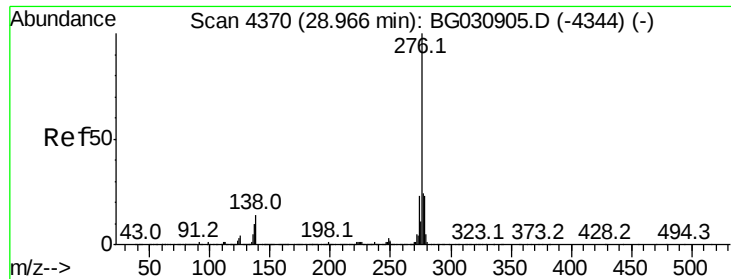
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#84
 Di-n-octyl phthalate
 Concen: 51.974 ng
 RT: 22.86 min Scan# 3330
 Delta R.T. -0.03 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.2	8.9	13.3#





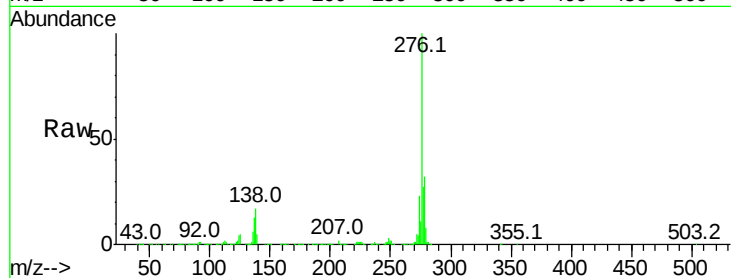
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.058 ng
RT: 28.87 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.0	24.0
277	26.3	20.0	30.0

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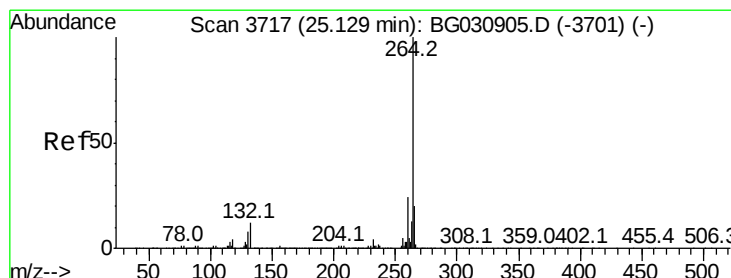
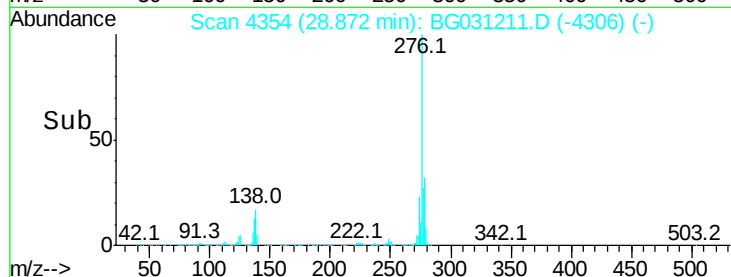
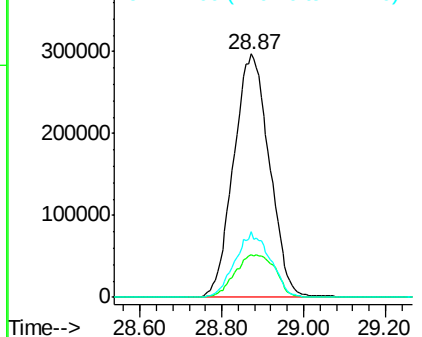


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

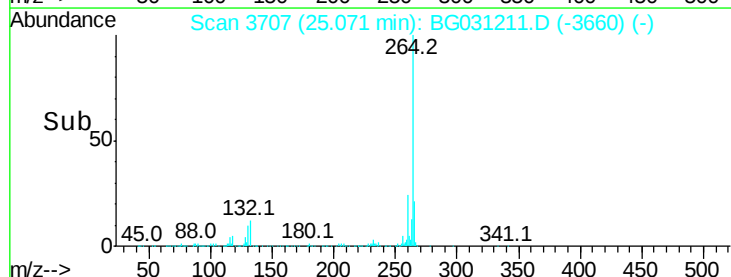
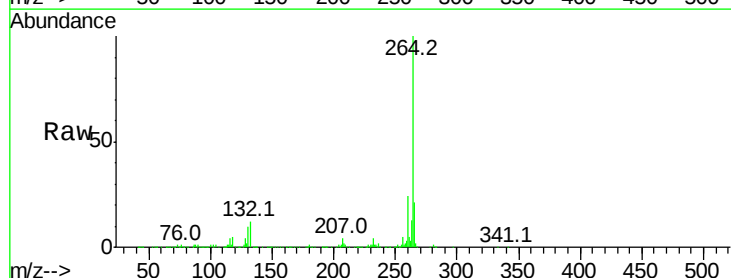
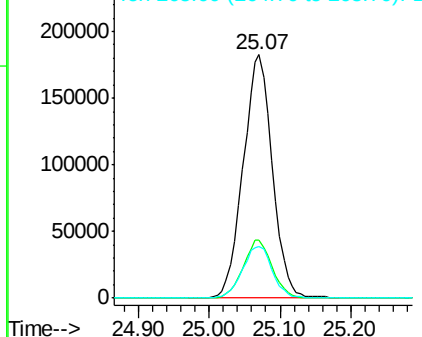
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.2	17.7	26.5

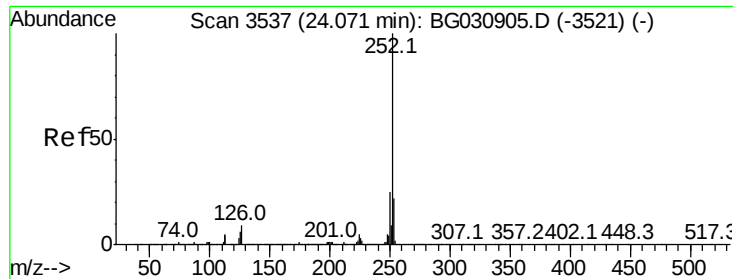
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





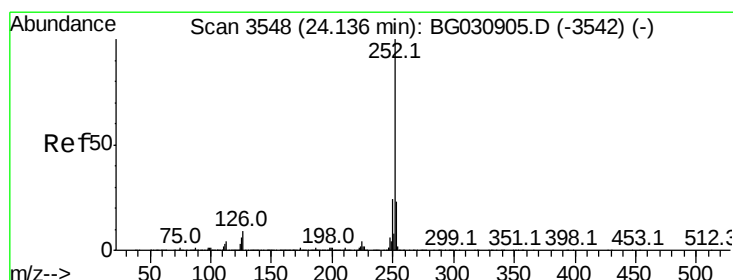
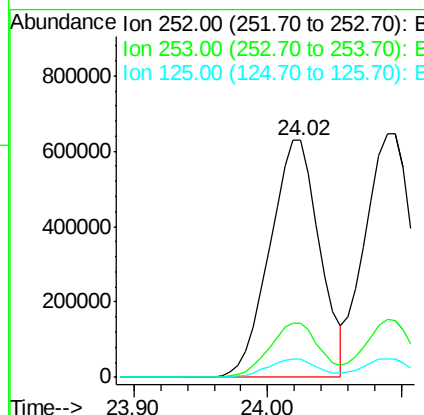
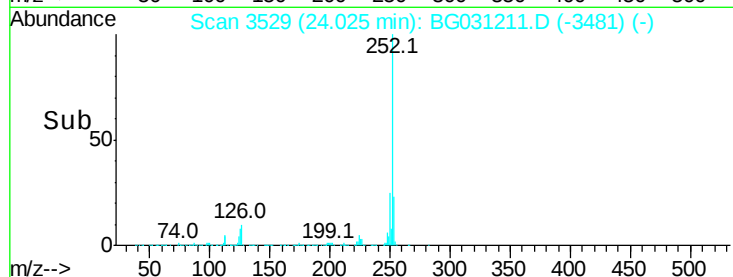
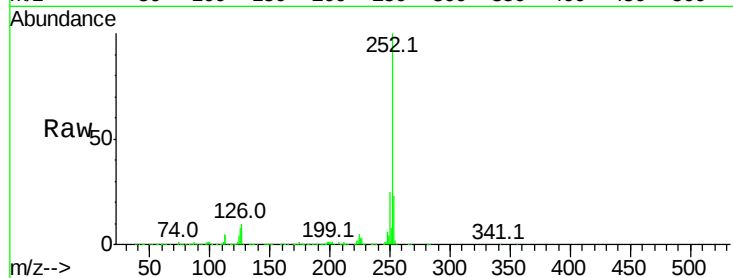
#87
Benzo(b)fluoranthene
Concen: 51.350 ng
RT: 24.02 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	7.9	7.2	10.8

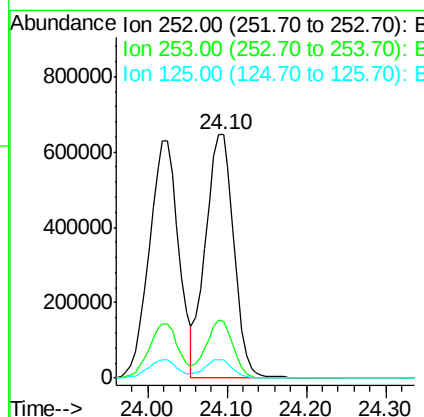
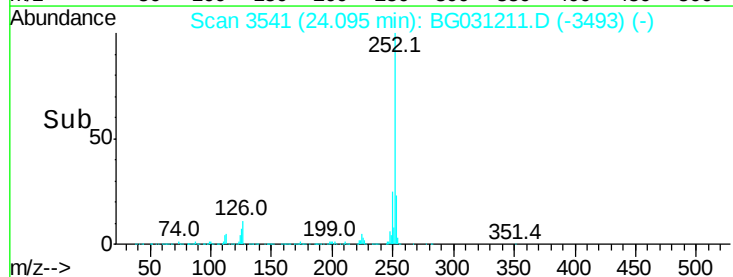
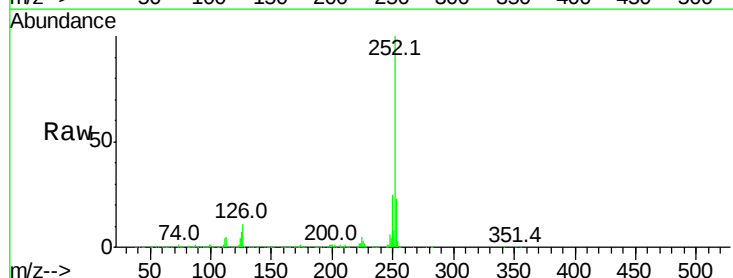
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#88
Benzo(k)fluoranthene
Concen: 50.732 ng
RT: 24.10 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	7.4	6.6	9.8





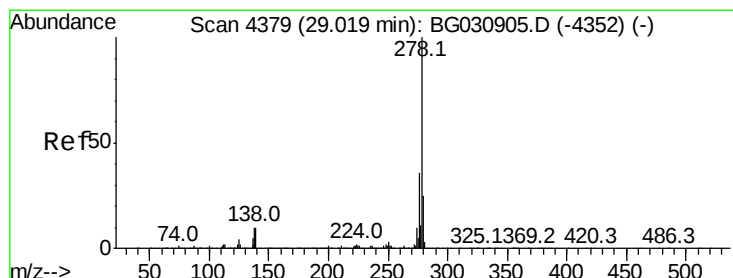
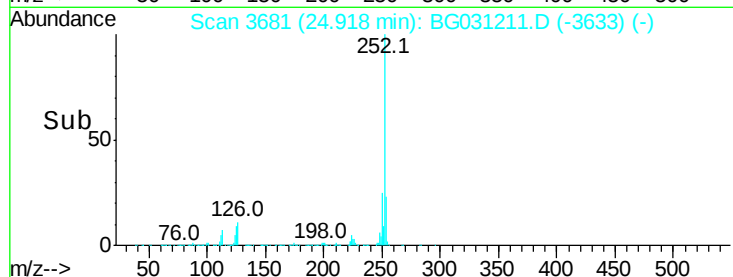
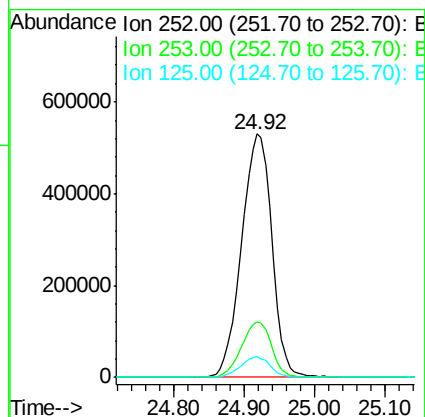
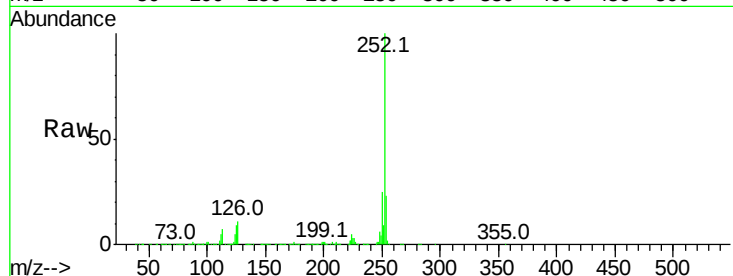
#89
Benzo(a)pyrene
Concen: 52.298 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	8.7	7.3	10.9

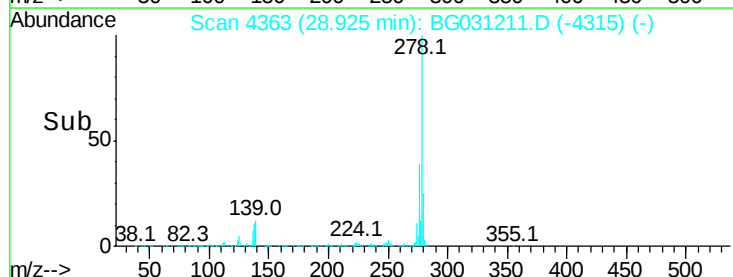
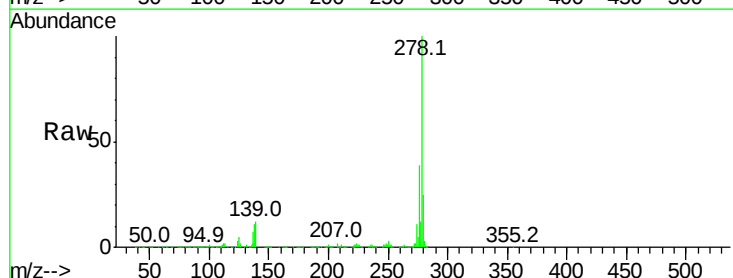
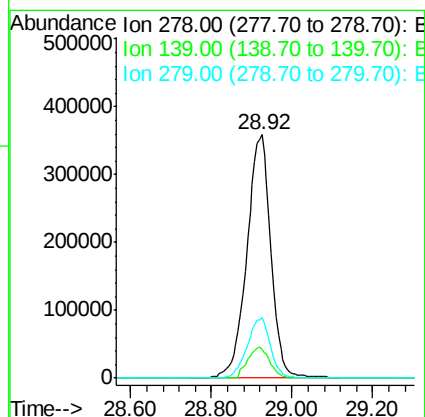
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#90
Dibenzo(a,h)anthracene
Concen: 48.183 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG031211.D
Acq: 23 Nov 2017 5:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.8	14.6
279	25.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.778 ng
 RT: 30.05 min Scan# 4554
 Delta R.T. -0.03 min
 Lab File: BG031211.D
 Acq: 23 Nov 2017 5:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	16.8	13.9	20.9

Manual Integrations
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