

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037669.D
 Acq On : 31 Oct 2018 1:47
 Operator : JU/SJ
 Sample : J5194-08MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:22 AM

Quant Time: Oct 31 09:18:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60298	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	257893	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	171143	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	404699	20.00	ng	0.00
76) Chrysene-d12	21.77	240	355016	20.00	ng	0.00
87) Perylene-d12	25.10	264	364383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	426150	118.16	ng	0.00
7) Phenol-d6	7.25	99	559226	102.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	404672	87.90	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	244671	131.08	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924439	81.45	ng	0.00
79) Terphenyl-d14	20.08	244	1356692	81.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	51936	28.395	ng	# 85
3) Pyridine	3.95	79	157711	34.211	ng	95
4) n-Nitrosodimethylamine	3.86	42	76242	46.432	ng	# 90
6) Aniline	7.42	93	134374	20.197	ng	96
8) 2-Chlorophenol	7.66	128	200263	47.464	ng	99
9) Benzaldehyde	7.24	77	81855	23.994	ng	98
10) Phenol	7.28	94	233996	40.665	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	191104	43.727	ng	95
12) 1,3-Dichlorobenzene	7.99	146	203060	43.230	ng	98
13) 1,4-Dichlorobenzene	8.13	146	208190	43.330	ng	99
14) 1,2-Dichlorobenzene	8.46	146	194946	42.179	ng	98
15) Benzyl Alcohol	8.34	79	190087	47.171	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	345041	44.124	ng	97
17) 2-Methylphenol	8.53	107	182250	47.907	ng	99
18) Hexachloroethane	9.19	117	72005	43.958	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	164732	43.864	ng	93
20) 3+4-Methylphenols	8.86	107	250739	46.100	ng	98
22) Acetophenone	8.93	105	310878	48.065	ng	# 97
24) Nitrobenzene	9.32	77	238431	49.855	ng	95
25) Isophorone	9.84	82	475244	56.498	ng	96
26) 2-Nitrophenol	10.03	139	119519	55.474	ng	96
27) 2,4-Dimethylphenol	10.07	122	218865	56.895	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	281421	51.064	ng	98
29) 2,4-Dichlorophenol	10.56	162	226765	52.945	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	213557	45.850	ng	98
31) Naphthalene	10.97	128	649282	51.258	ng	100
32) Benzoic acid	10.20	122	113282	45.339	ng	98
33) 4-Chloroaniline	11.08	127	30756	5.168	ng	97
34) Hexachlorobutadiene	11.24	225	125641	45.514	ng	98
35) Caprolactam	11.87	113	58209m	33.886	ng	
36) 4-Chloro-3-methylphenol	12.19	107	249785	51.712	ng	97
37) 2-Methylnaphthalene	12.57	142	490370	53.106	ng	100
38) 1-Methylnaphthalene	12.79	142	470492	52.467	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	255424	46.270	ng	98

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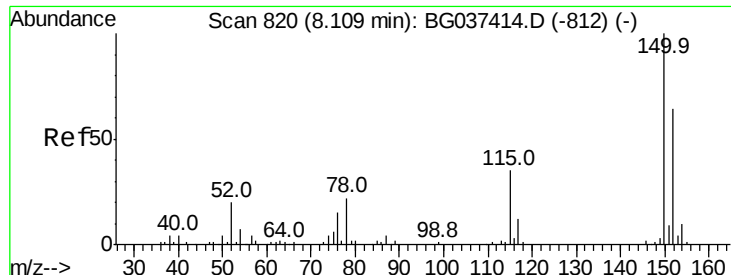
Manual Integrations
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 10/31/2018 11:54:22 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	261353	99.114	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	192087	52.084	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	206782	51.497	nq	95
46) 1,1'-Biphenyl	13.57	154	635429	44.832	nq	99
47) 2-Chloronaphthalene	13.62	162	507176	47.298	nq	99
48) 2-Nitroaniline	13.83	65	172571	53.070	nq	96
49) Acenaphthylene	14.46	152	838277	51.969	nq	99
50) Dimethylphthalate	14.19	163	667397	50.408	nq	99
51) 2,6-Dinitrotoluene	14.32	165	154755	52.837	nq	96
52) Acenaphthene	14.80	154	486638	48.987	nq	98
53) 3-Nitroaniline	14.64	138	85168	26.193	nq	96
54) 2,4-Dinitrophenol	14.85	184	64310	59.665	nq	96
55) Dibenzofuran	15.13	168	794278	48.258	nq	99
56) 4-Nitrophenol	14.94	139	287440	119.429	nq	99
57) 2,4-Dinitrotoluene	15.10	165	211926	55.121	nq	97
58) Fluorene	15.78	166	632846	51.345	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	181276	52.727	nq	99
60) Diethylphthalate	15.54	149	675090	49.665	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	334839	46.609	nq	98
62) 4-Nitroaniline	15.81	138	155477	48.121	nq	90
63) Azobenzene	16.06	77	641463	49.461	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	77199	38.416	nq	97
66) n-Nitrosodiphenylamine	15.98	169	576914	47.391	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	212157	47.737	nq	99
68) Hexachlorobenzene	16.77	284	212065	46.040	nq	99
69) Atrazine	16.93	200	217165	49.341	nq	99
70) Pentachlorophenol	17.12	266	224308	72.702	nq	97
71) Phenanthrene	17.52	178	1033758	50.260	nq	98
72) Anthracene	17.62	178	1046577	51.850	nq	98
73) Carbazole	17.89	167	948978	47.001	nq	99
74) Di-n-butylphthalate	18.42	149	1121056	49.913	nq	99
75) Fluoranthene	19.53	202	1173087	50.287	nq	98
77) Benzidine	19.72	184	105377	8.729	nq	99
78) Pyrene	19.89	202	1164310	50.169	nq	100
80) Butylbenzylphthalate	20.76	149	510986	53.799	nq	99
81) Benzo(a)anthracene	21.75	228	1097627	52.271	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	195835	24.060	nq	98
83) Chrysene	21.82	228	1026605	50.842	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	714925	53.699	nq	98
85) Di-n-octyl phthalate	22.86	149	1202967	55.411	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	1053898	48.663	nq	98
88) Benzo(b)fluoranthene	24.03	252	1082246	54.175	nq	98
89) Benzo(k)fluoranthene	24.10	252	1042047	53.242	nq	97
90) Benzo(a)pyrene	24.94	252	1042799	54.934	nq	98
91) Dibenzo(a,h)anthracene	28.99	278	875312	49.989	nq	98
92) Benzo(g,h,i)perylene	30.14	276	841615	47.509	nq	99

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



#1

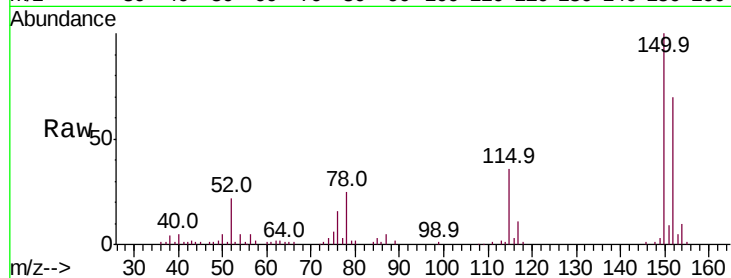
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.2	126.0	189.0
115	52.0	45.5	68.3

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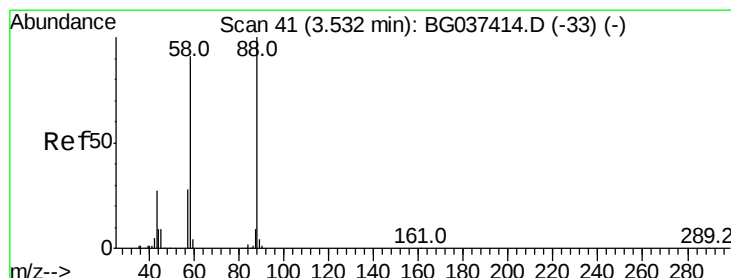
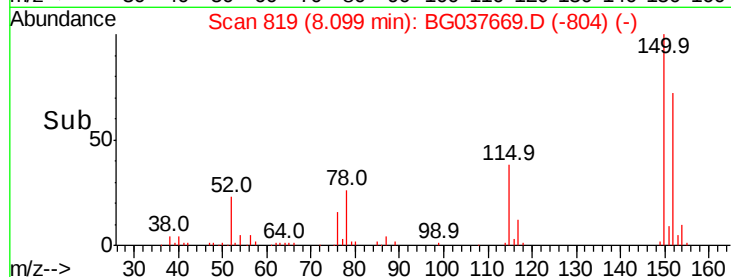
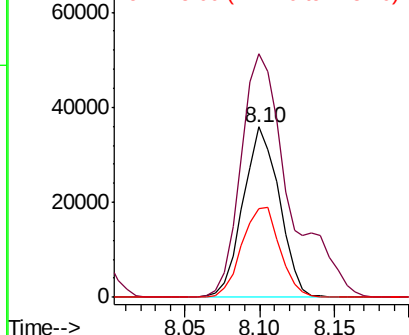


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

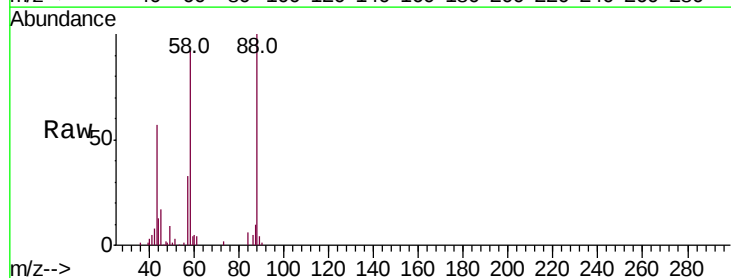
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.395 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.6	74.4	111.6
43	60.8	25.8	38.8#

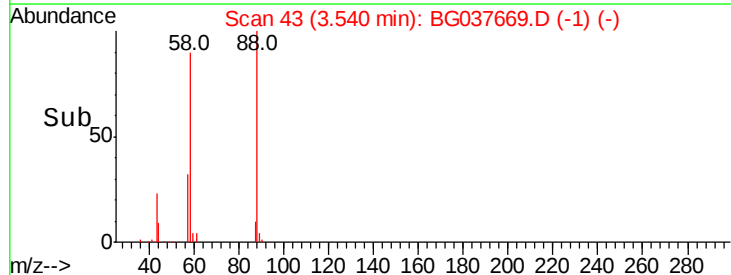
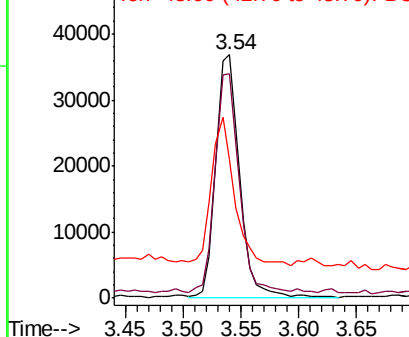


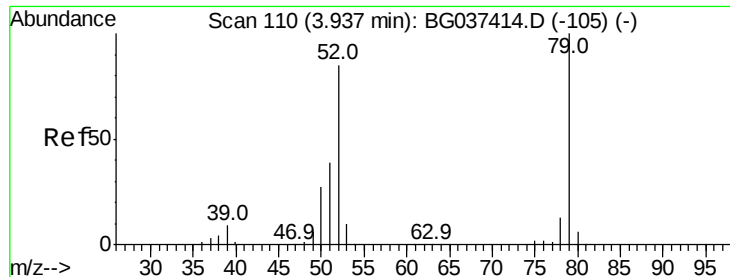
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





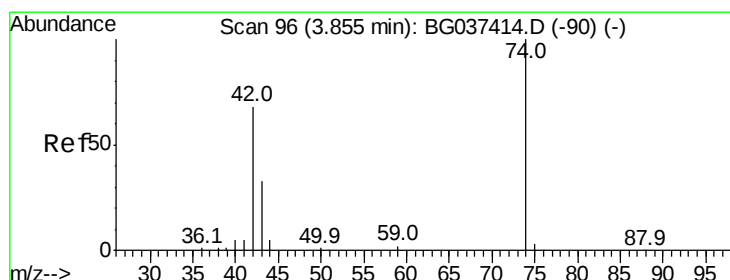
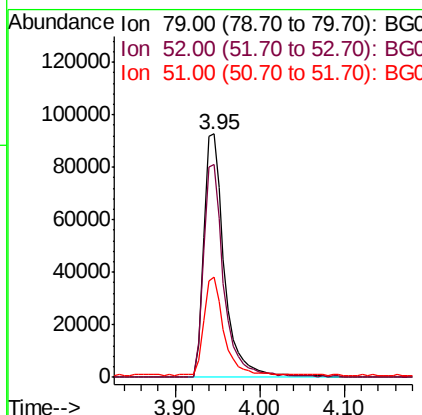
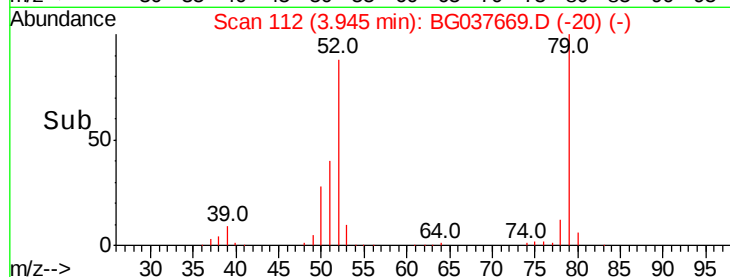
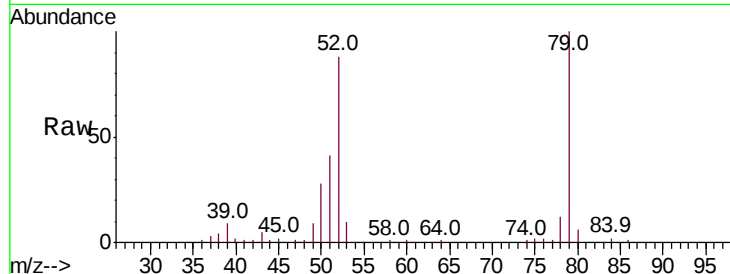
#3
 Pvridine
 Concen: 34.211 ng
 RT: 3.95 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tot Ion: 79 Resp: 157711
 Ion Ratio Lower Upper
 79 100
 52 87.7 74.2 111.2
 51 41.0 34.6 51.8

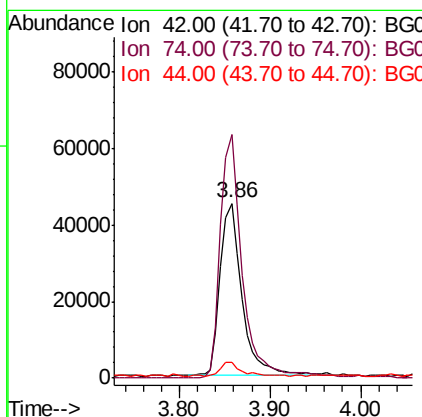
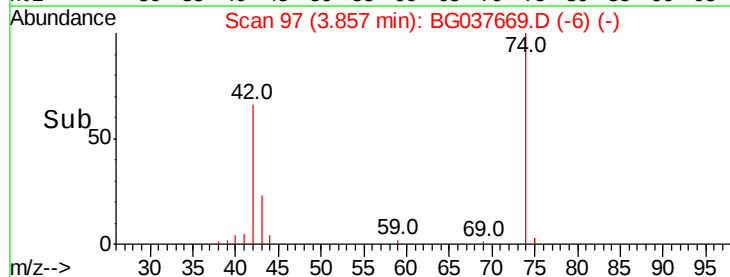
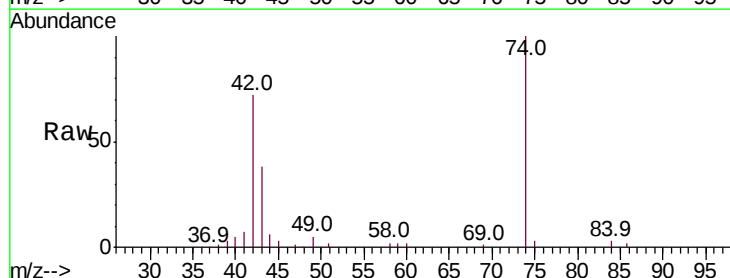
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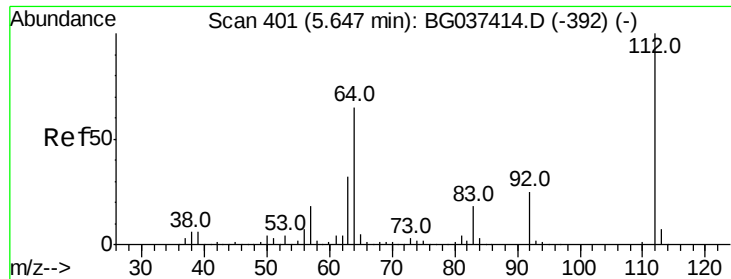
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#4
 n-Nitrosodimethylamine
 Concen: 46.432 ng
 RT: 3.86 min Scan# 97
 Delta R.T. 0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion: 42 Resp: 76242
 Ion Ratio Lower Upper
 42 100
 74 139.3 102.0 153.0
 44 8.8 9.6 14.4#





#5

2-Fluorophenol

Concen: 118.157 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

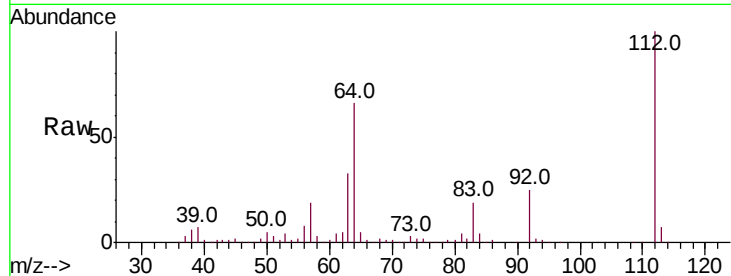
ClientSampleId :

HR-05-102618-AMSD

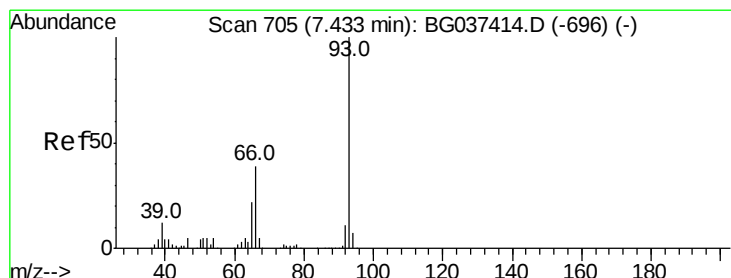
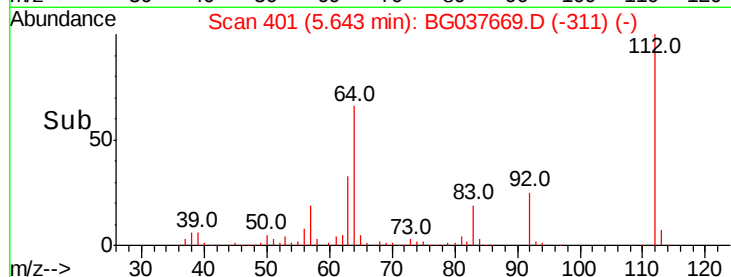
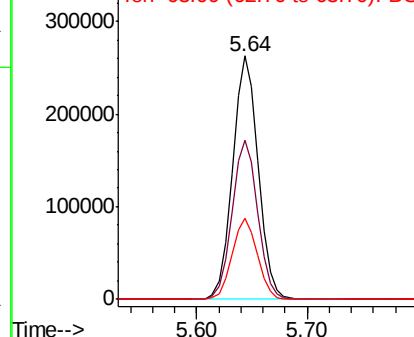
Tot Ion:	112	Resp:	426150
Ion Ratio	Lower	Upper	
112	100		
64	65.5	53.1	79.7
63	33.2	27.3	40.9

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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: 20.197 ng

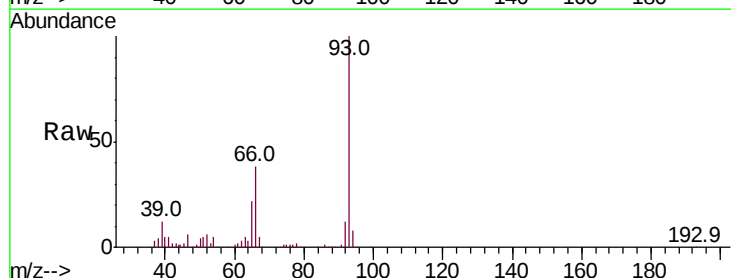
RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

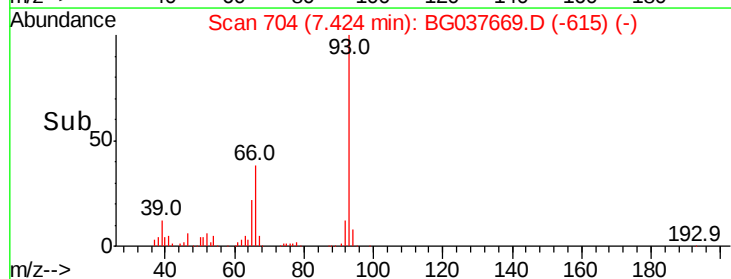
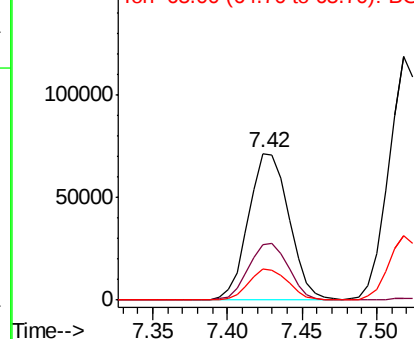
Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:	93	Resp:	134374
Ion Ratio	Lower	Upper	
93	100		
66	37.6	32.8	49.2
65	21.6	16.4	24.6



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: 102.540 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

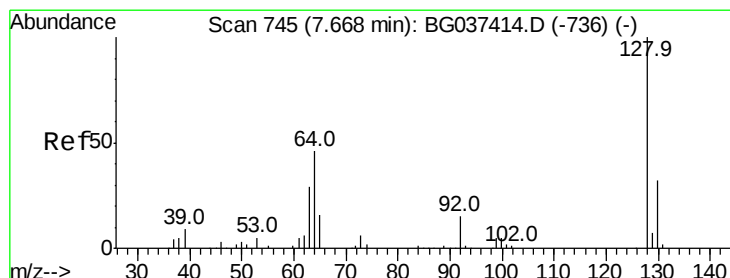
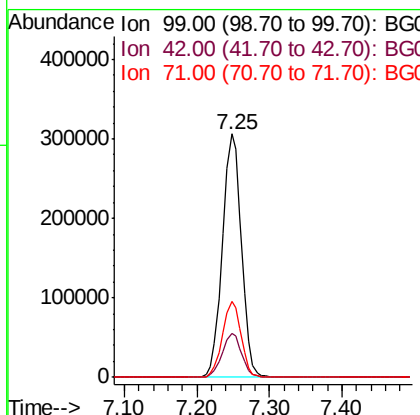
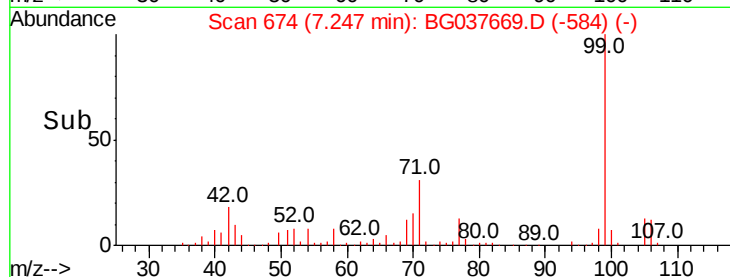
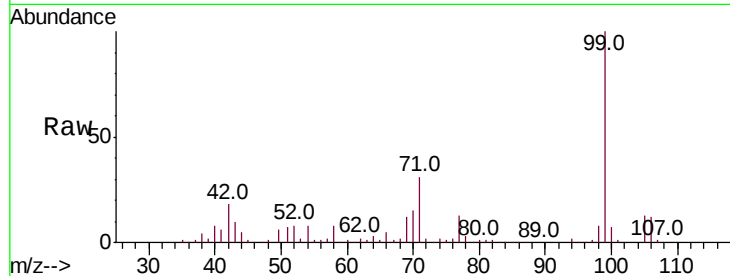
ClientSampleId :

HR-05-102618-AMSD

Tot Ion:	99	Resp:	559226
Ion Ratio	Lower	Upper	
99	100		
42	17.8	15.0	22.4
71	31.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 47.464 ng

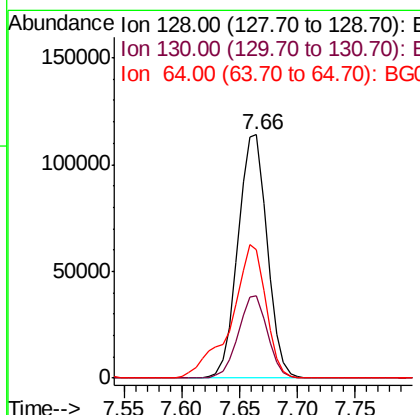
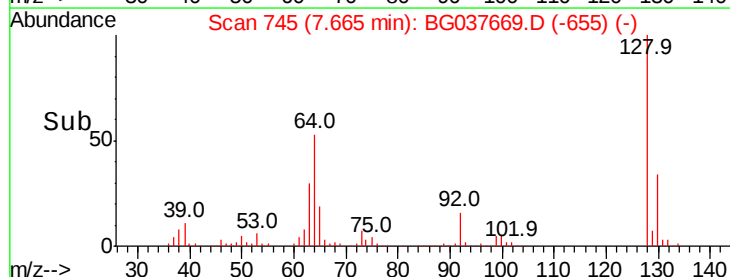
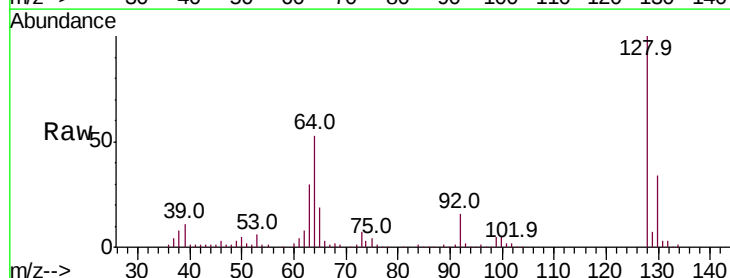
RT: 7.66 min Scan# 745

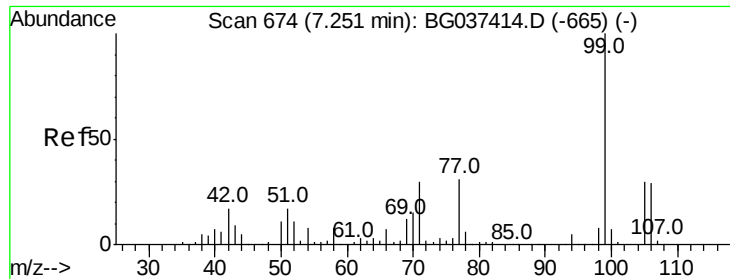
Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:	128	Resp:	200263
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.0	52.0
64	52.8	32.9	72.9





#9

Benzaldehyd

Concen: 23.994 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

Tot Ion: 77 Resp: 81855

Ion Ratio Lower Upper

77 100

105 93.7 72.6 112.6

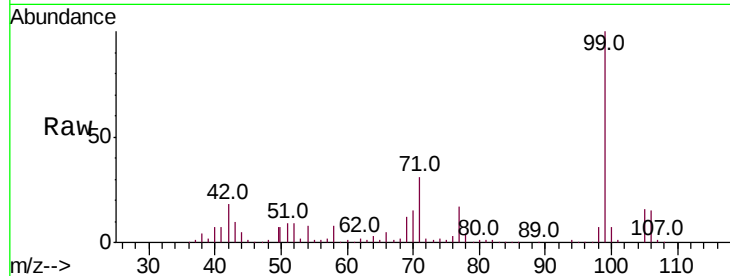
106 89.2 71.3 111.3

Manual Integrations

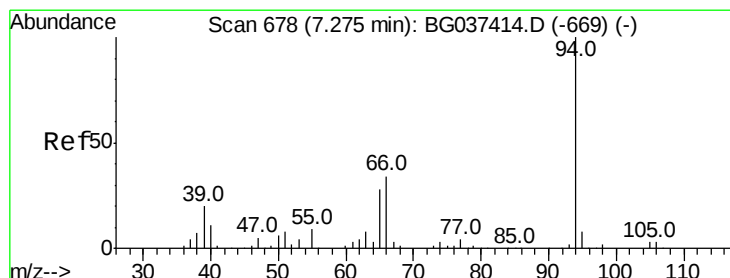
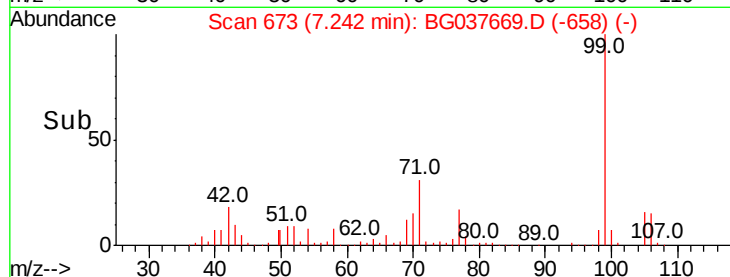
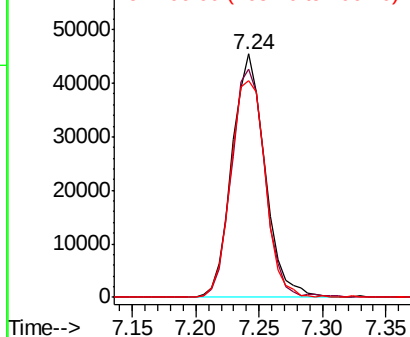
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.665 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

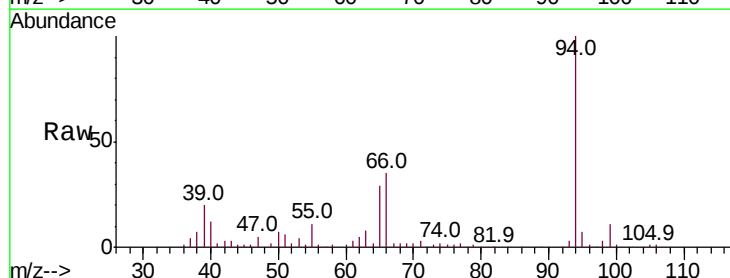
Tgt Ion: 94 Resp: 233996

Ion Ratio Lower Upper

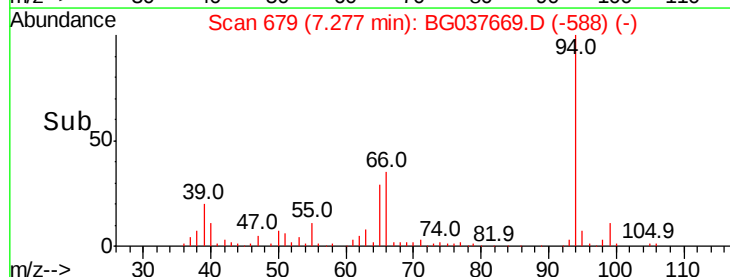
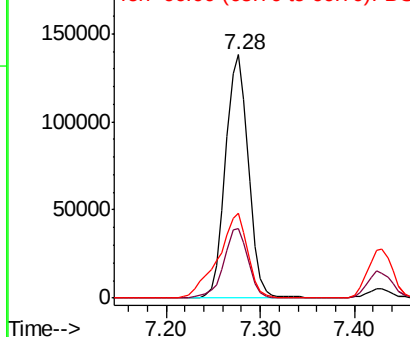
94 100

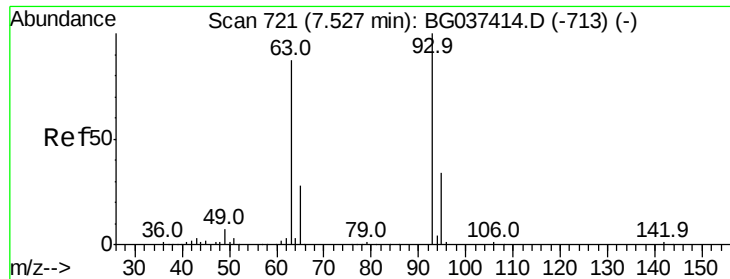
65 28.8 9.7 49.7

66 35.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





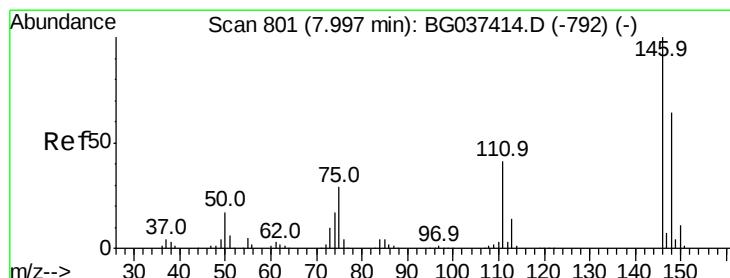
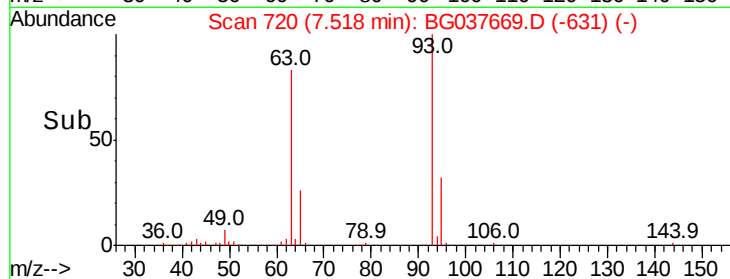
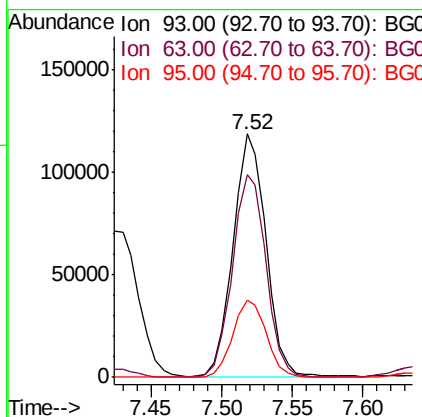
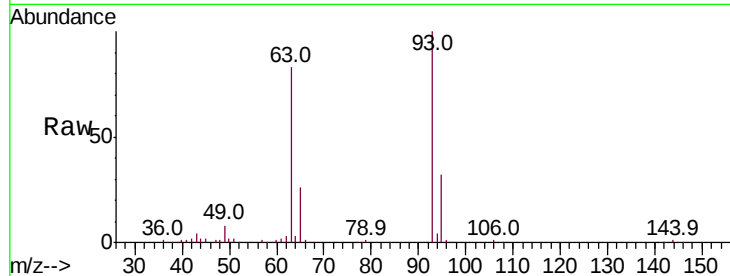
#11
bis(2-Chloroethyl)ether
Concen: 43.727 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.4	69.5	109.5
95	31.9	12.6	52.6

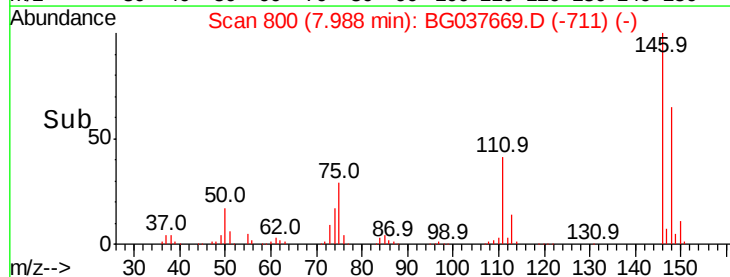
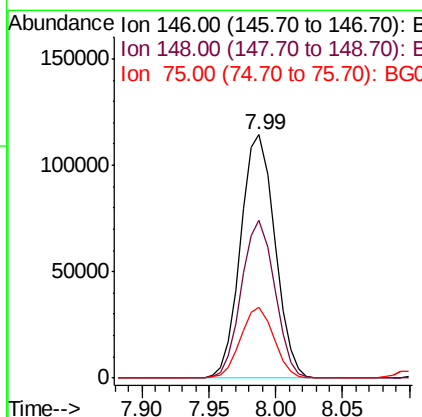
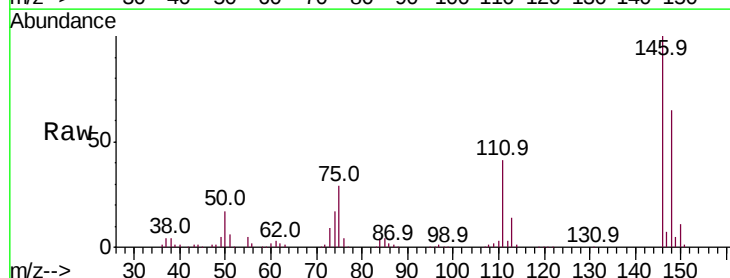
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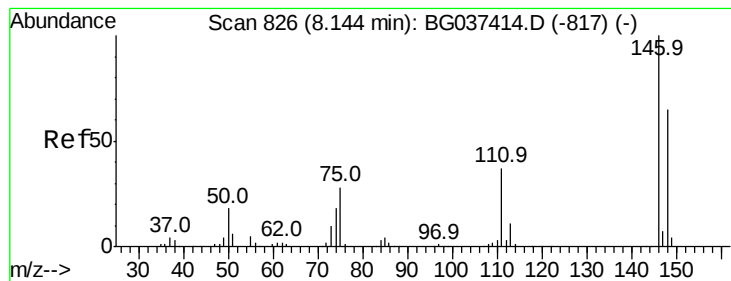
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.230 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.8	74.8
75	29.3	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 43.330 ng

RT: 8.13 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

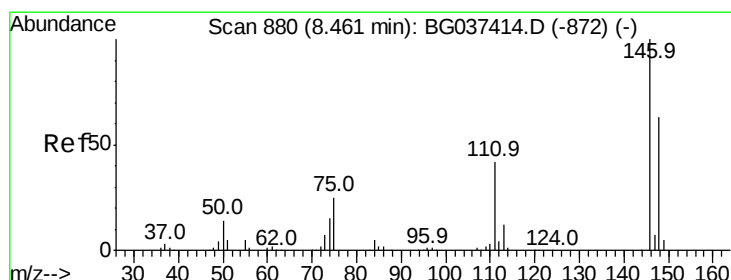
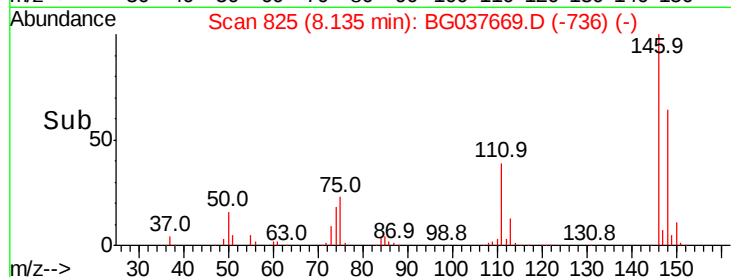
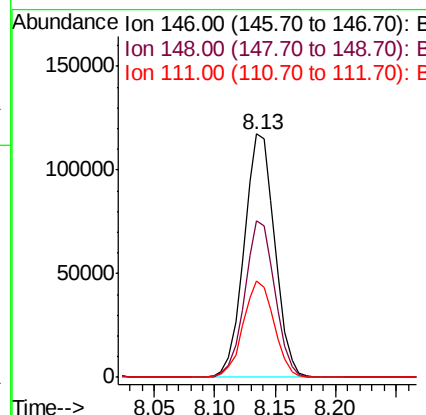
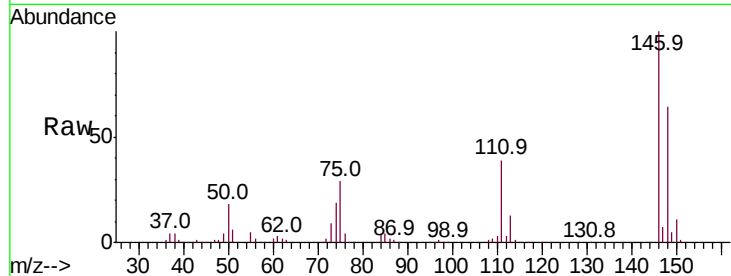
ClientSampleId :

HR-05-102618-AMSD

Tot Ion:	146	Resp:	208190
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.0	76.6
111	39.5	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 42.179 ng

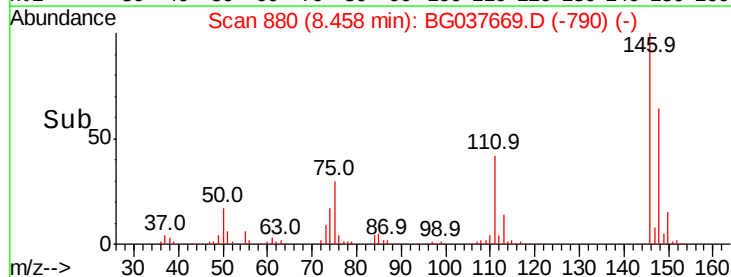
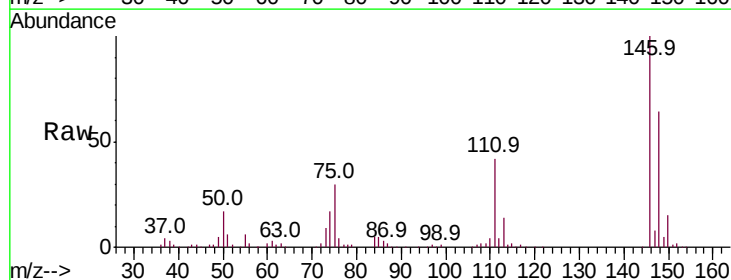
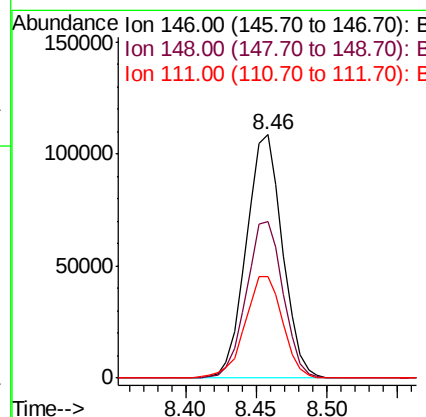
RT: 8.46 min Scan# 880

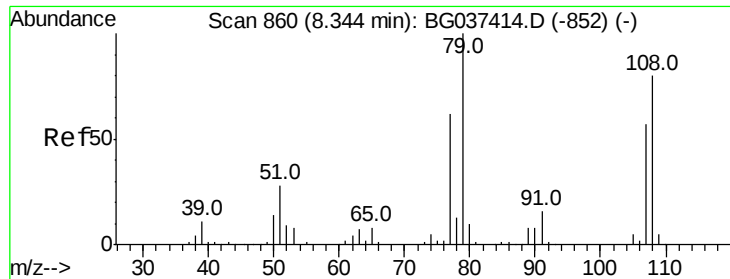
Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:	146	Resp:	194946
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
111	42.0	34.6	51.8





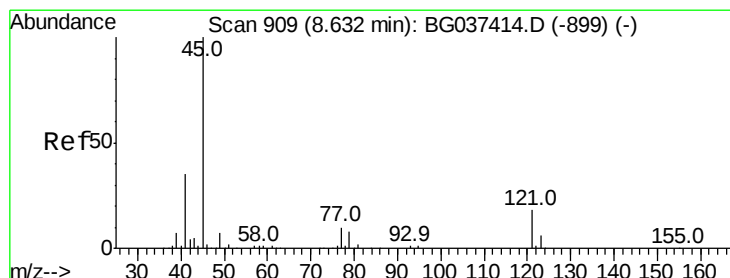
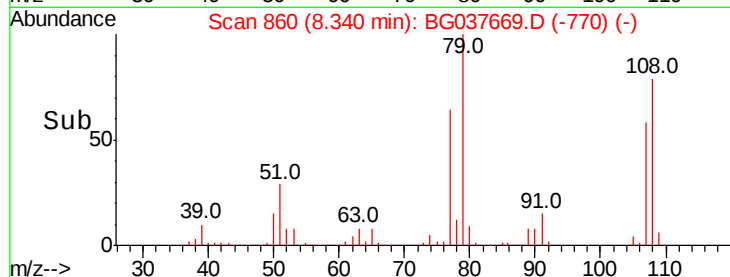
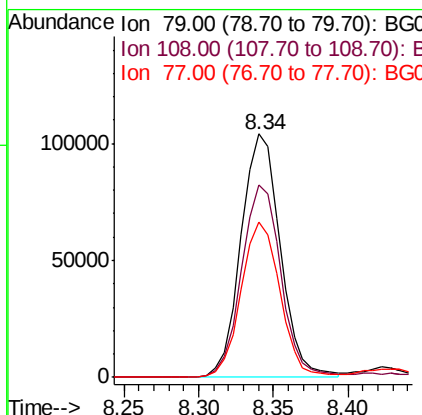
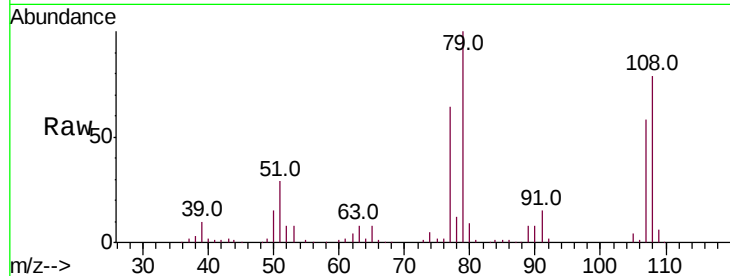
#15
Benzyl Alcohol
Concen: 47.171 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion:	79	Resp:	190087
Ion Ratio	Lower	Upper	
79	100		
108	79.1	65.8	98.8
77	64.0	52.9	79.3

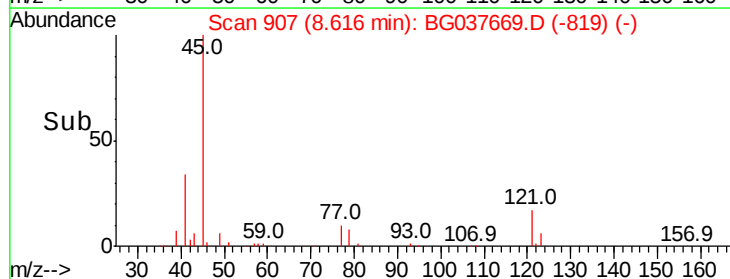
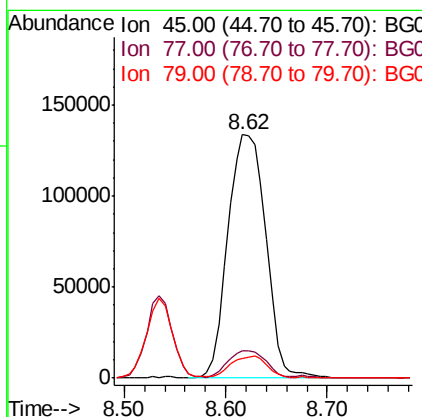
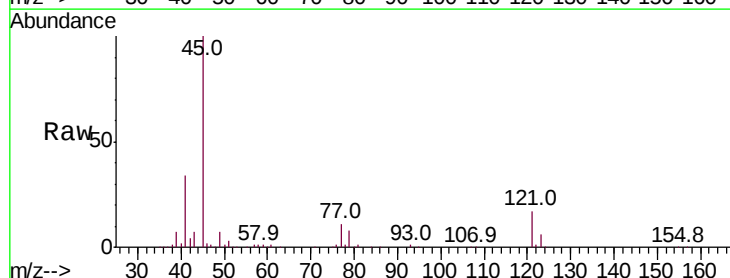
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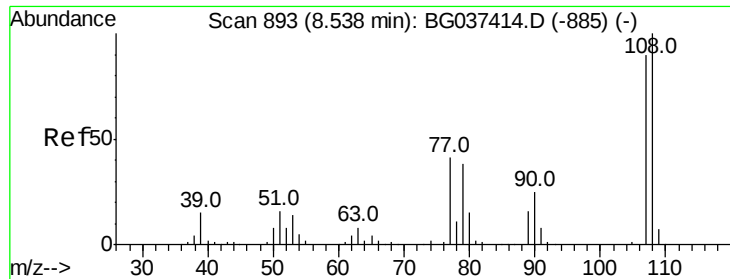
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.124 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.02 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:	45	Resp:	345041
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.0
79	8.3	0.0	29.0





#17

2-Methylphenol

Concen: 47.907 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

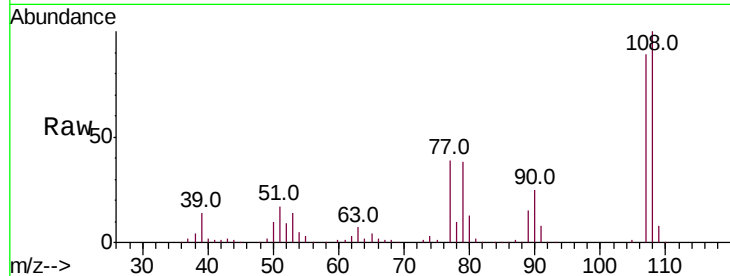
ClientSampleId :

HR-05-102618-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	87.9	131.9	
77	44.2	35.1	52.7	
79	42.6	34.5	51.7	

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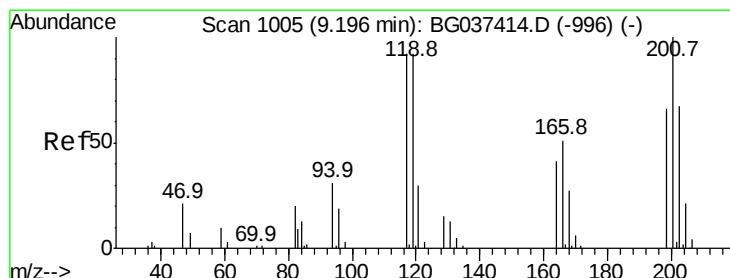
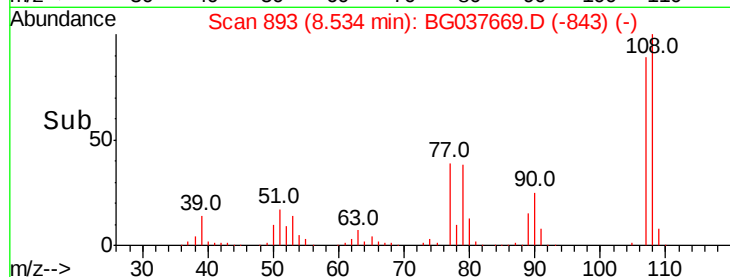
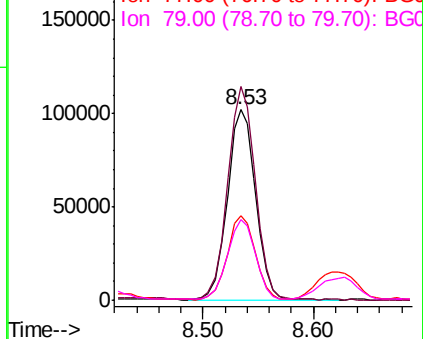
Abundance

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: 43.958 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

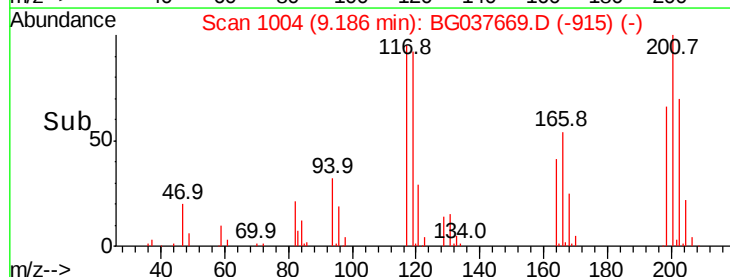
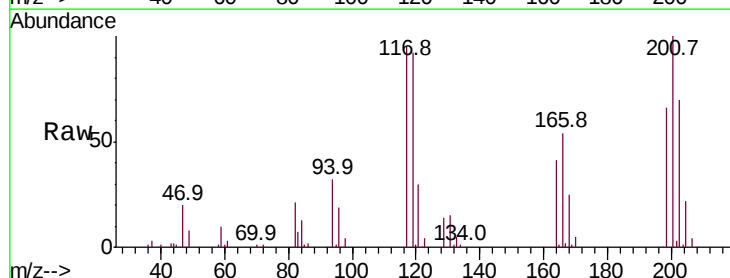
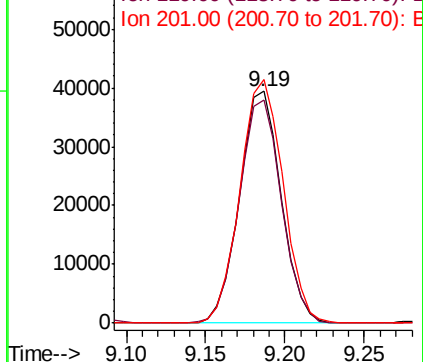
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	74.6	111.8	
201	108.0	80.8	121.2	

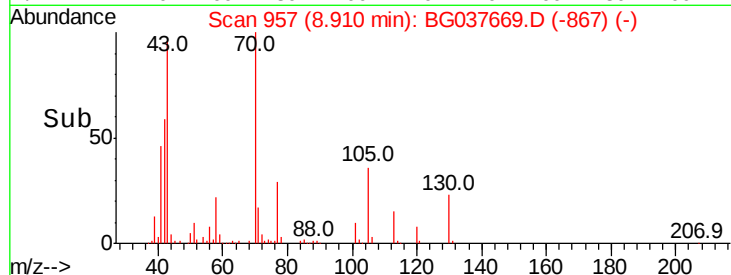
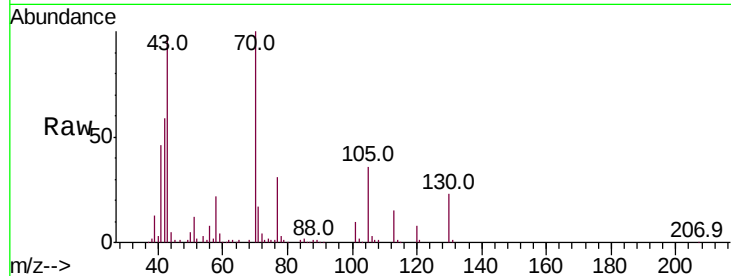
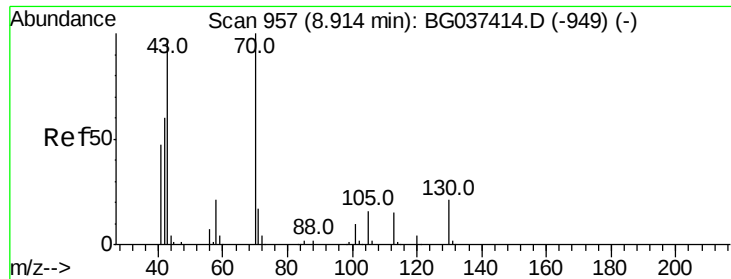
Abundance

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





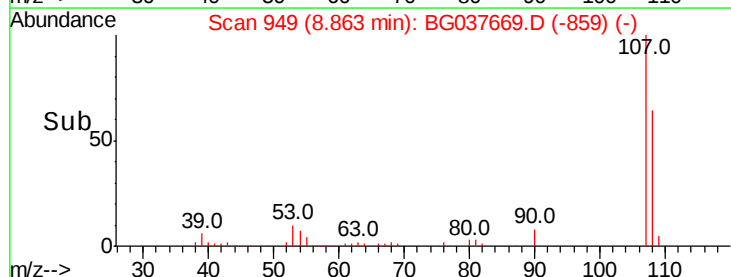
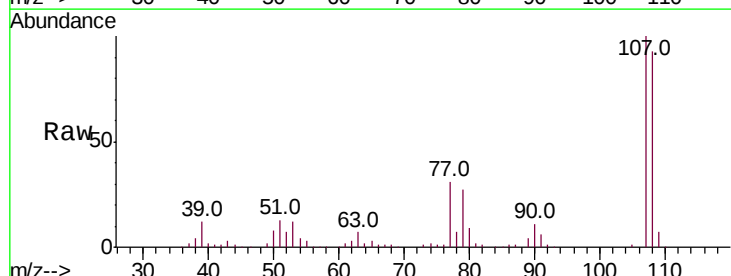
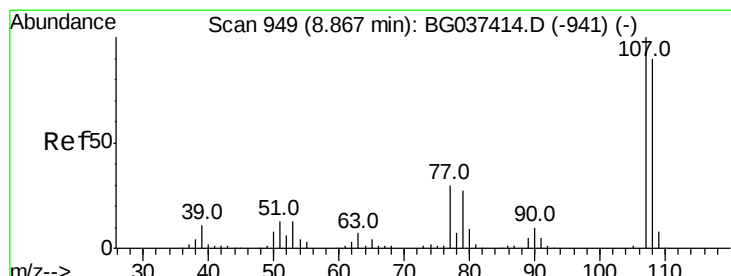
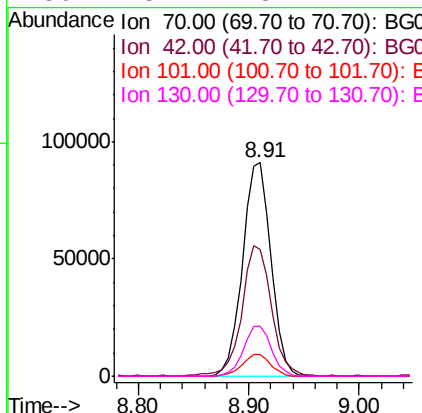
#19
n-Nitroso-di-n-propylamine
Concen: 43.864 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		164732		
42	59.2	53.9	80.9		
101	10.2	8.2	12.2		
130	23.2	18.2	27.4		

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

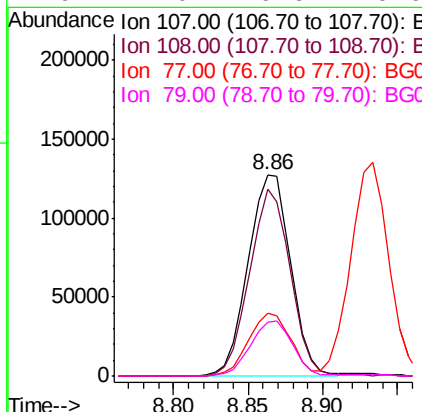
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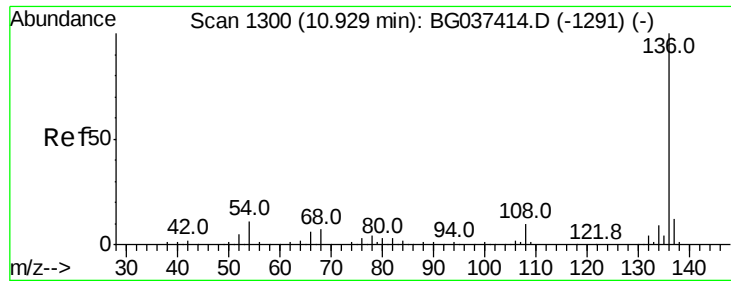
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#20
3+4-Methylphenols
Concen: 46.100 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		250739		
108	92.8	69.9	109.9		
77	31.5	11.2	51.2		
79	27.0	6.6	46.6		





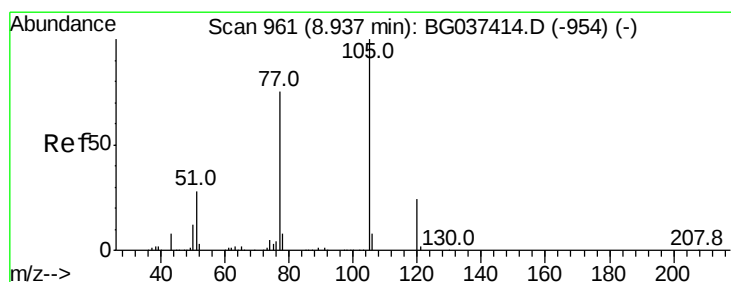
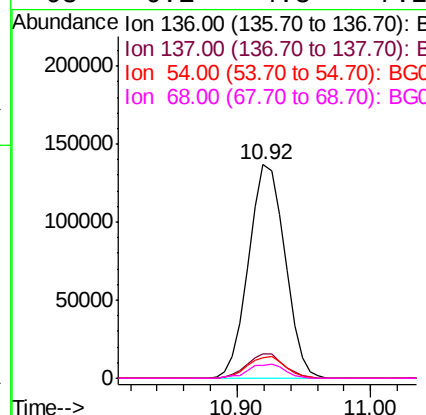
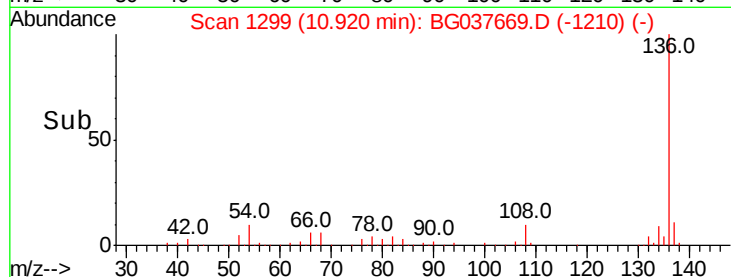
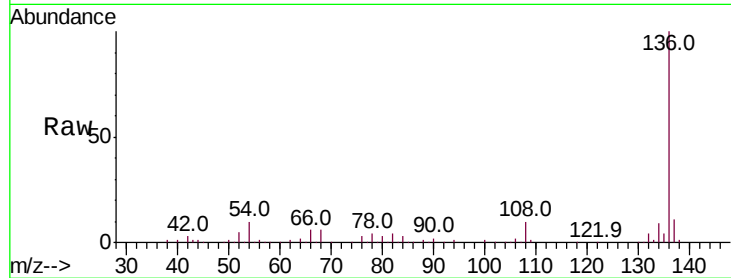
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	257893		
137	11.2		9.6	14.4
54	9.8		7.9	11.9
68	6.1		4.8	7.2

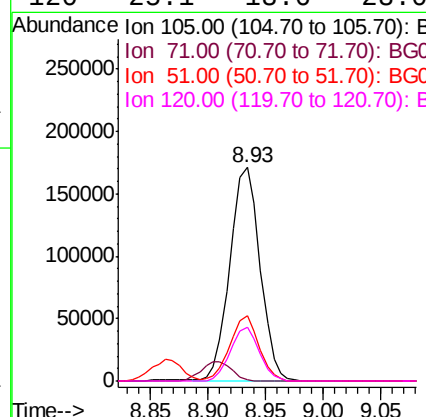
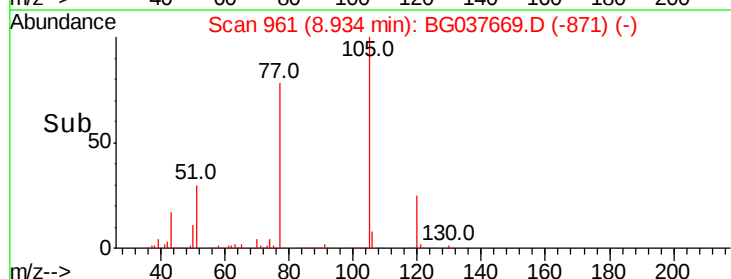
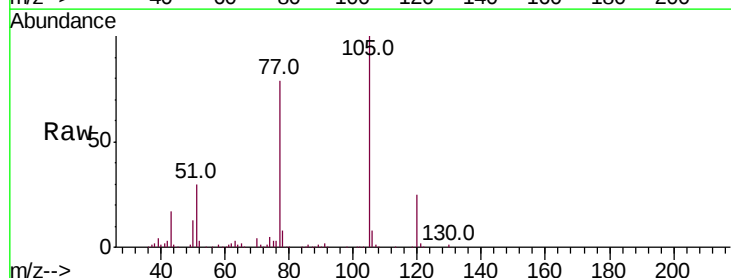
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#22
Acetophenone
Concen: 48.065 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	310878		
71	0.7		1.2	1.8#
51	30.3		25.0	37.6
120	25.1		18.6	28.0





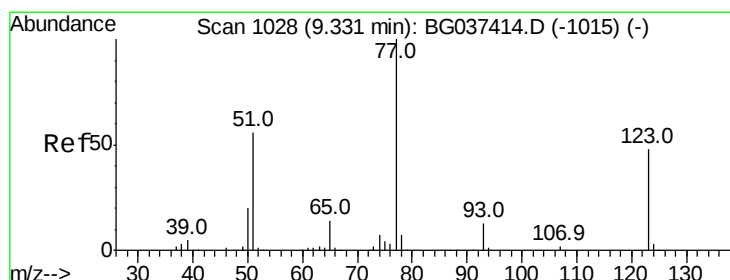
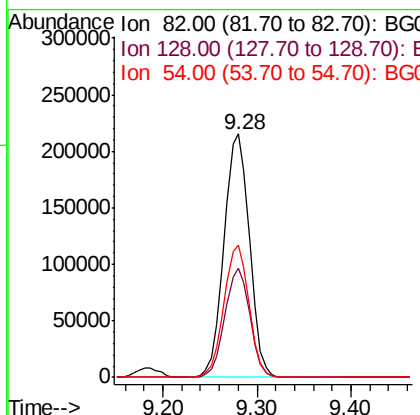
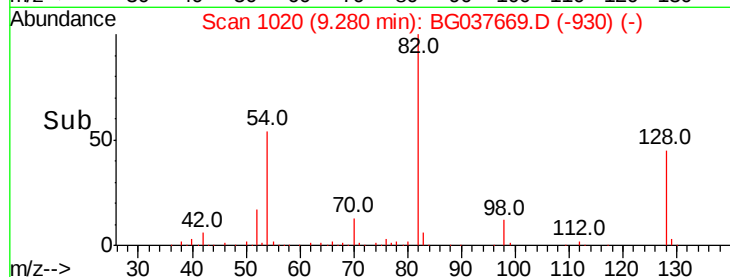
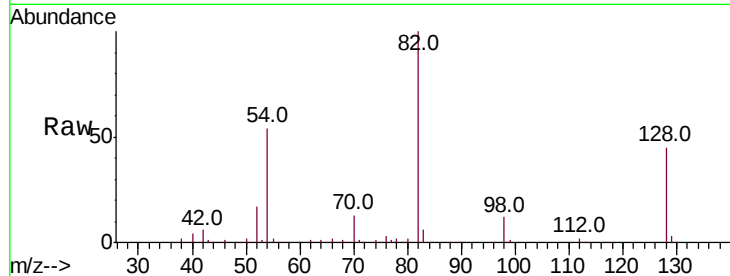
#23
Nitrobenzene-d5
Concen: 87.902 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	54.2	45.3	67.9

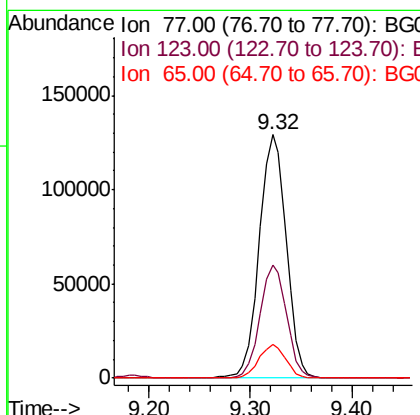
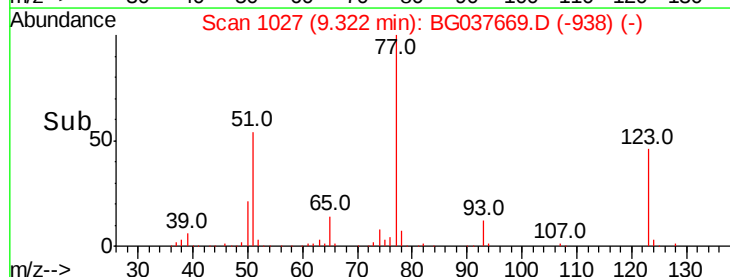
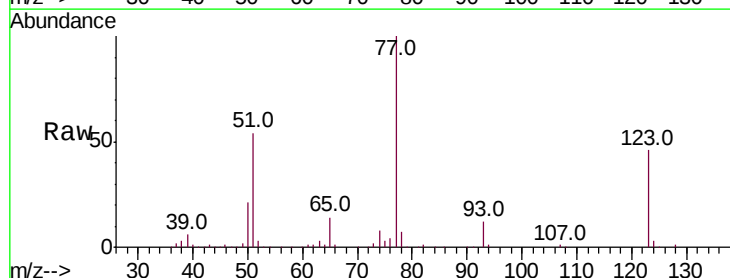
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#24
Nitrobenzene
Concen: 49.855 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	33.6	50.4
65	13.9	11.3	16.9





#25

Isophorone

Concen: 56.498 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

Tot Ion: 82 Resp: 475244

Ion Ratio Lower Upper

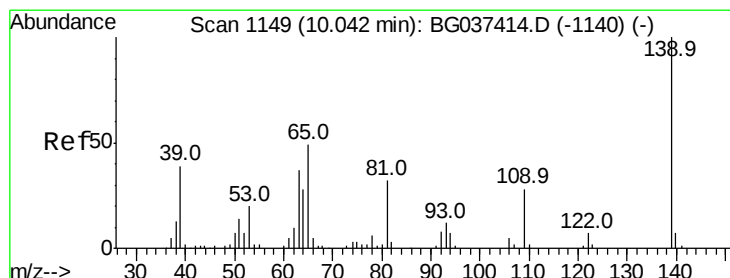
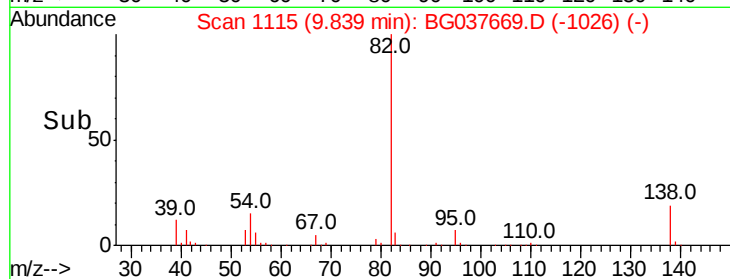
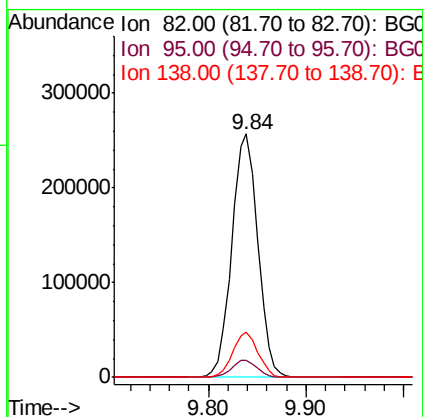
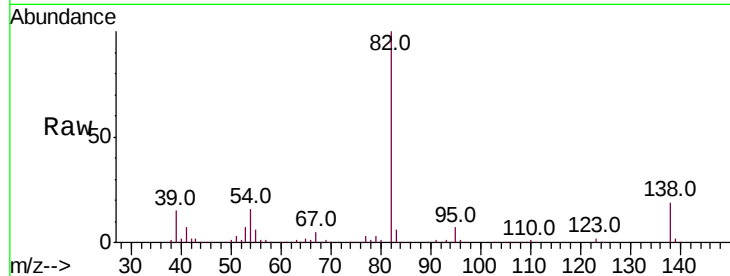
82 100

95 7.0 5.3 7.9

138 18.6 13.3 19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.474 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

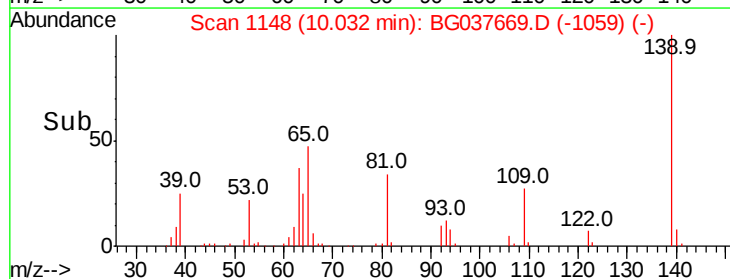
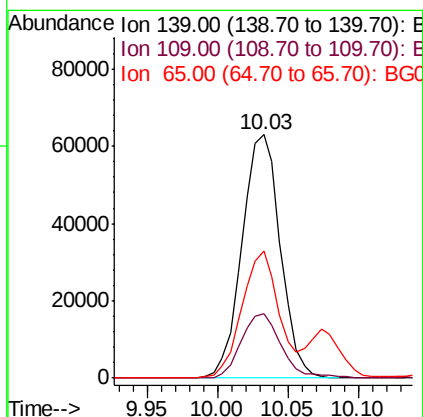
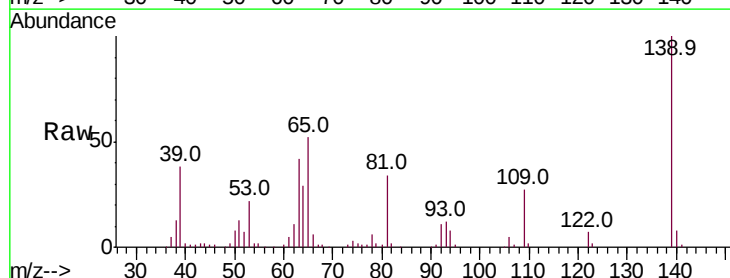
Tgt Ion: 139 Resp: 119519

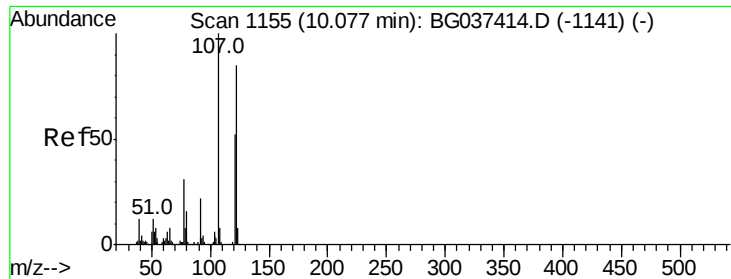
Ion Ratio Lower Upper

139 100

109 26.6 23.3 34.9

65 52.0 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 56.895 ng

RT: 10.07 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG037669.D

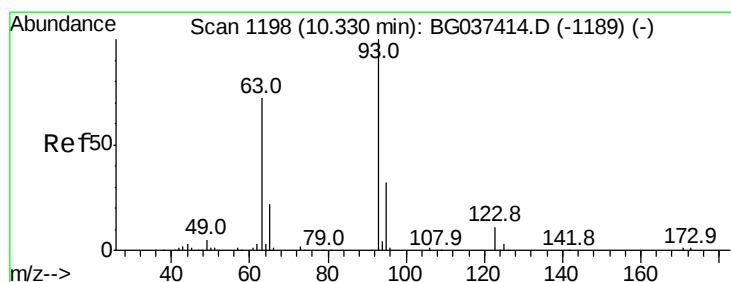
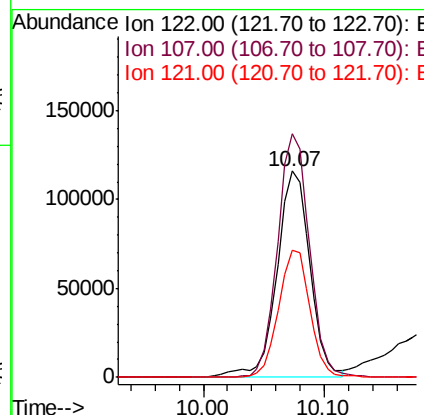
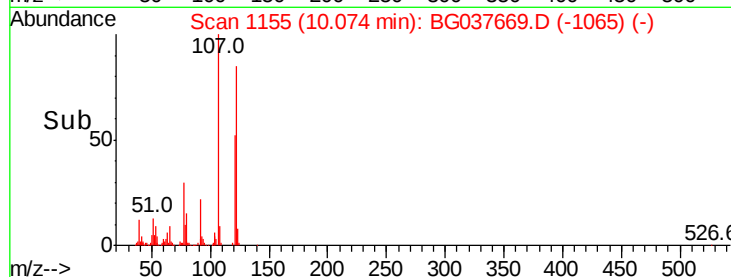
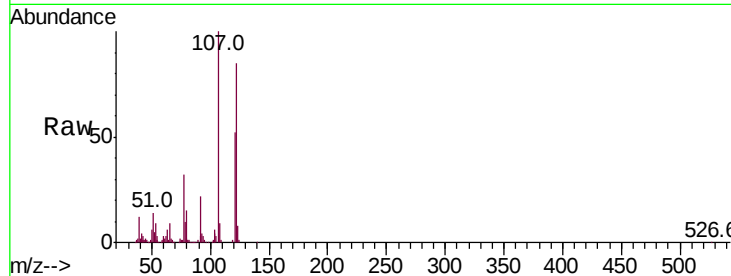
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	218865		
107	118.1	94.2	141.2	
121	61.5	47.3	70.9	

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#28

bis(2-Chloroethoxy)methane

Concen: 51.064 ng

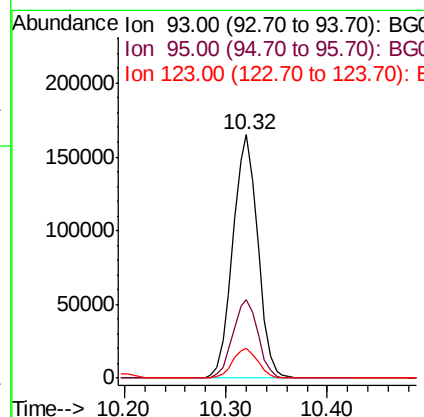
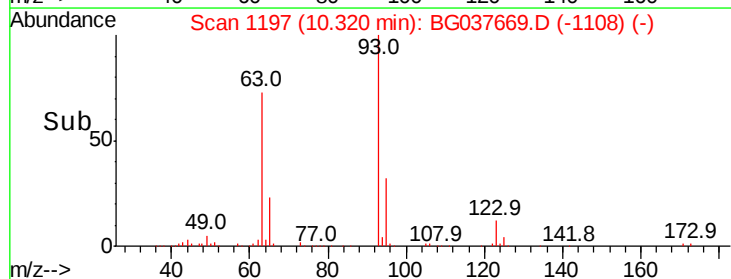
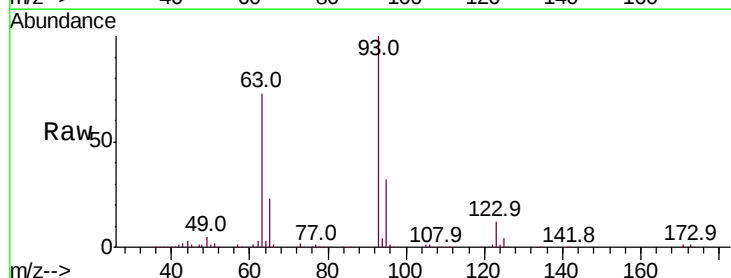
RT: 10.32 min Scan# 1197

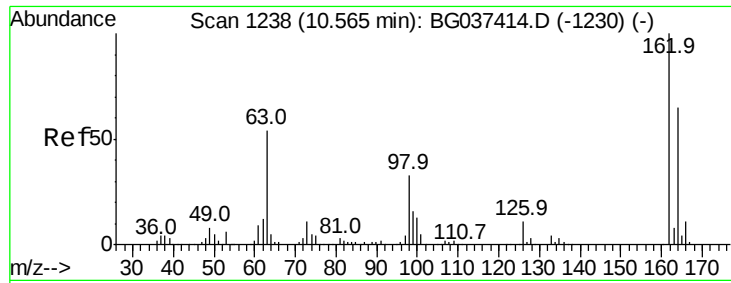
Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	281421		
95	32.3	24.6	37.0	
123	12.2	9.1	13.7	





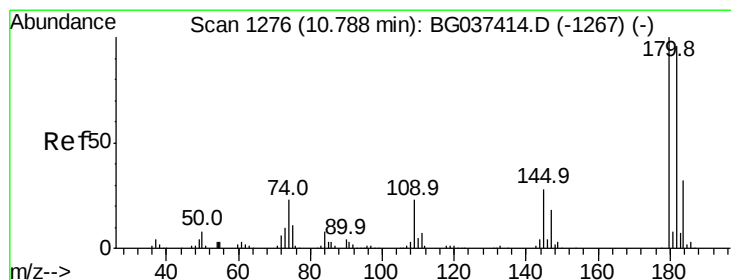
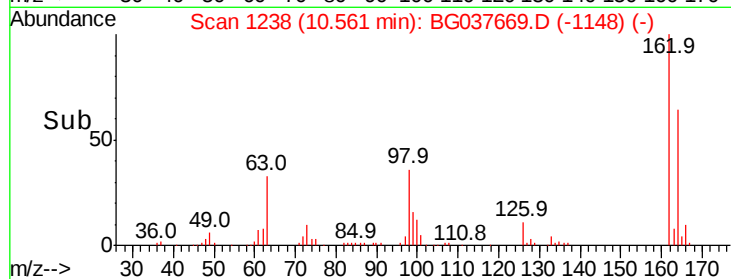
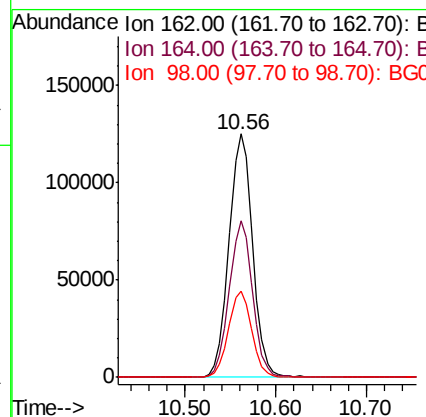
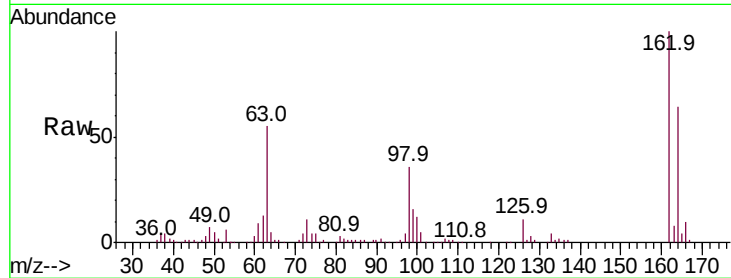
#29
 2,4-Dichlorophenol
 Concen: 52.945 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tot Ion:	162	Resp:	226765
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.2	83.2
98	35.6	16.0	56.0

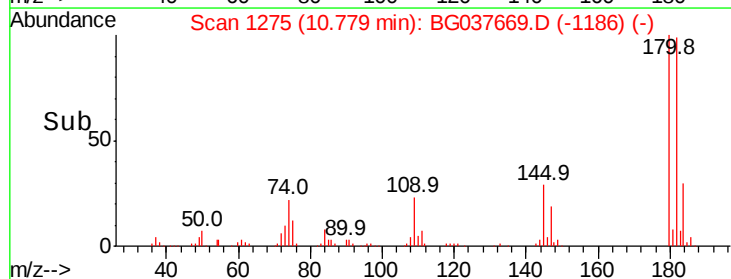
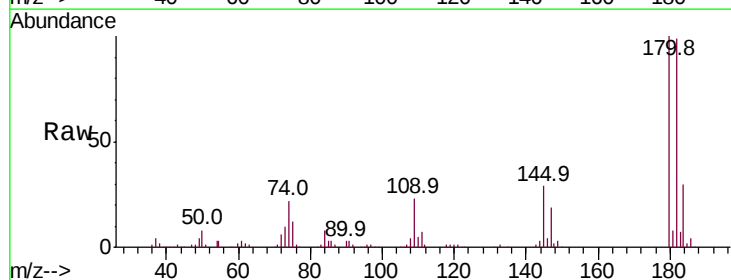
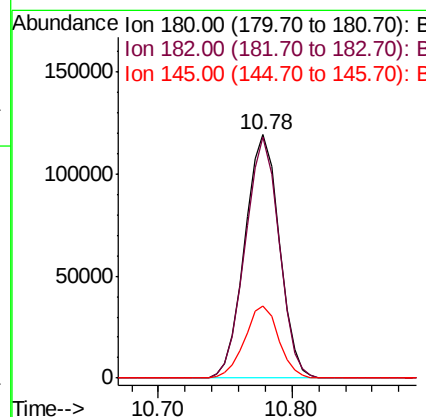
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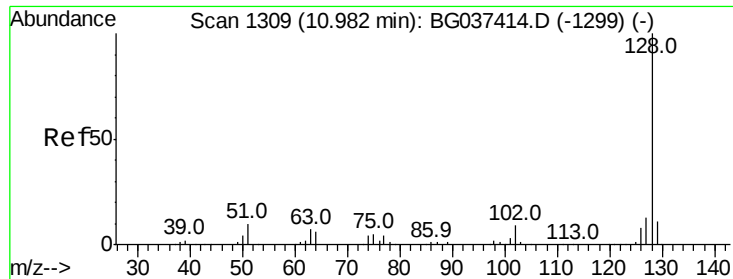
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.850 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion:	180	Resp:	213557
Ion Ratio	Lower	Upper	
180	100		
182	99.1	77.7	116.5
145	29.4	23.3	34.9





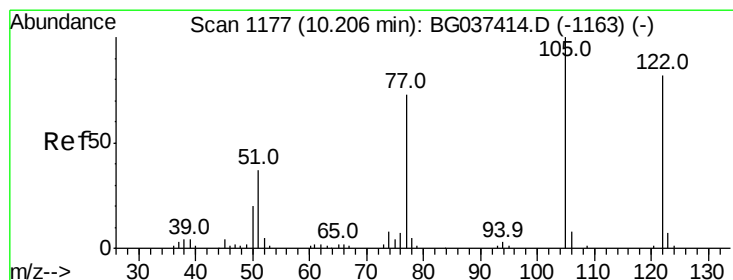
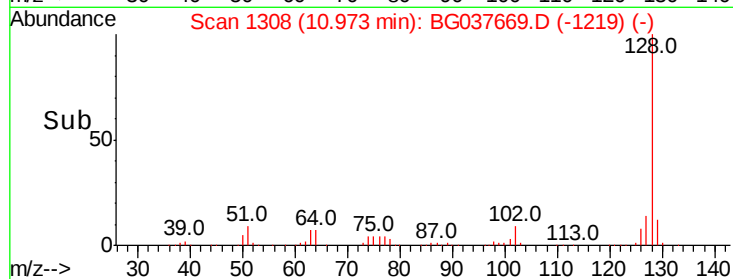
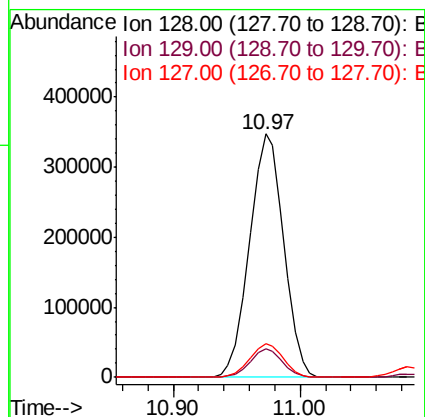
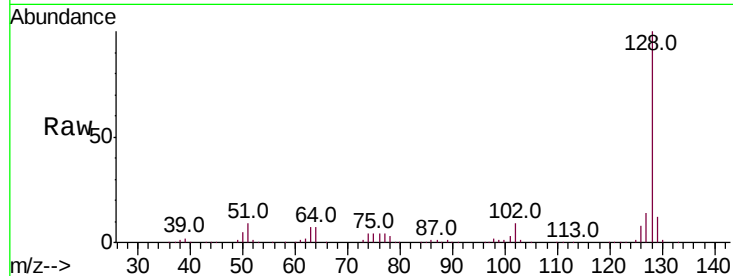
#31
Naphthalene
Concen: 51.258 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.9	11.1	16.7

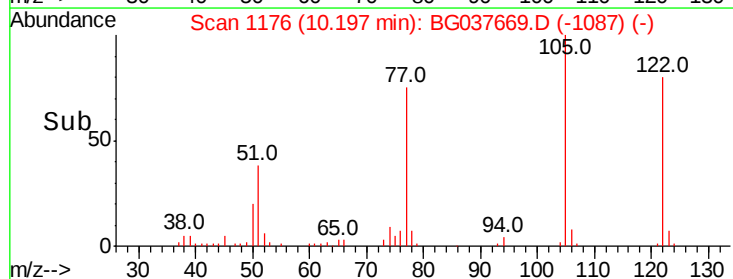
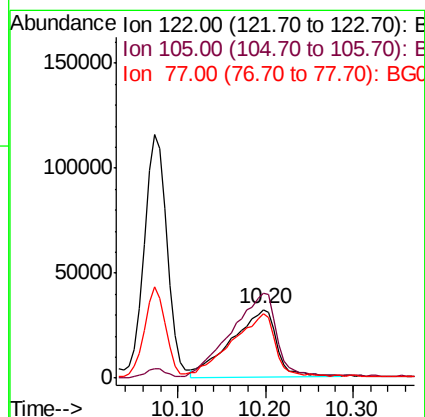
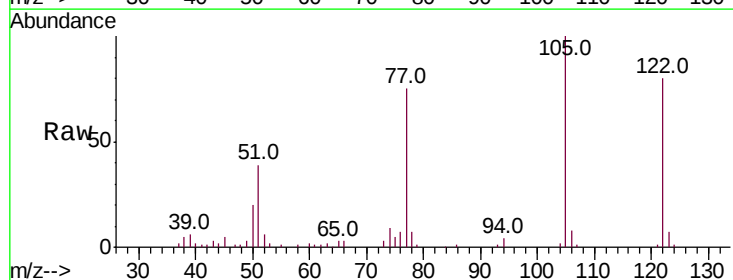
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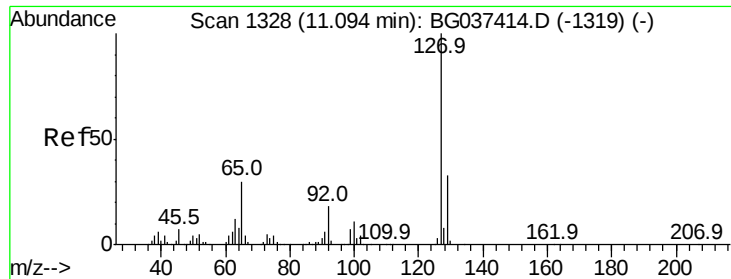
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#32
Benzoic acid
Concen: 45.339 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	106.7	146.7
77	94.1	72.2	112.2





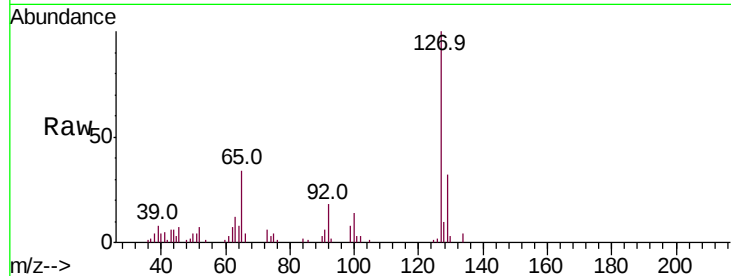
#33
4-Chloroaniline
Concen: 5.168 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

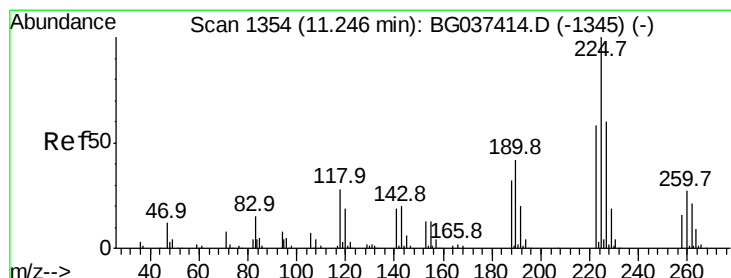
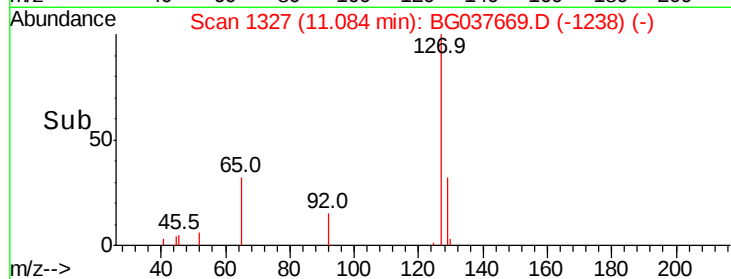
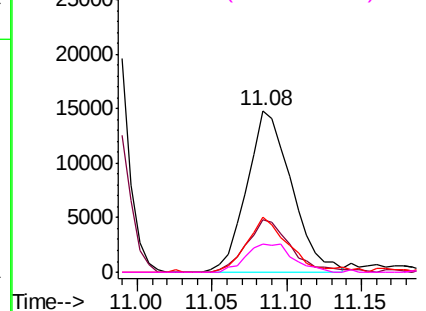
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	27.1	40.7	
65	33.7	26.6	39.8	
92	17.5	16.4	24.6	

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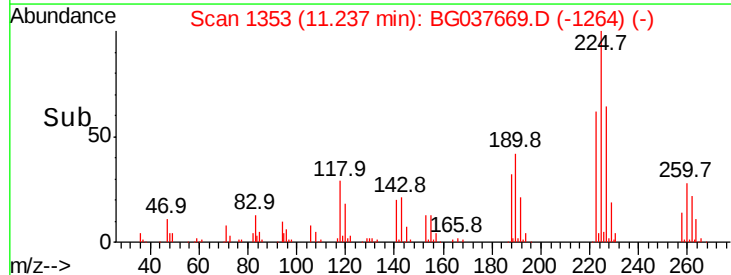
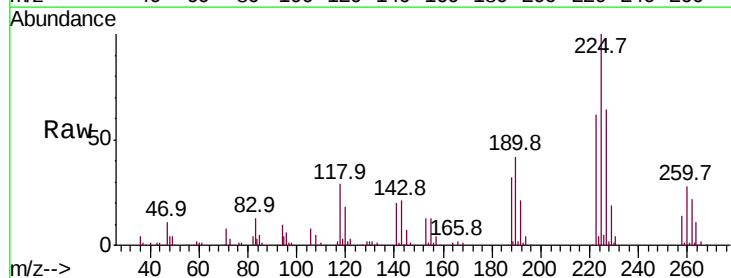
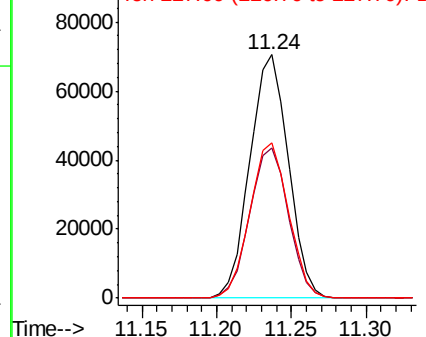
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 45.514 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.7	48.2	72.4	
227	63.0	51.6	77.4	

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





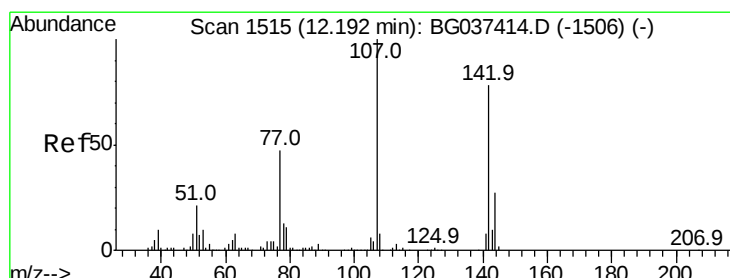
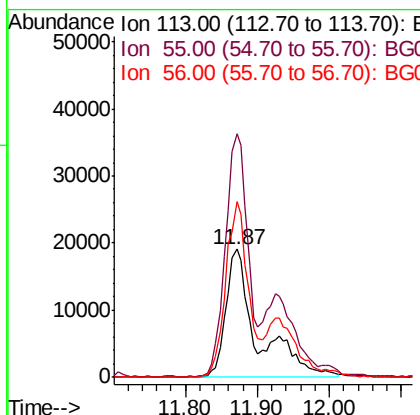
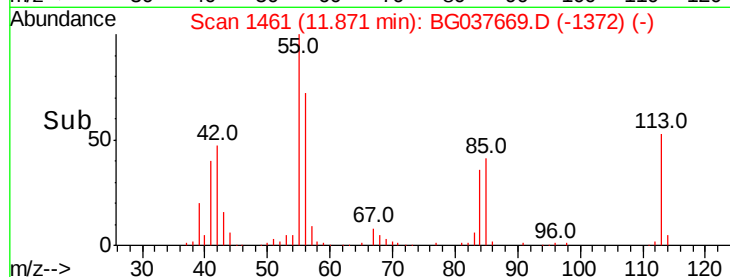
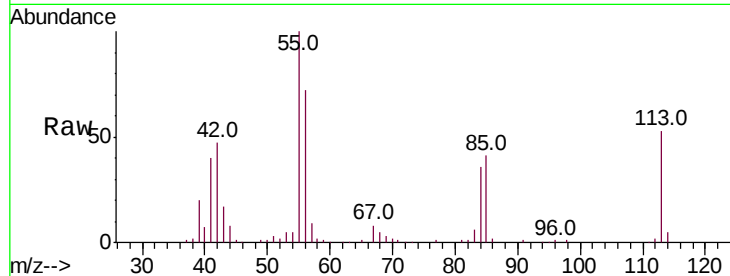
#35
Caprolactam
Concen: 33.886 ng/ml
RT: 11.87 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion: 113 Resp: 58209
Ion Ratio Lower Upper
113 100
55 190.3 176.6 216.6
56 137.0 128.3 168.3

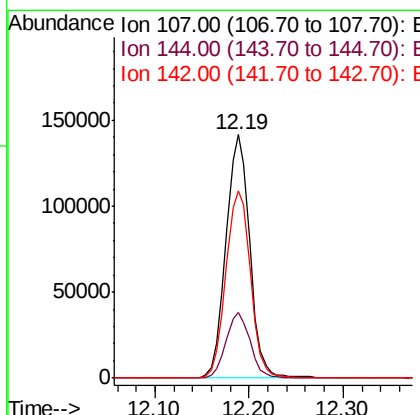
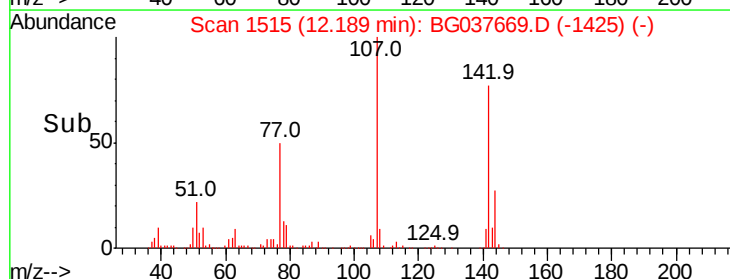
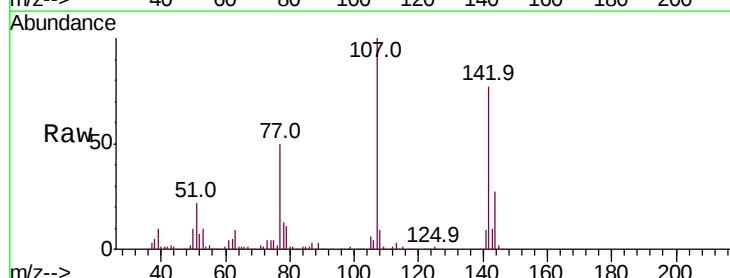
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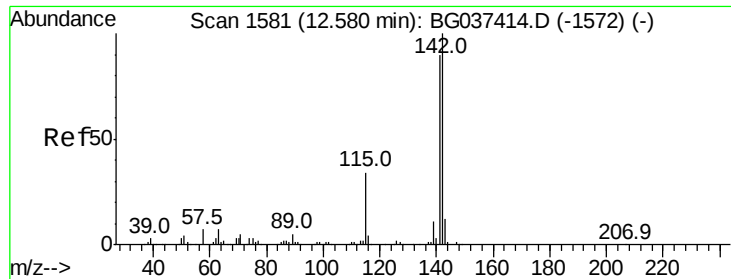
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#36
4-Chloro-3-methylphenol
Concen: 51.712 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion: 107 Resp: 249785
Ion Ratio Lower Upper
107 100
144 27.1 20.7 31.1
142 77.2 64.4 96.6





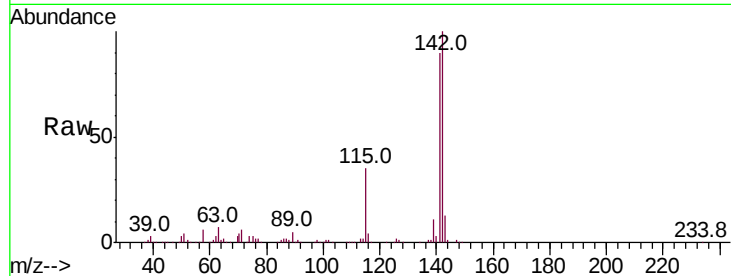
#37
2-Methylnaphthalene
Concen: 53.106 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	490370		
141	89.7	71.9	107.9	
115	34.9	27.8	41.8	

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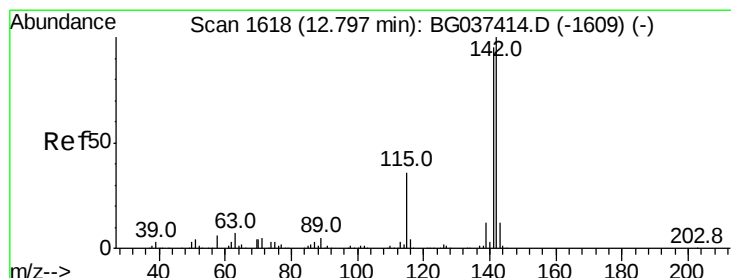
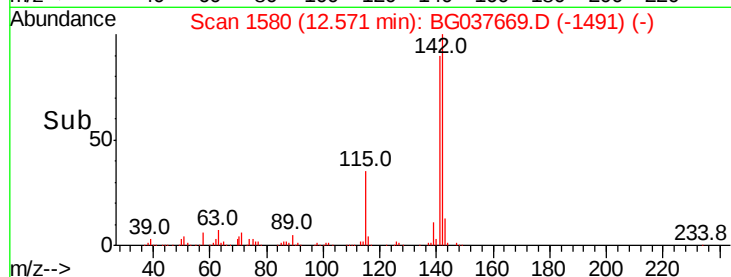
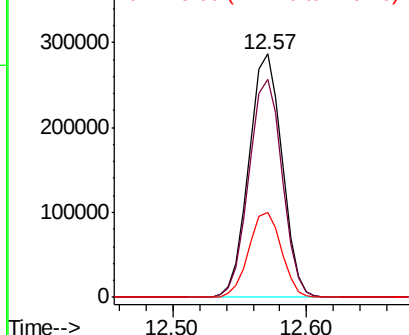


Abundance

Ion 142.00 (141.70 to 142.70): E

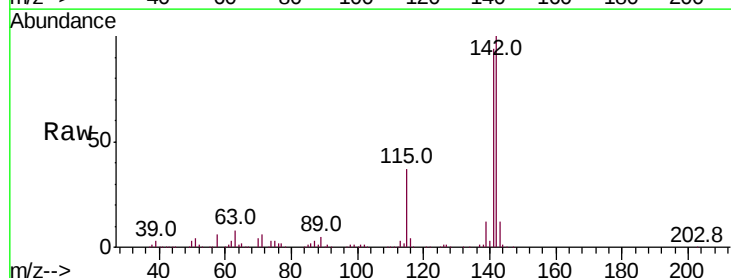
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 52.467 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	470492		
141	94.5	75.2	112.8	
116	3.8	3.3	4.9	

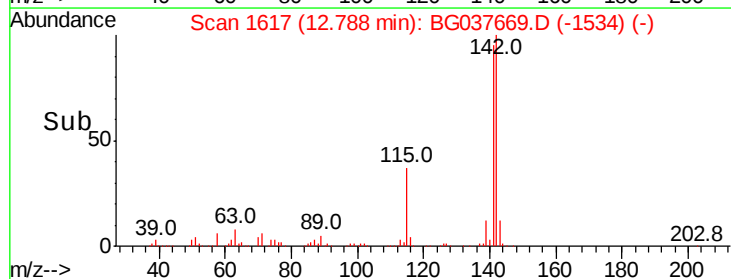
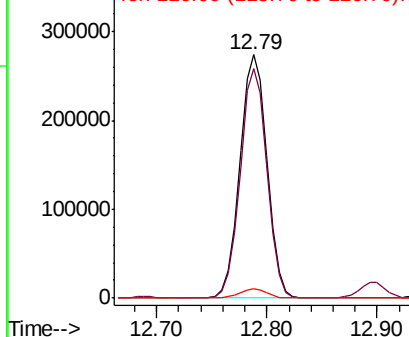


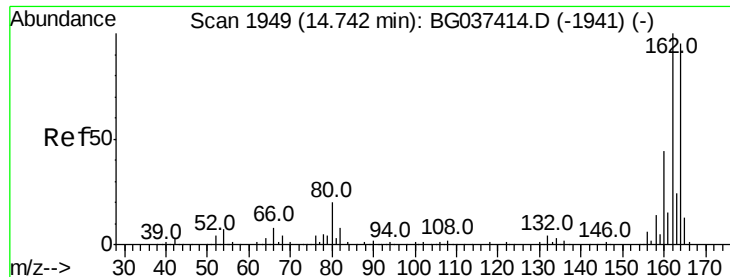
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





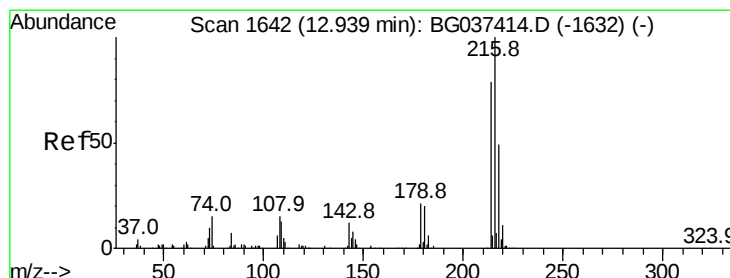
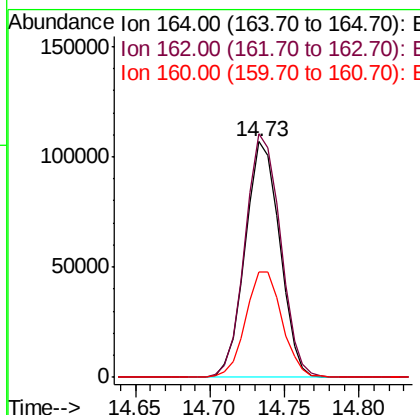
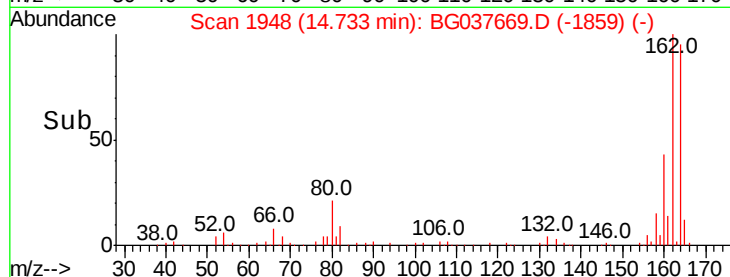
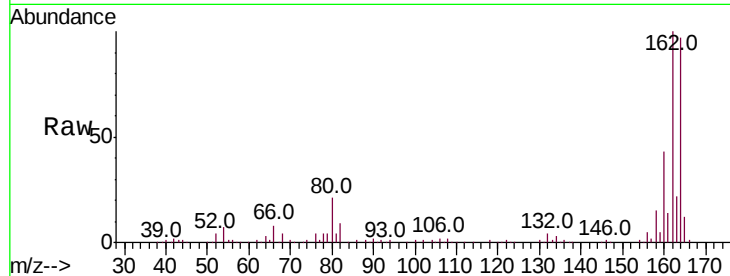
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	81.3	121.9	
160	44.6	36.3	54.5	

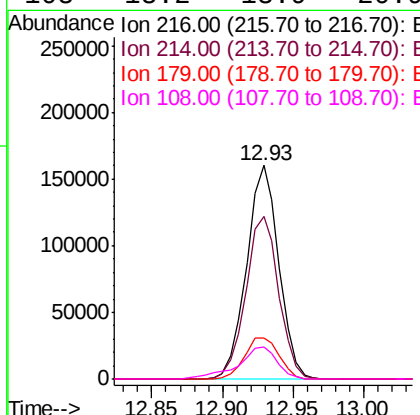
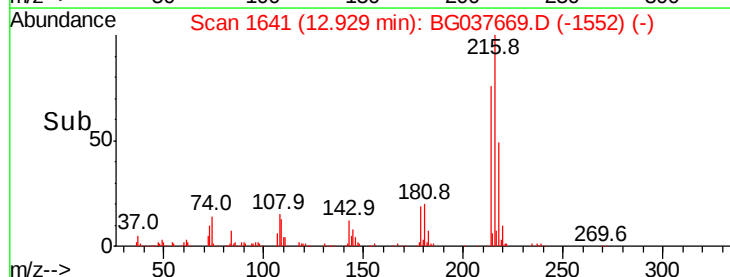
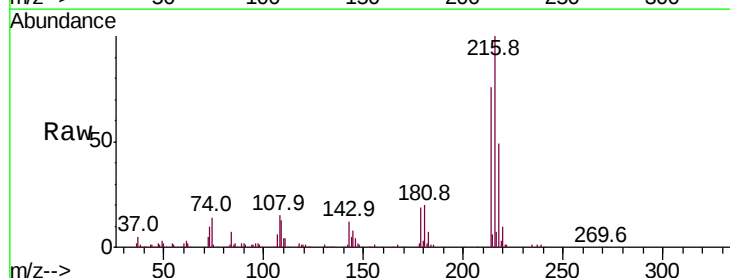
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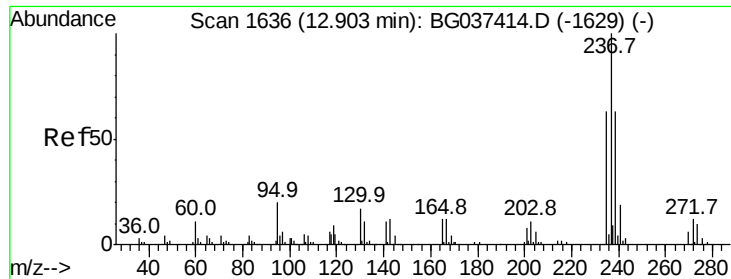
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.270 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.8	63.8	95.6	
179	20.7	17.4	26.0	
108	18.2	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 99.114 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

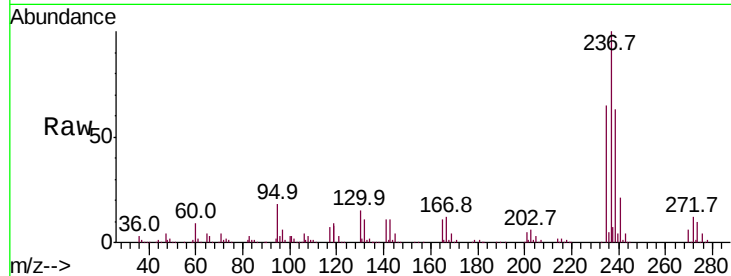
ClientSampleId :

HR-05-102618-AMSD

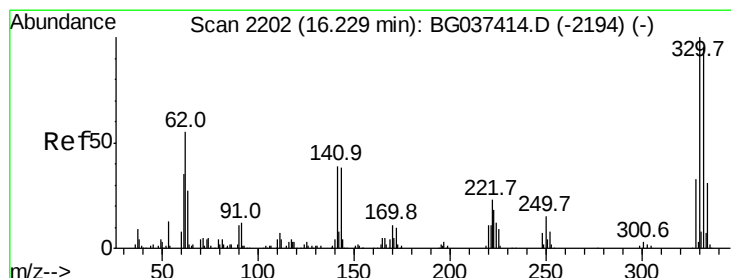
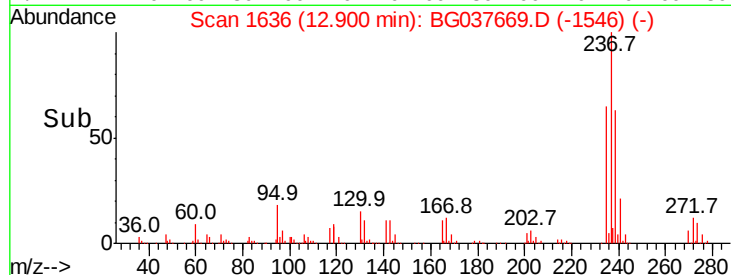
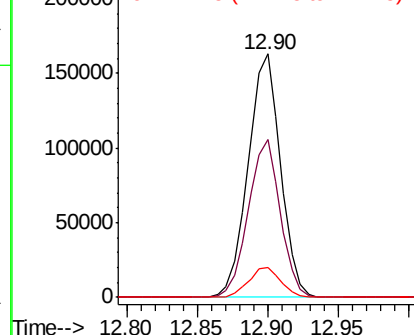
Tot Ion:	237	Resp:	261353
Ion Ratio	Lower	Upper	
237	100		
235	64.9	42.5	82.5
272	12.1	0.0	31.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.076 ng

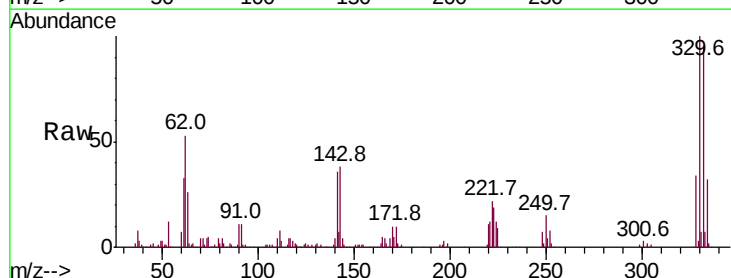
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

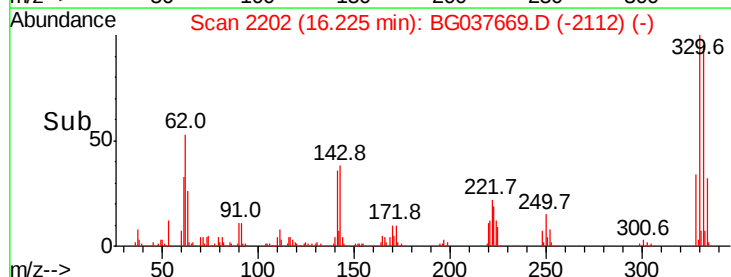
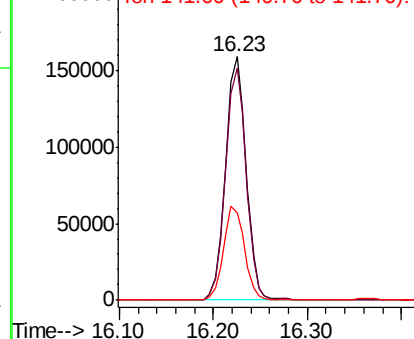
Lab File: BG037669.D

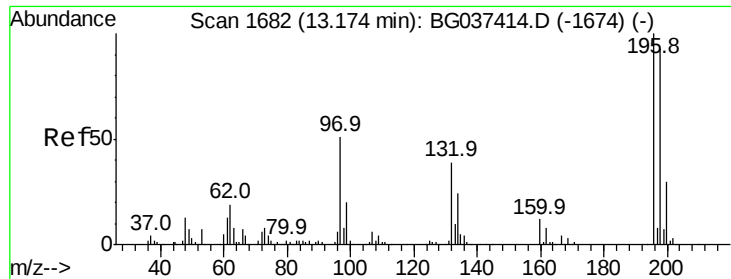
Acq: 31 Oct 2018 1:47

Tgt Ion:	330	Resp:	244671
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.4	117.6
141	38.8	32.2	48.2



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





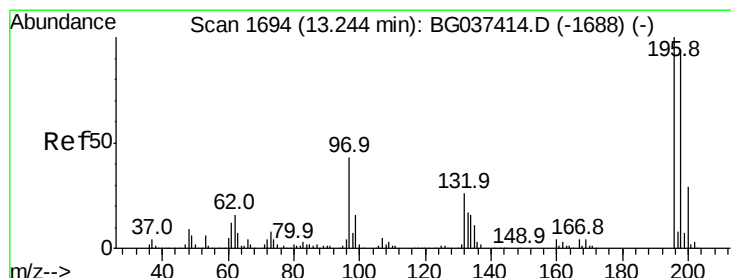
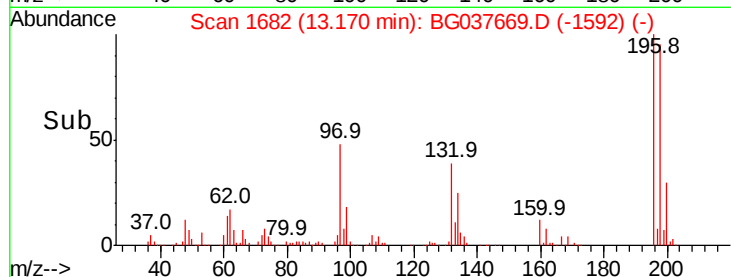
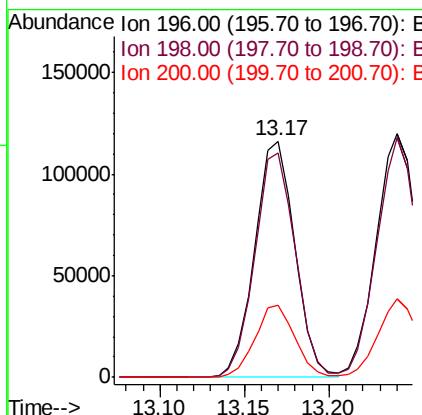
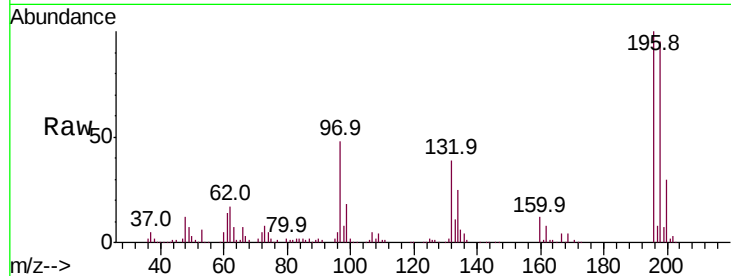
#43
 2,4,6-Trichlorophenol
 Concen: 52.084 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192087		
198	95.1	76.4	114.6	
200	30.4	24.9	37.3	

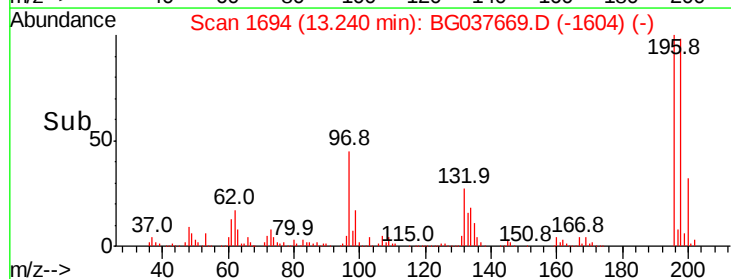
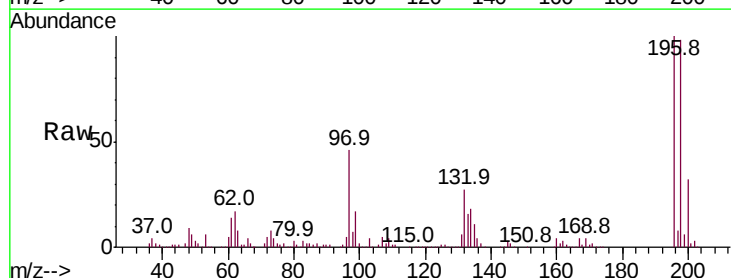
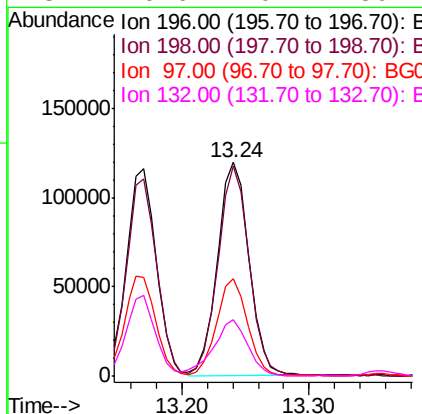
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 51.497 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	206782		
198	98.3	74.2	111.2	
97	45.5	34.1	51.1	
132	26.6	20.2	30.4	





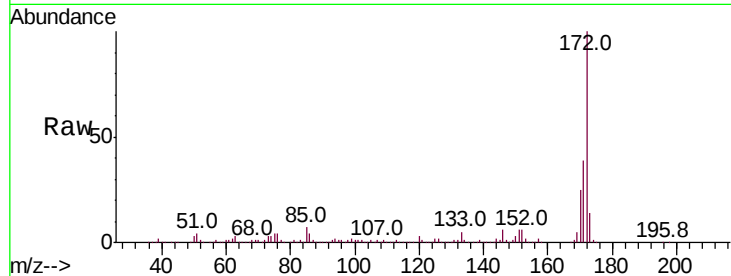
#45
2-Fluorobiphenyl
Concen: 81.452 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.2	20.2	30.2

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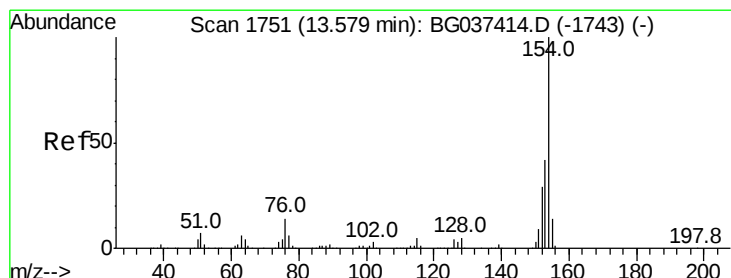
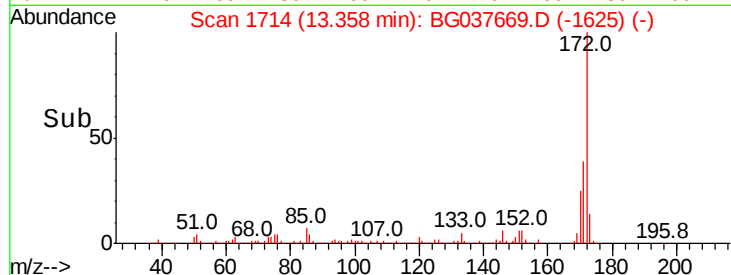
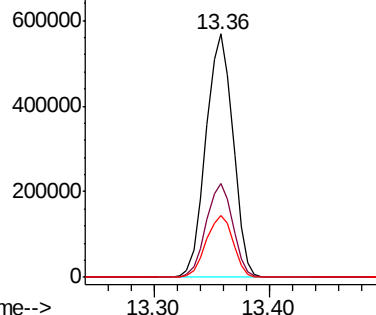


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.832 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

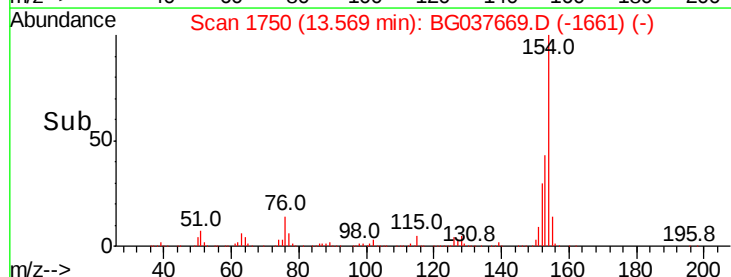
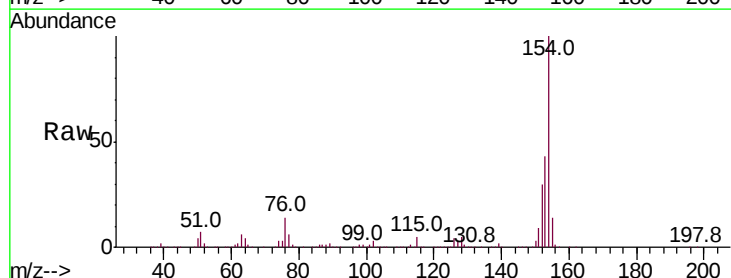
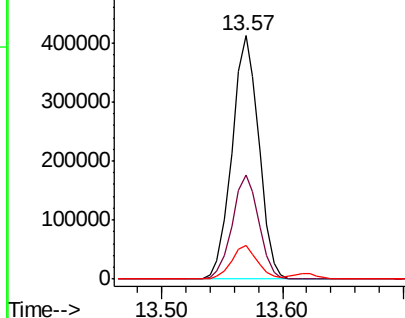
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	14.0	0.0	33.2

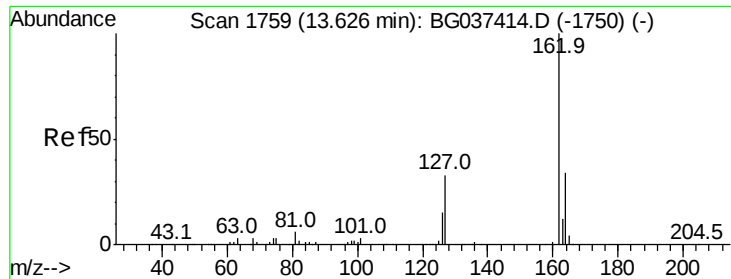
Abundance

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): BG





#47

2-Chloronaphthalene

Concen: 47.298 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

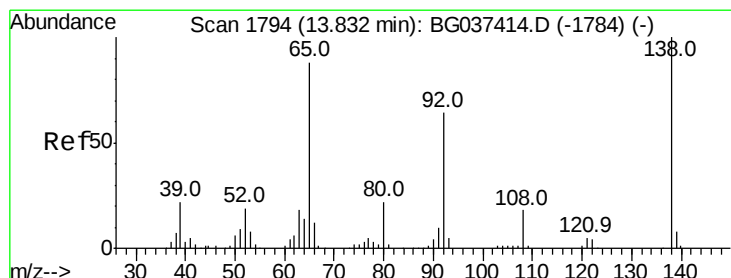
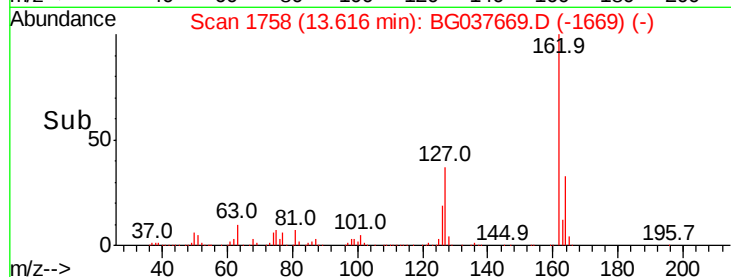
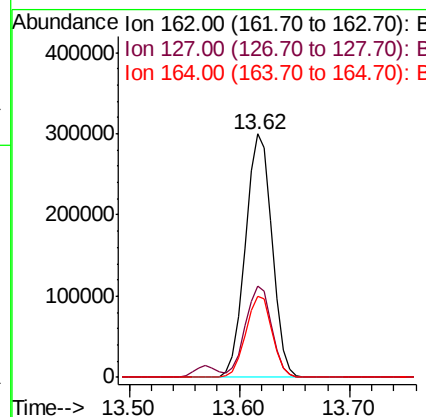
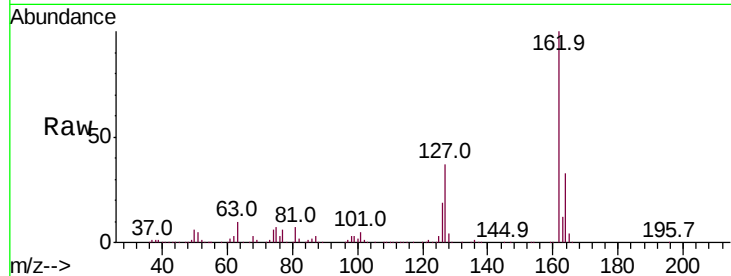
ClientSampleId :

HR-05-102618-AMSD

Tot Ion:	162	Resp:	507176
Ion Ratio	Lower	Upper	
162	100		
127	37.4	30.5	45.7
164	33.1	26.4	39.6

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#48

2-Nitroaniline

Concen: 53.070 ng

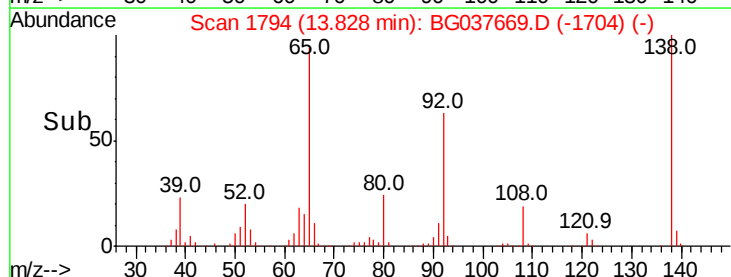
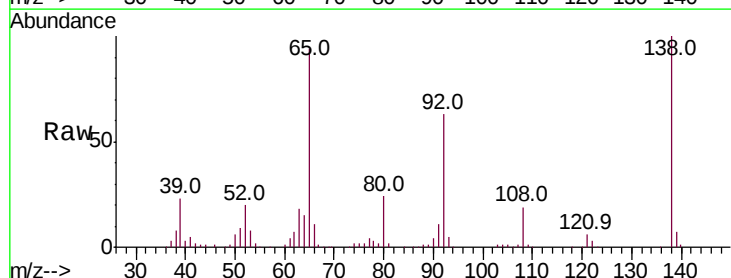
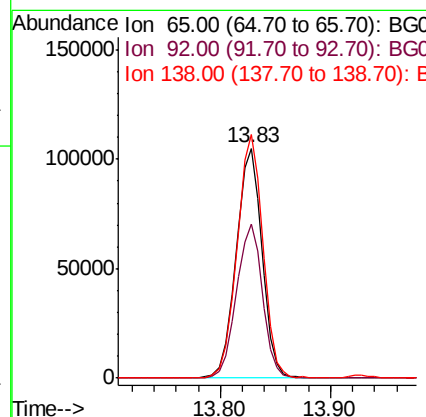
RT: 13.83 min Scan# 1794

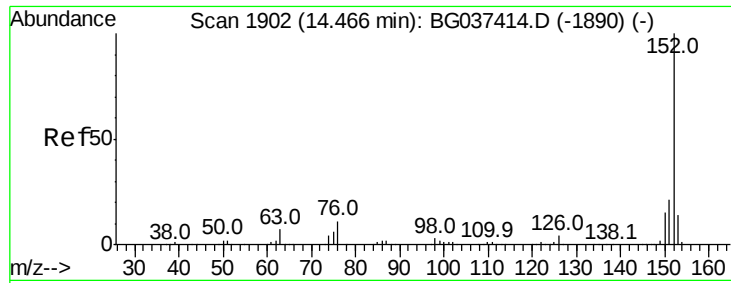
Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:	65	Resp:	172571
Ion Ratio	Lower	Upper	
65	100		
92	67.1	53.2	79.8
138	105.9	79.3	118.9





#49

Acenaphthylene

Concen: 51.969 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

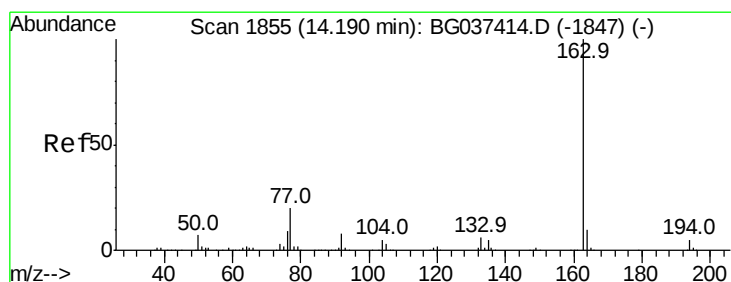
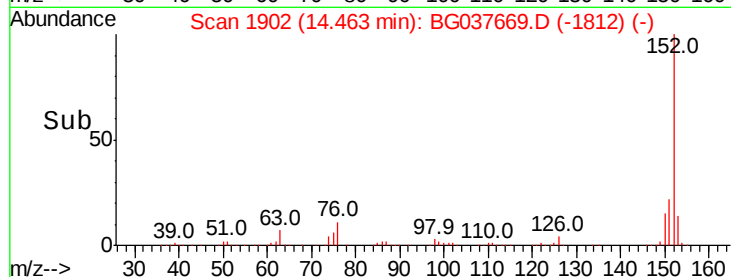
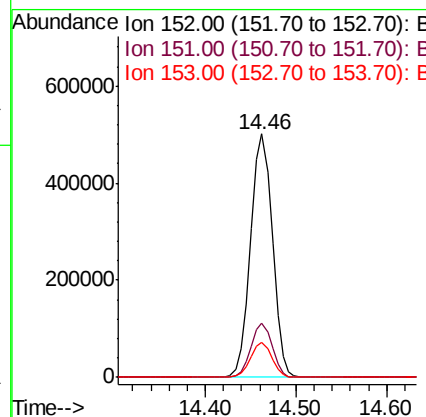
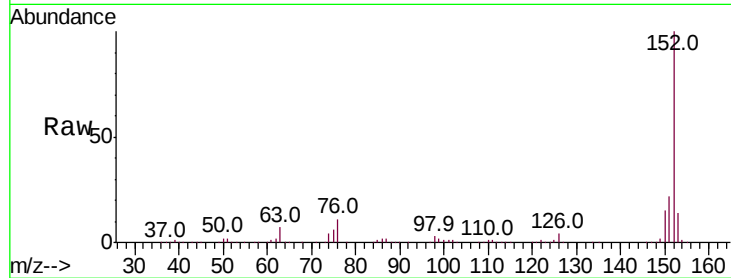
ClientSampleId :

HR-05-102618-AMSD

Tot Ion:	152	Resp:	838277
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	14.2	11.1	16.7

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#50

Dimethylphthalate

Concen: 50.408 ng

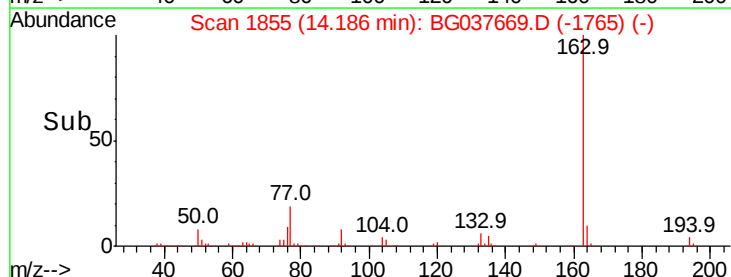
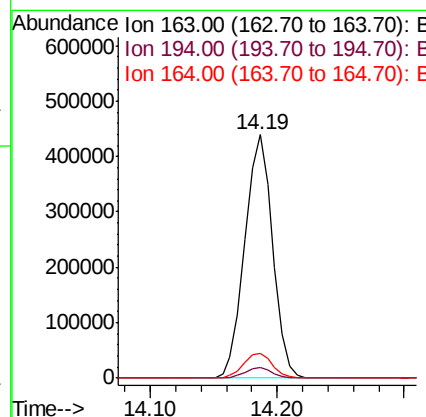
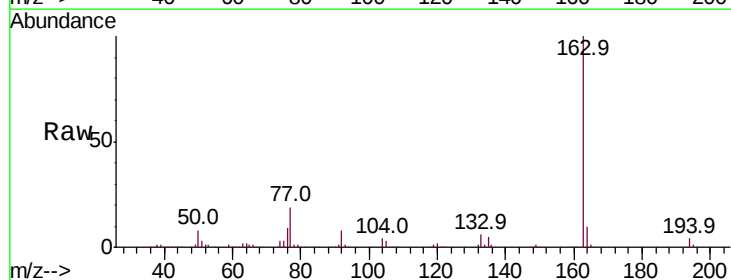
RT: 14.19 min Scan# 1855

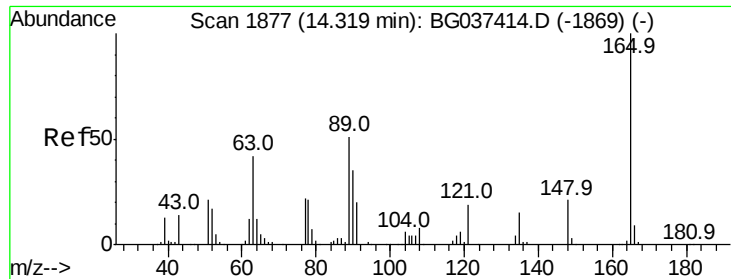
Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:	163	Resp:	667397
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.4	8.5	12.7





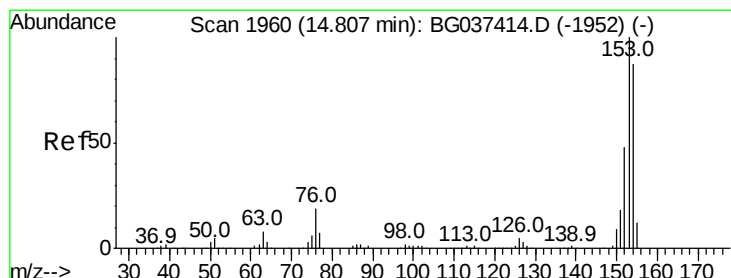
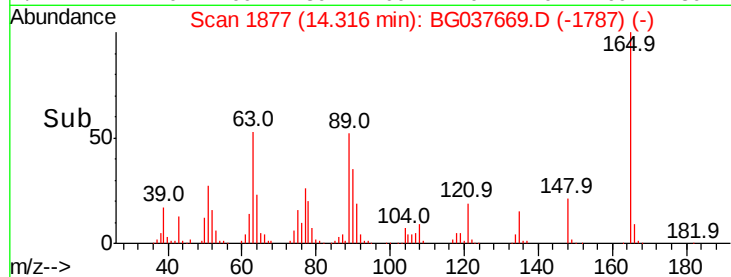
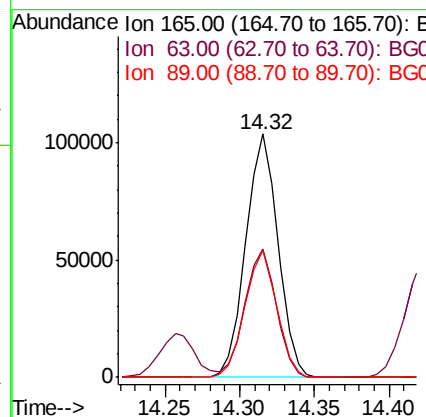
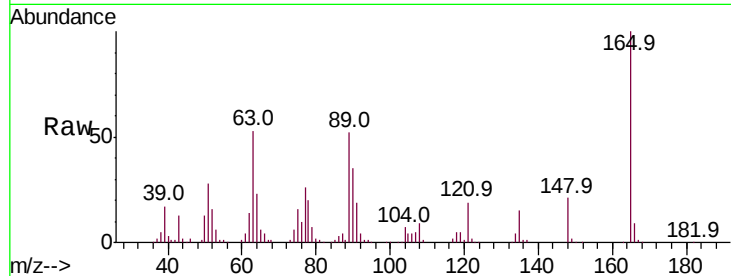
#51
2,6-Dinitrotoluene
Concen: 52.837 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.0	43.4	65.2
89	52.5	45.8	68.6

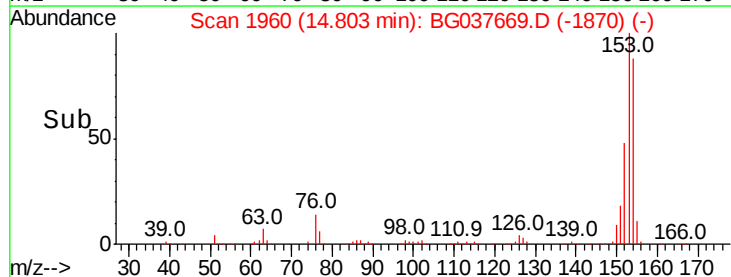
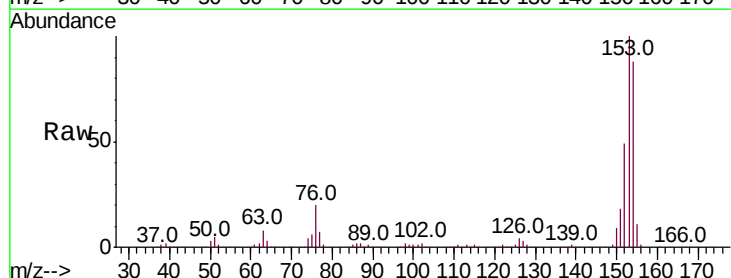
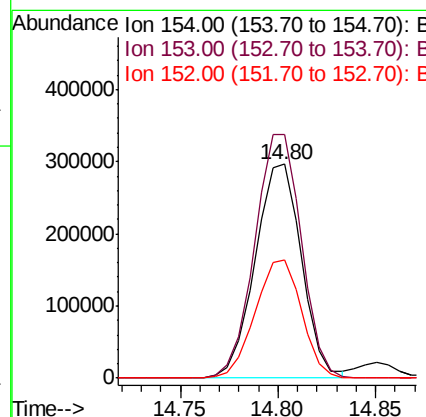
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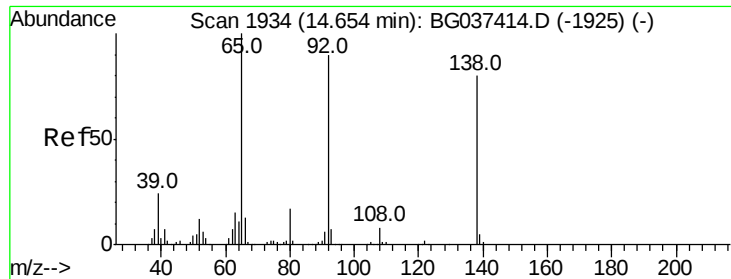
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#52
Acenaphthene
Concen: 48.987 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.0	93.4	140.0
152	55.6	44.7	67.1





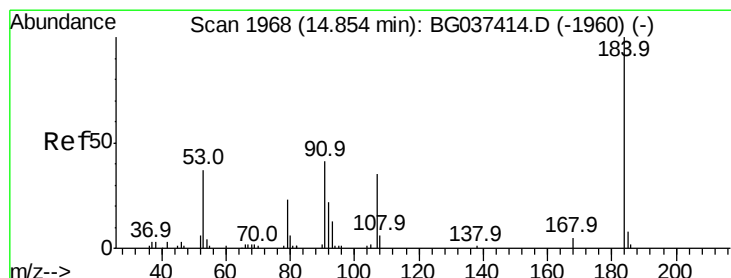
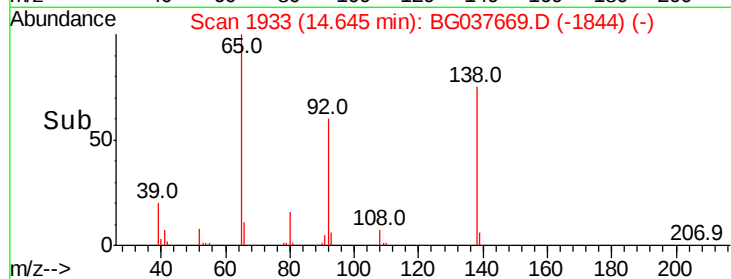
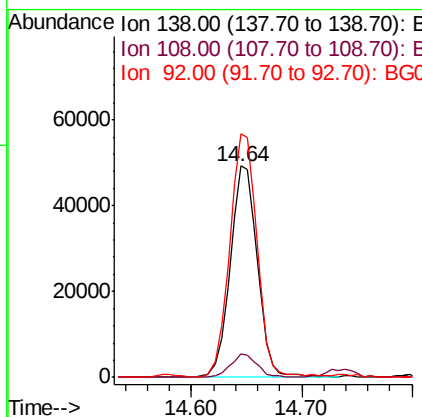
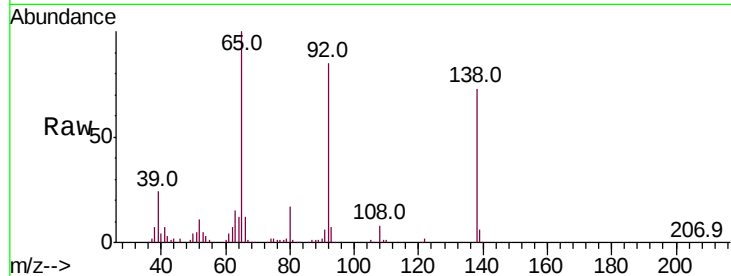
#53
3-Nitroaniline
Concen: 26.193 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	11.0	16.6
92	115.2	95.2	142.8

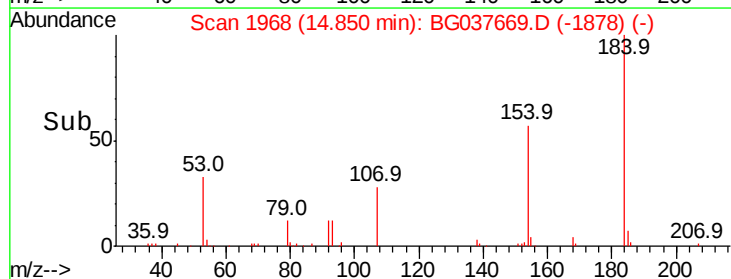
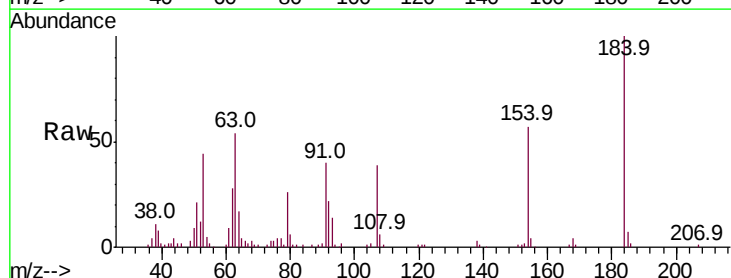
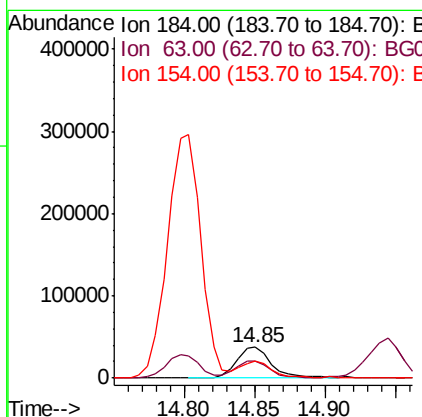
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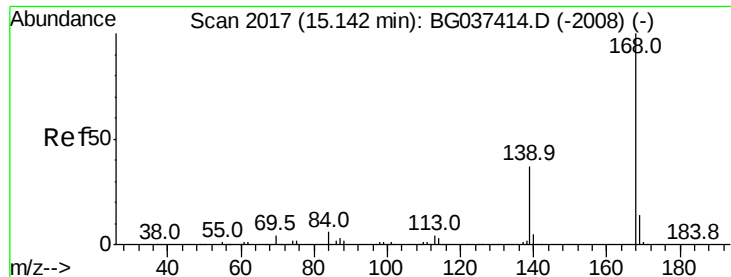
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#54
2,4-Dinitrophenol
Concen: 59.665 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.8	42.6	63.8
154	56.8	41.8	62.6





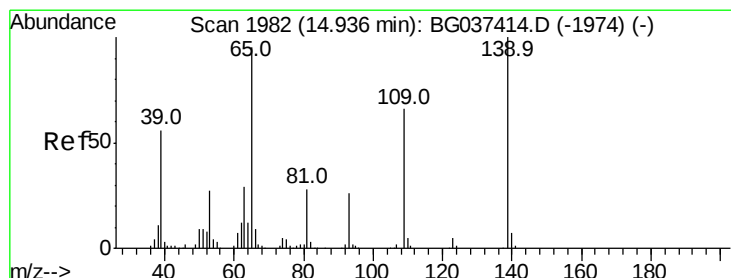
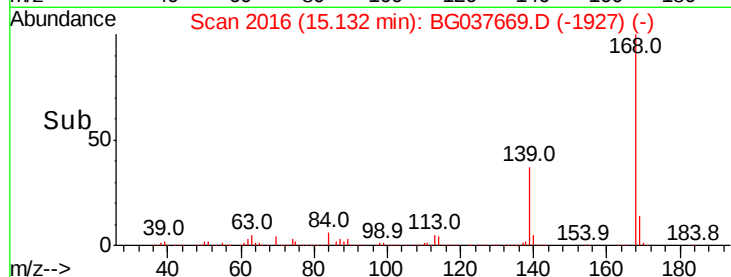
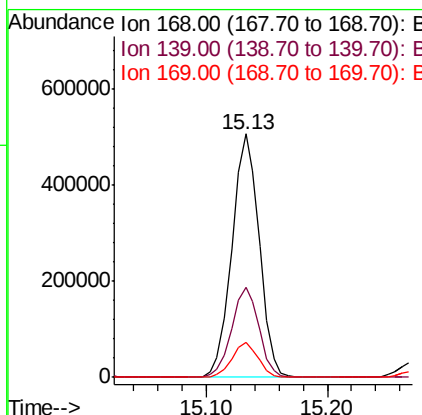
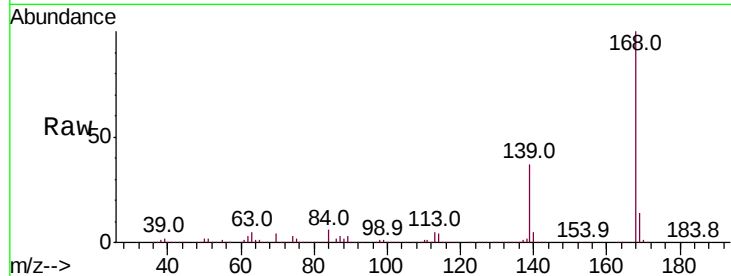
#55
Dibenzenofuran
Concen: 48.258 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.0
169	14.3	11.0	16.6

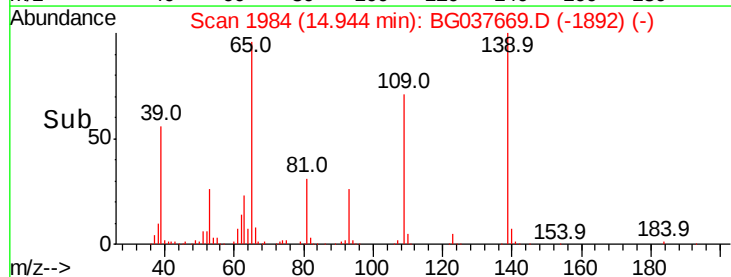
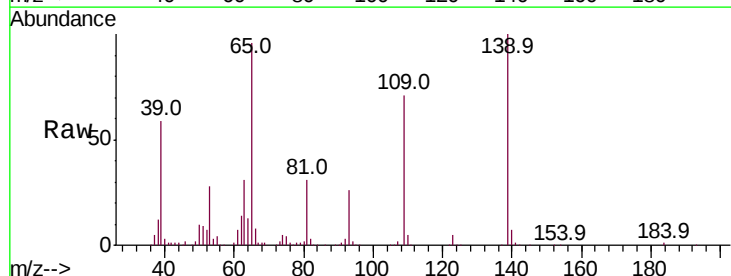
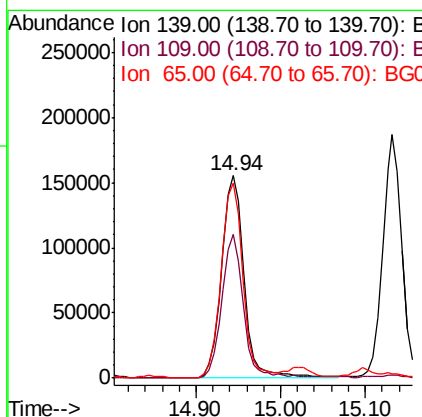
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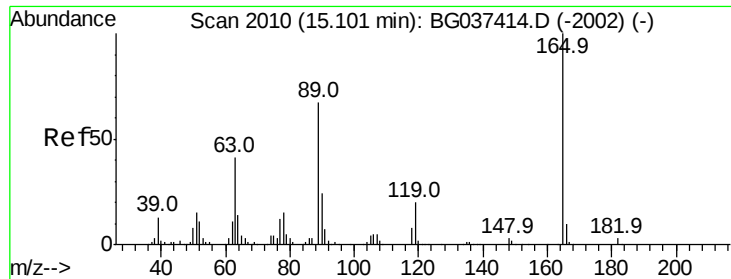
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#56
4-Nitrophenol
Concen: 119.429 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	49.5	89.5
65	96.1	76.8	116.8





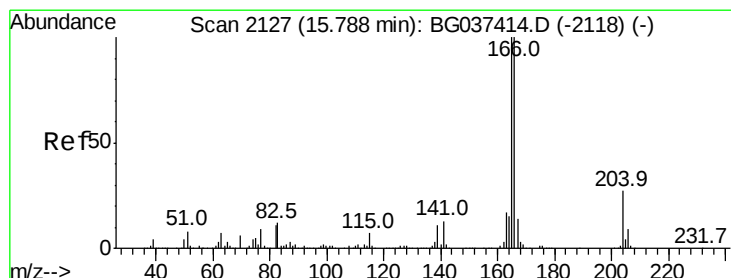
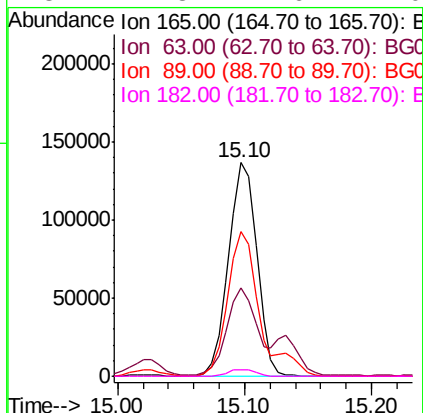
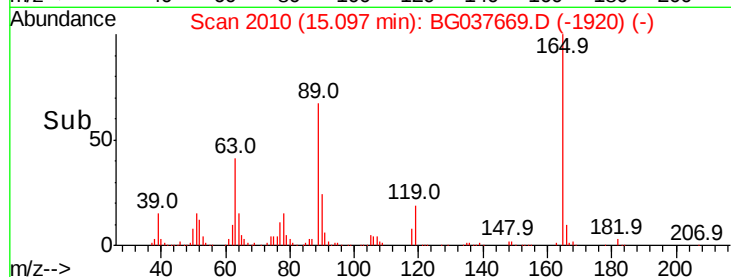
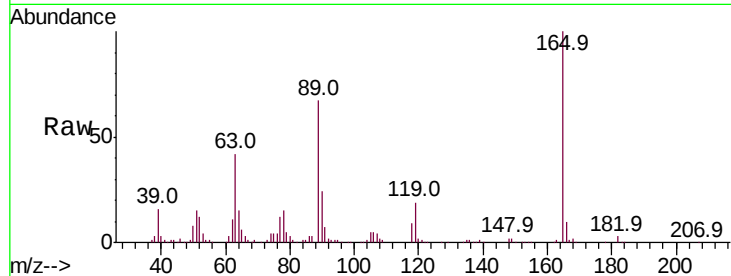
#57
2,4-Dinitrotoluene
Concen: 55.121 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.6	33.4	50.0
89	67.5	57.2	85.8
182	2.8	2.6	4.0

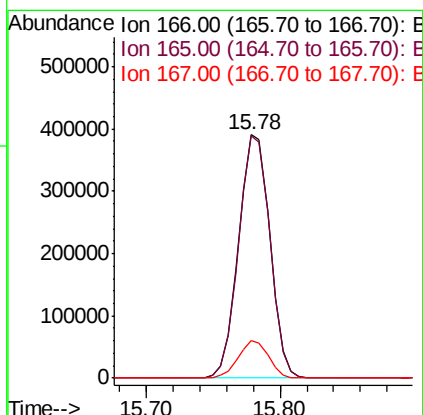
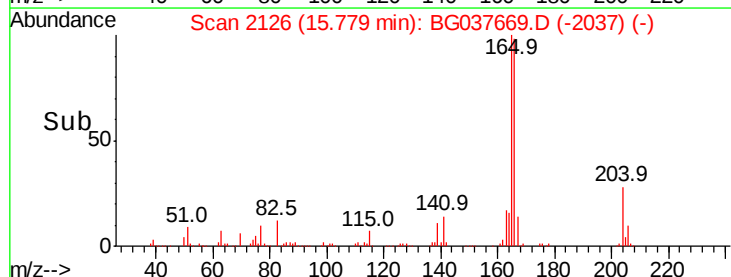
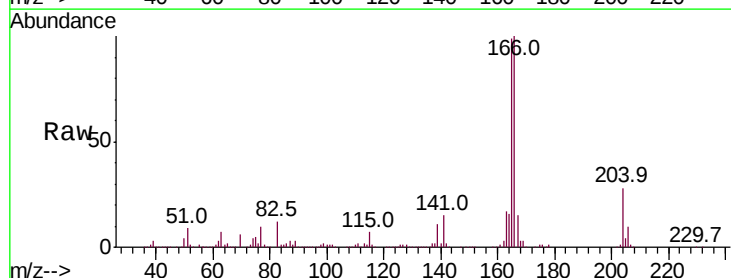
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#58
Fluorene
Concen: 51.345 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.3	79.0	118.6
167	15.3	11.3	16.9





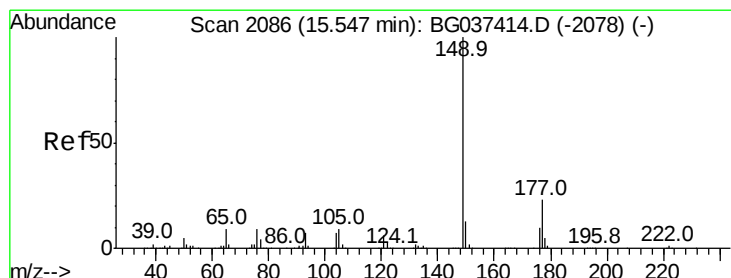
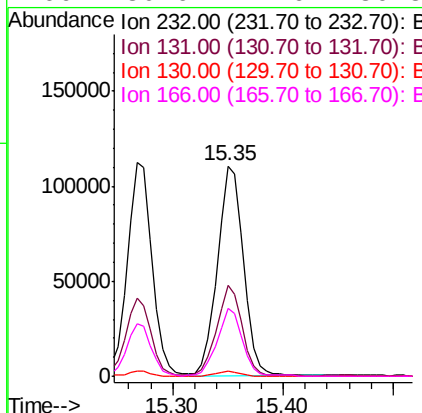
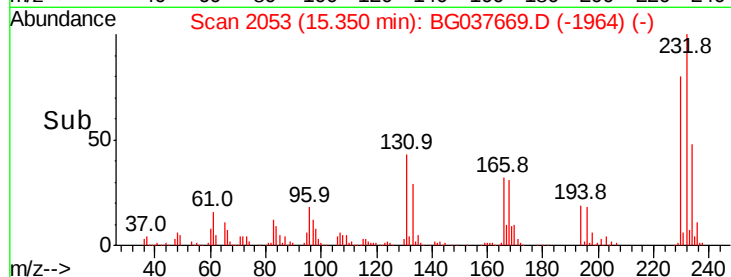
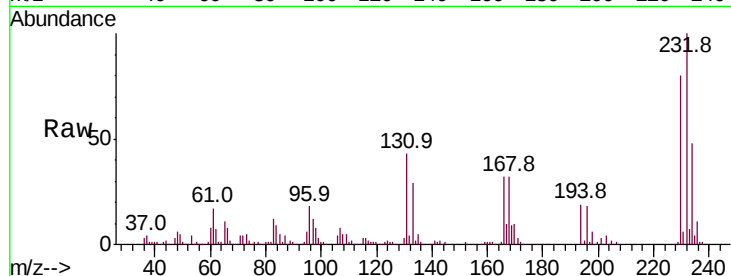
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.727 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	181276		
131	41.5		33.7	50.5
130	2.4		2.1	3.1
166	30.6		24.6	36.8

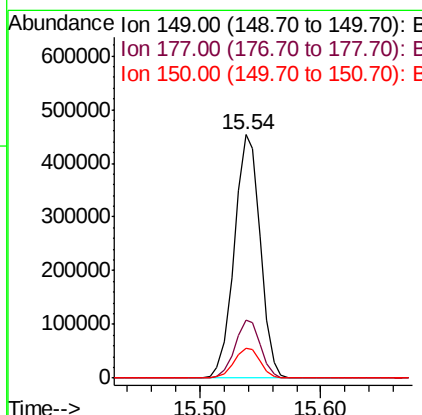
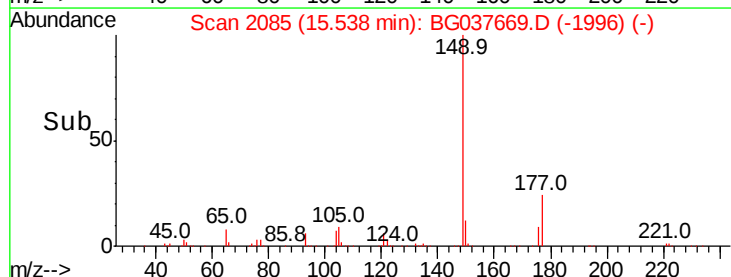
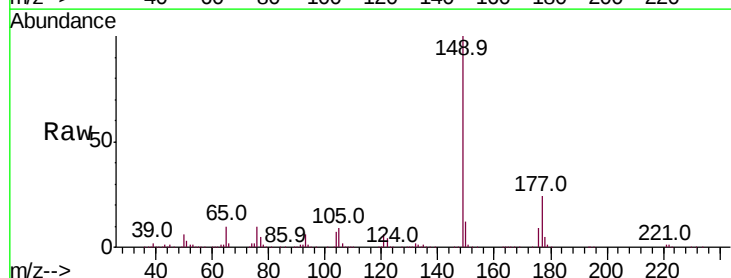
Manual Integrations
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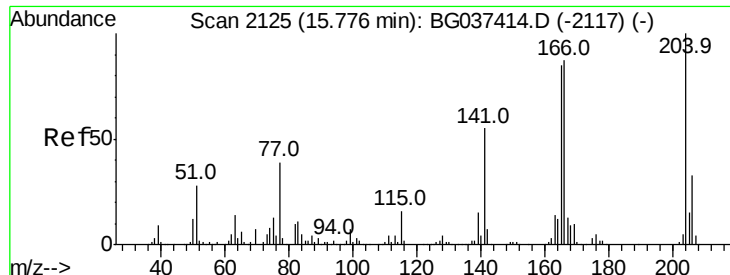
Sohil
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#60
Diethylphthalate
Concen: 49.665 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	675090		
177	23.6		18.3	27.5
150	12.5		10.0	15.0





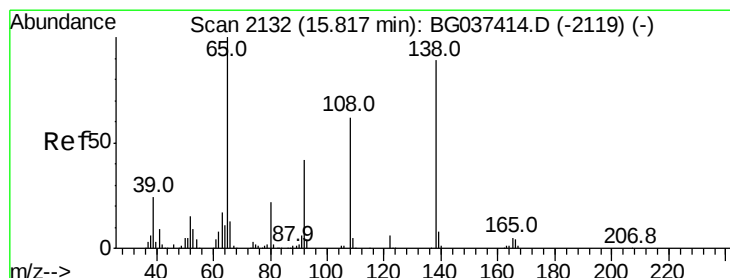
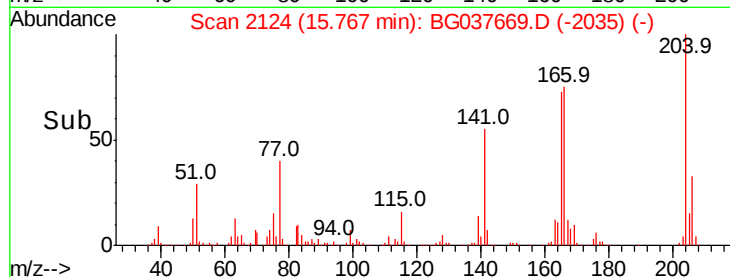
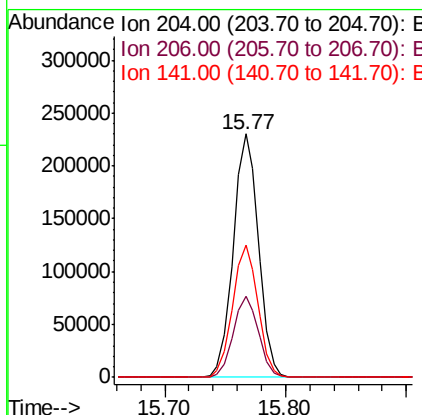
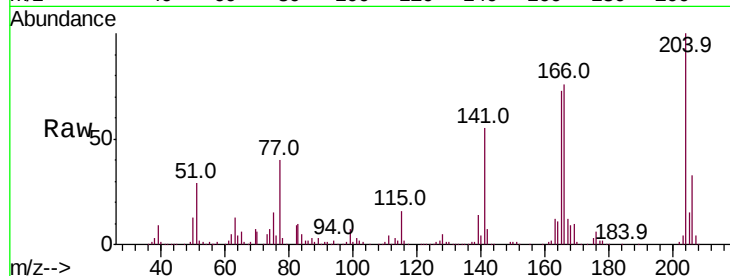
#61
 4-Chlorophenyl-phenylether
 Concen: 46.609 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	54.6	45.4	68.2

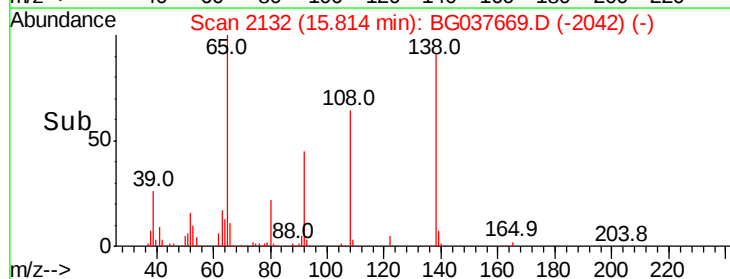
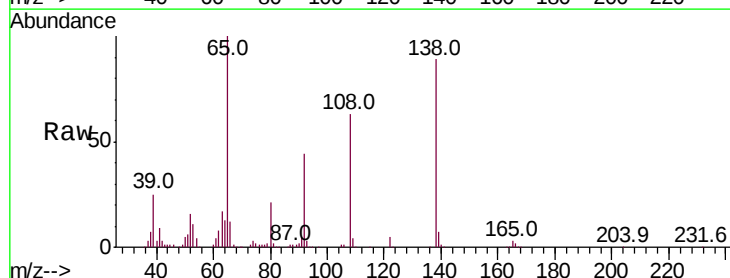
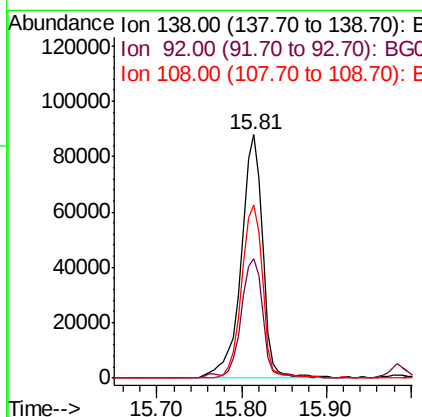
Manual Integrations
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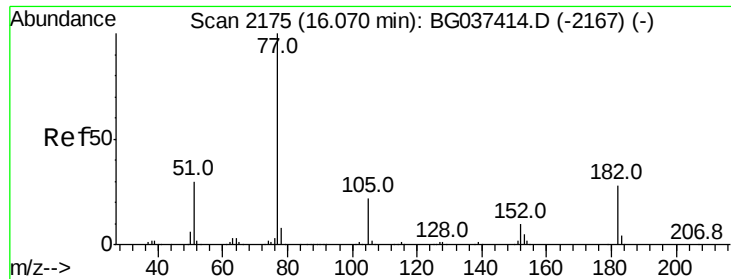
Sohil
 10/31/2018 11:54:22 AM



#62
 4-Nitroaniline
 Concen: 48.121 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	36.4	76.4
108	71.4	60.1	100.1





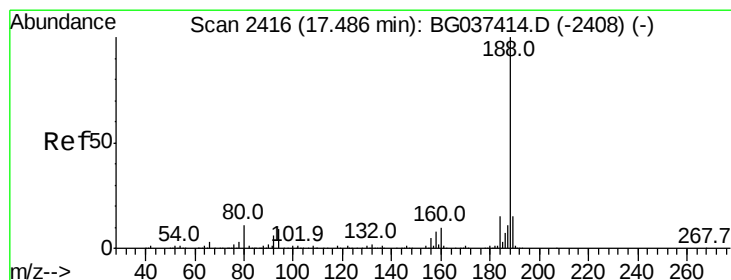
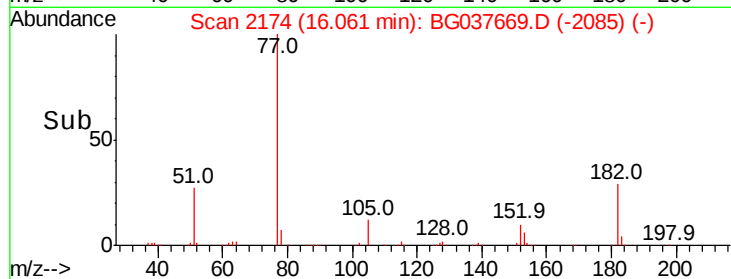
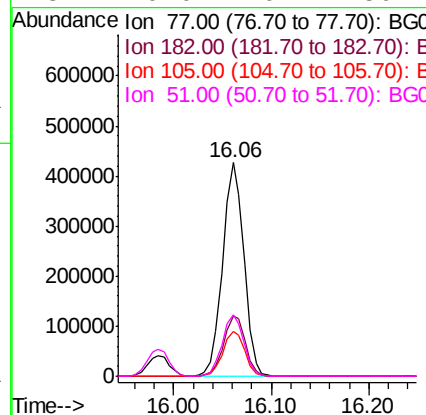
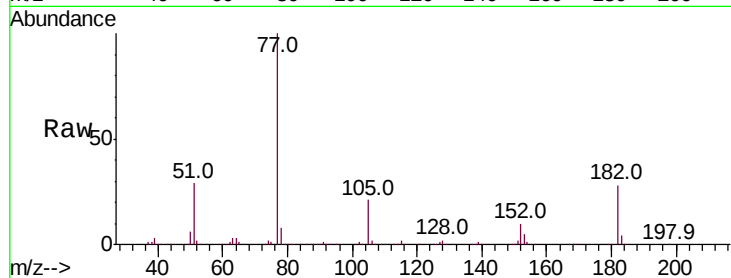
#63
Azobenzene
Concen: 49.461 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.9	8.0	48.0	
105	21.2	1.3	41.3	
51	29.0	10.7	50.7	

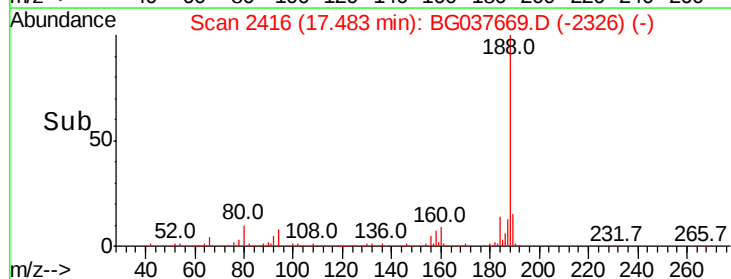
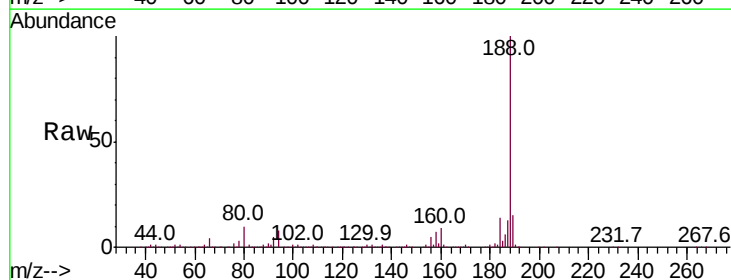
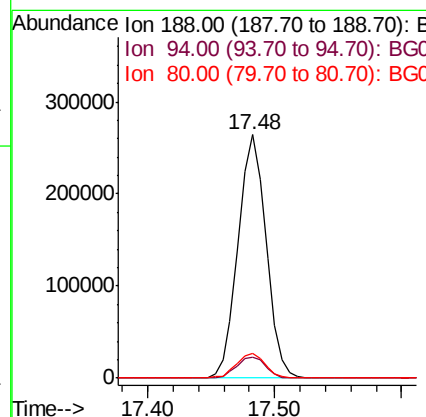
Manual Integrations
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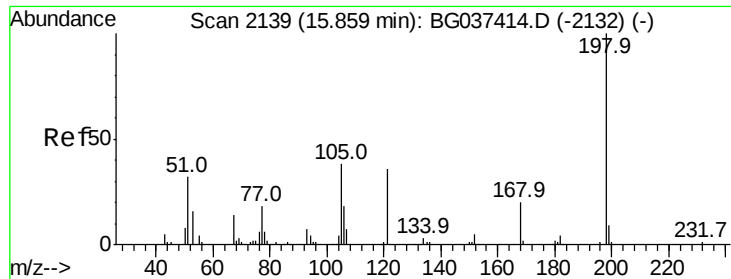
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.2	10.8	
80	9.9	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.416 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

Tot Ion:198 Resp: 77199

Ion Ratio Lower Upper

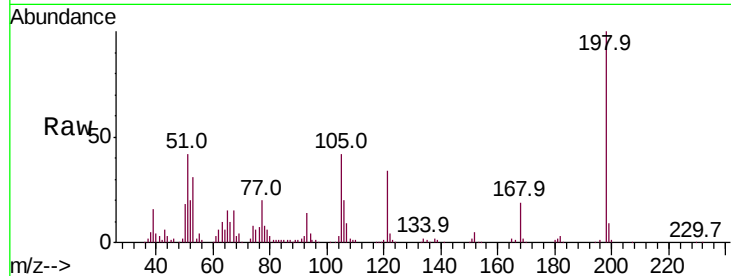
198 100

51 41.5 22.7 62.7

105 41.9 19.7 59.7

Manual Integrations
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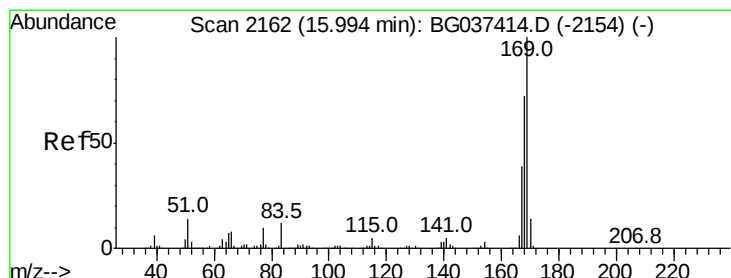
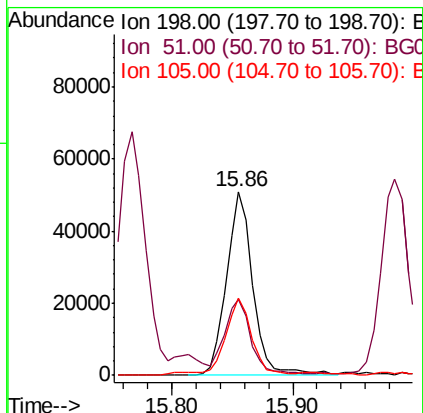
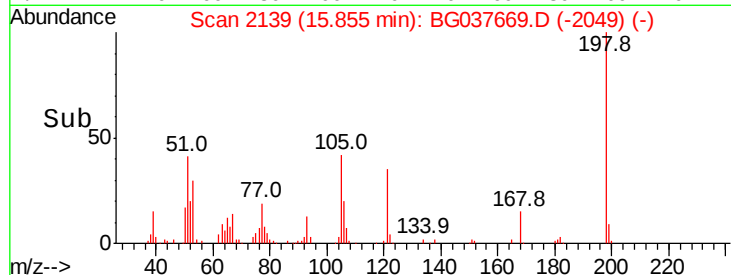
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.391 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

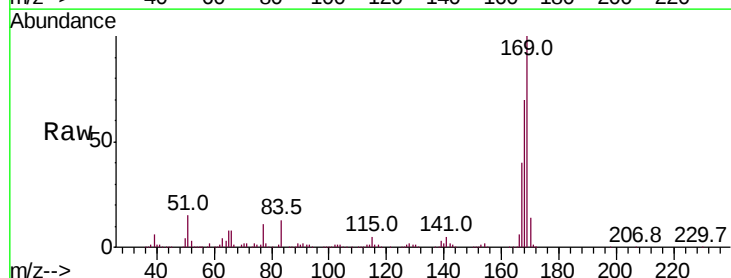
Tgt Ion:169 Resp: 576914

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

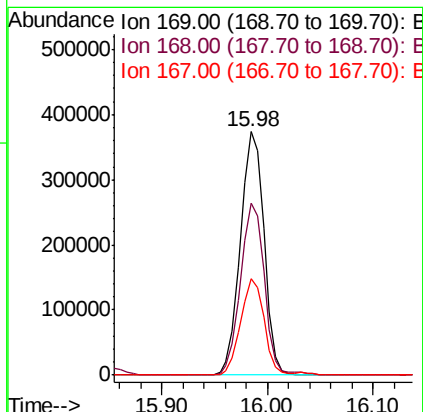
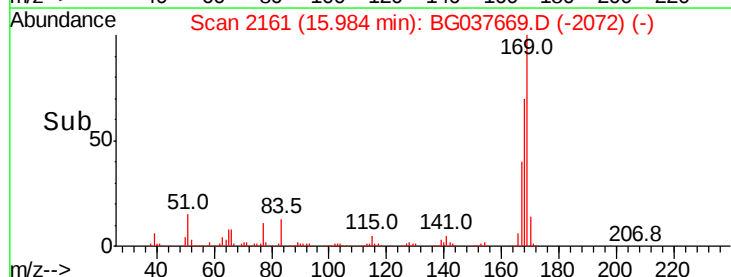
167 39.8 31.3 46.9



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





#67

4-Bromophenyl-phenylether

Concen: 47.737 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

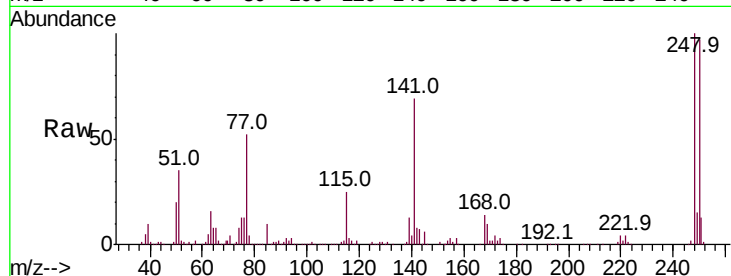
ClientSampleId :

HR-05-102618-AMSD

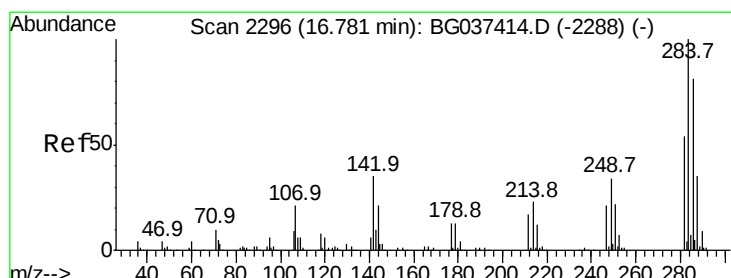
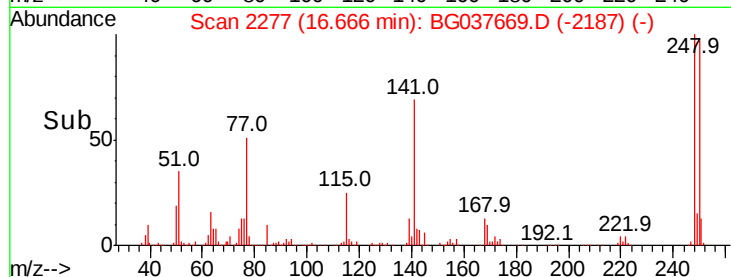
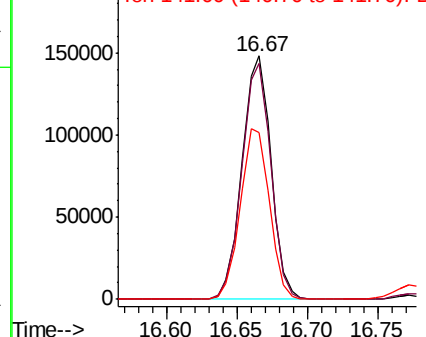
Tot Ion:	248	Resp:	212157
Ion Ratio	Lower	Upper	
248	100		
250	96.8	77.0	115.6
141	68.8	55.5	83.3

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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



#68

Hexachlorobenzene

Concen: 46.040 ng

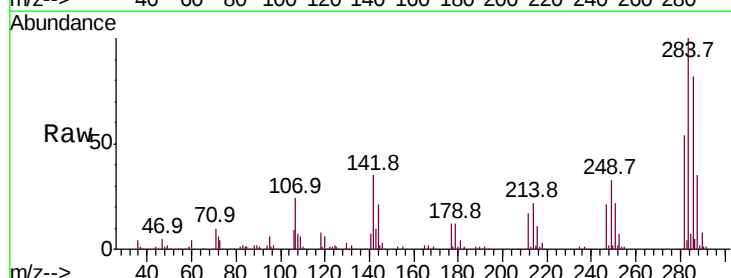
RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

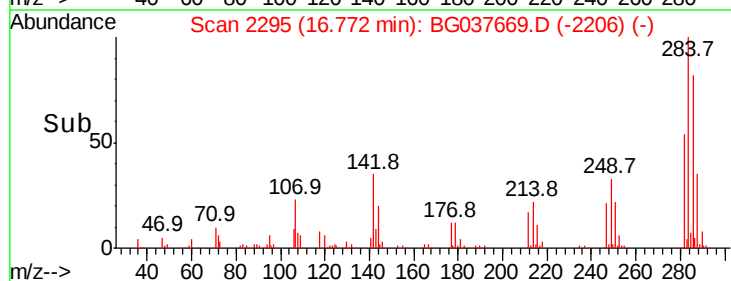
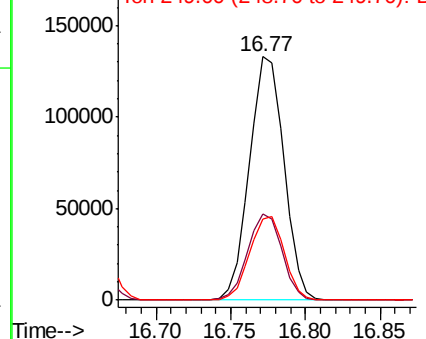
Lab File: BG037669.D

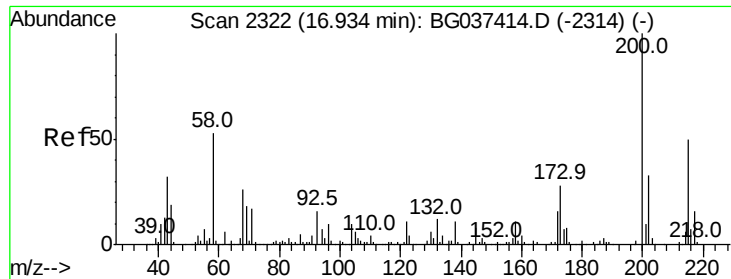
Acq: 31 Oct 2018 1:47

Tgt Ion:	284	Resp:	212065
Ion Ratio	Lower	Upper	
284	100		
142	35.1	28.1	42.1
249	35.9	29.8	44.8



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





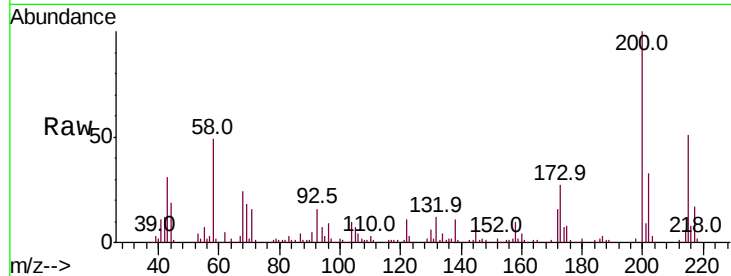
#69
 Atrazine
 Concen: 49.341 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

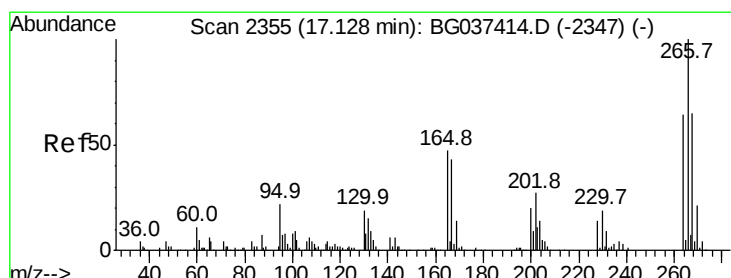
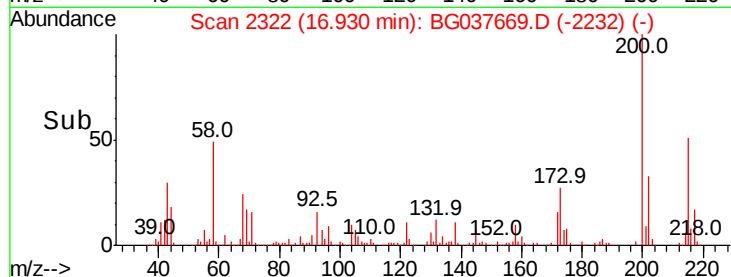
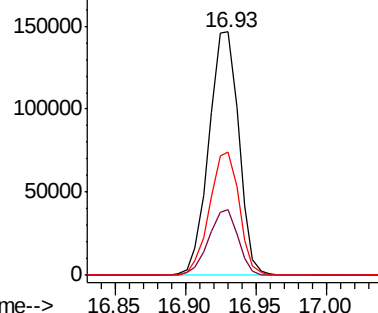
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.1	46.1
215	50.7	30.8	70.8

Manual Integrations
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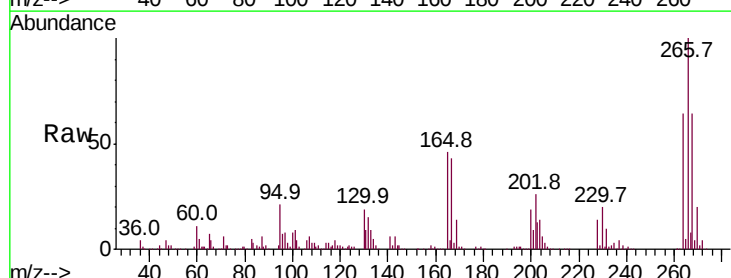


Abundance Ion 200.00 (199.70 to 200.70): E
 200000
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

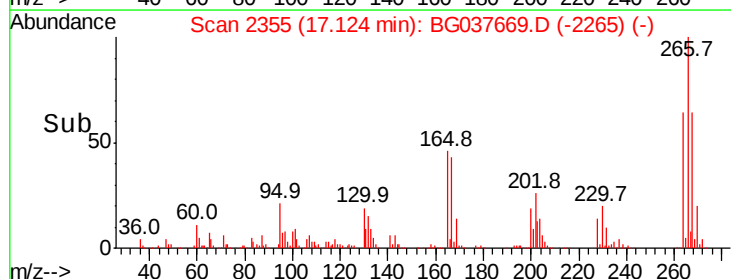
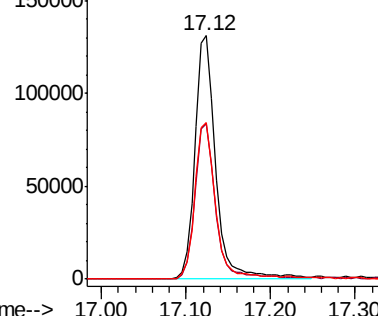


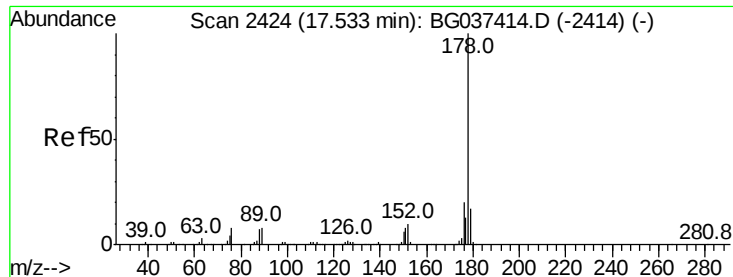
#70
 Pentachlorophenol
 Concen: 72.702 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.0	55.0	82.6
264	69.2	58.9	88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 150000
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





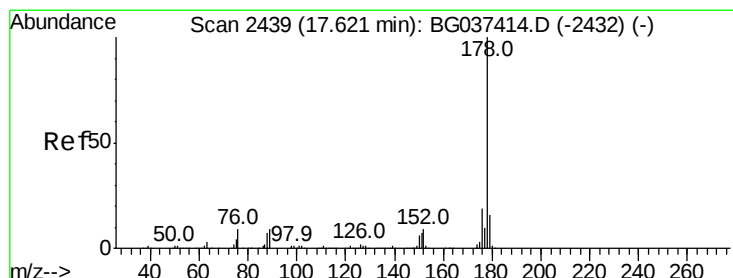
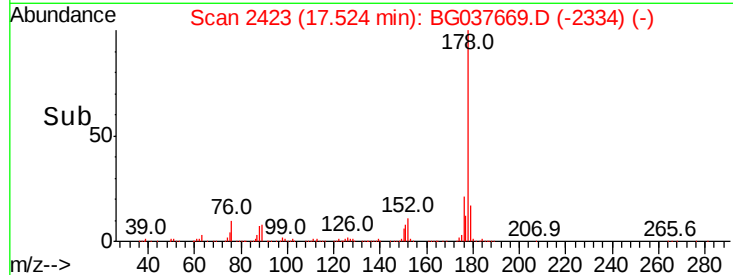
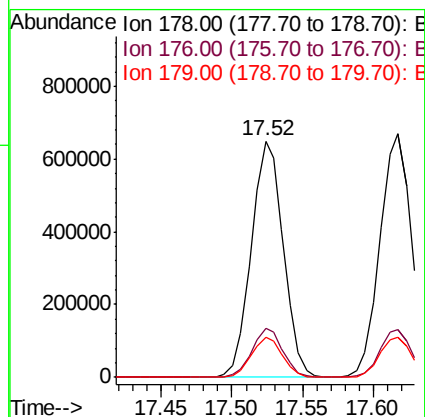
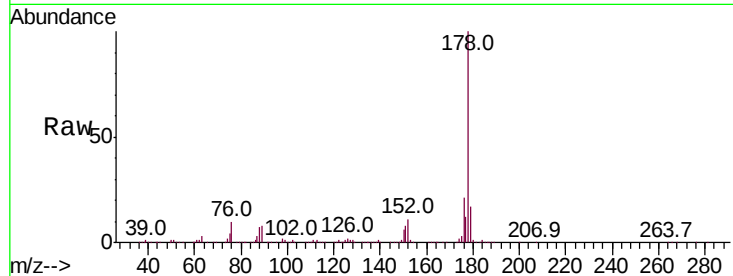
#71
Phenanthrene
Concen: 50.260 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.1	24.1
179	16.8	13.0	19.4

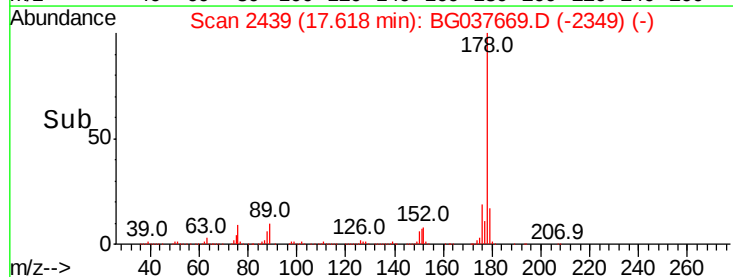
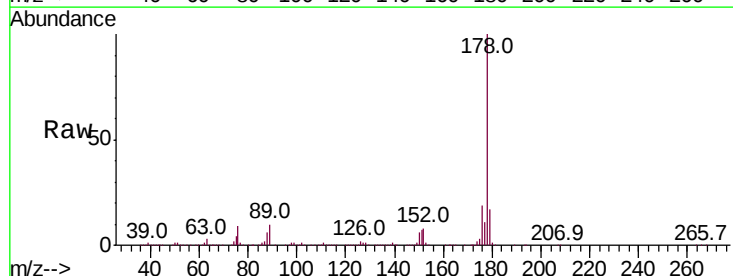
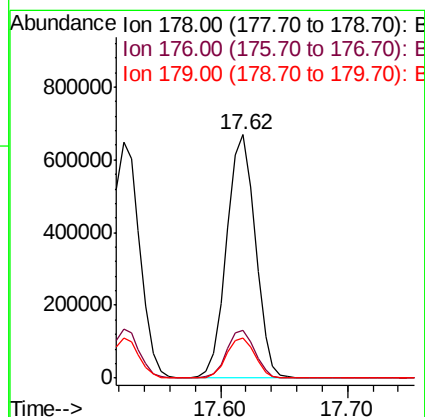
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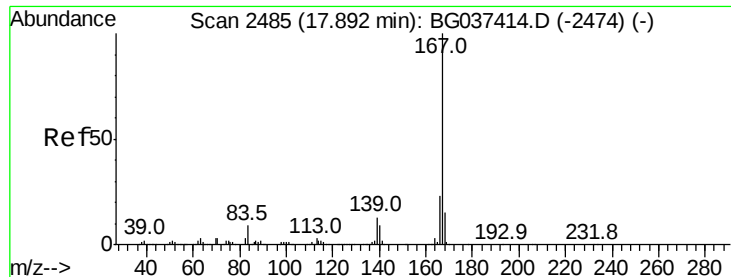
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#72
Anthracene
Concen: 51.850 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	16.5	12.8	19.2





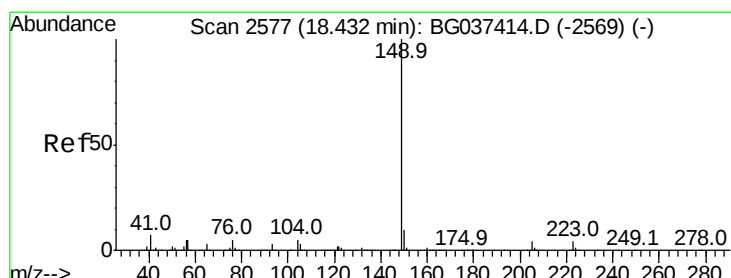
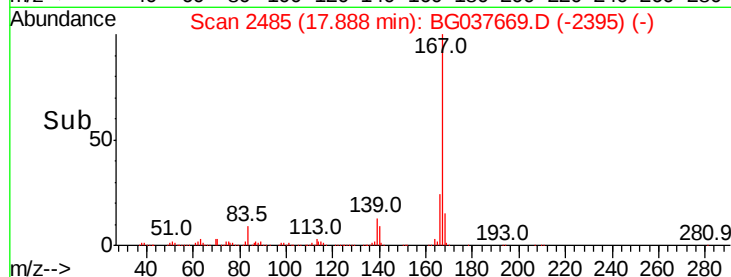
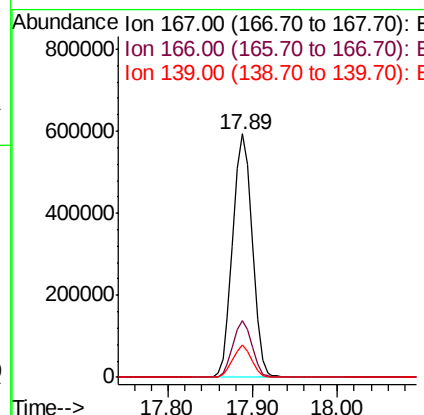
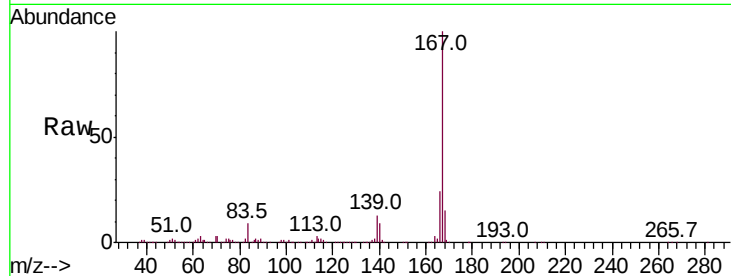
#73
 Carbazole
 Concen: 47.001 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.3	27.5
139	13.1	10.5	15.7

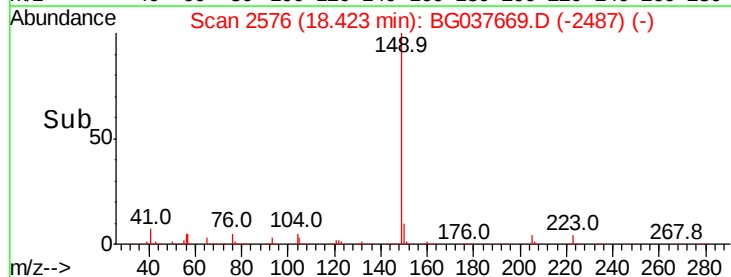
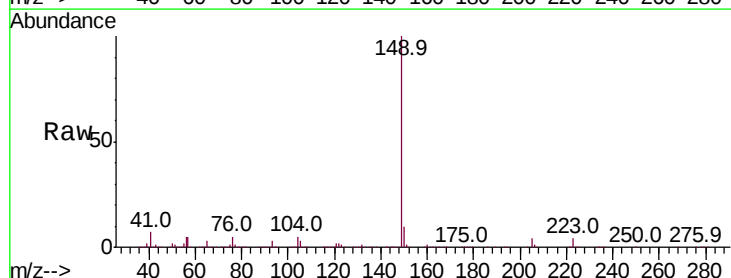
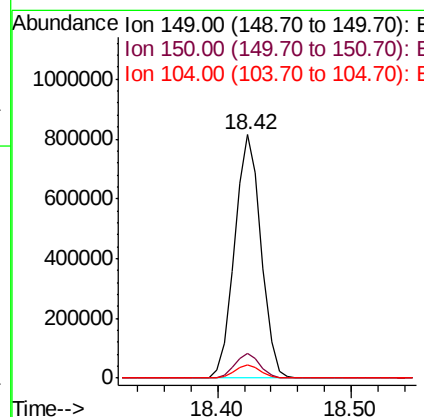
Manual Integrations
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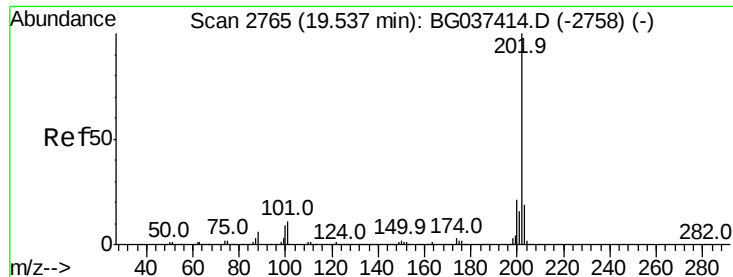
Sohil
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#74
 Di-n-butylphthalate
 Concen: 49.913 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 50.287 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

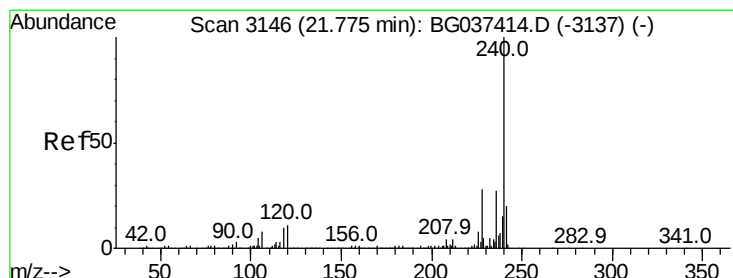
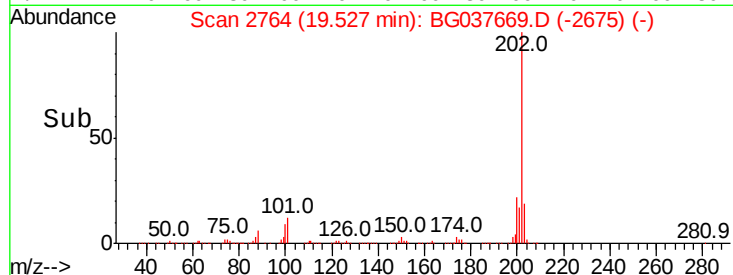
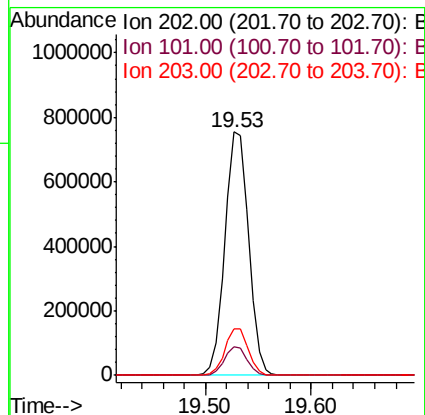
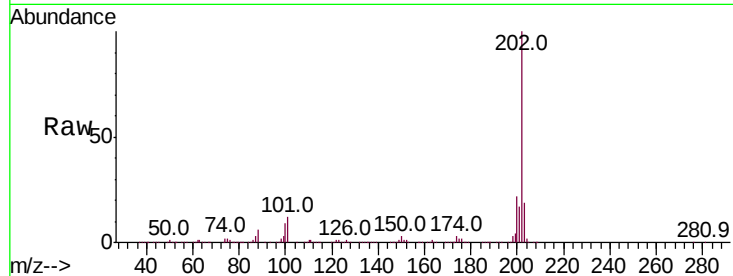
ClientSampleId :

HR-05-102618-AMSD

Tot Ion:	202	Resp:	1173087
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.7
203	19.3	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

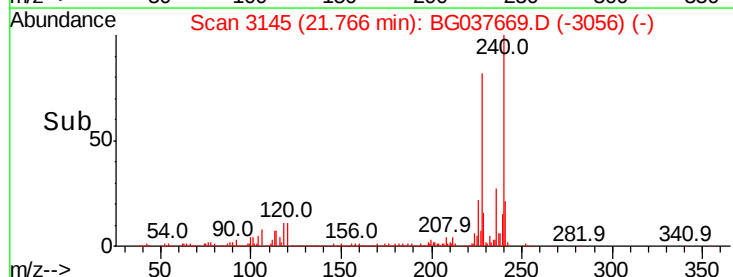
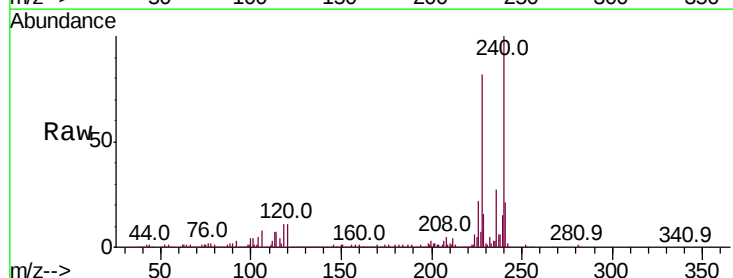
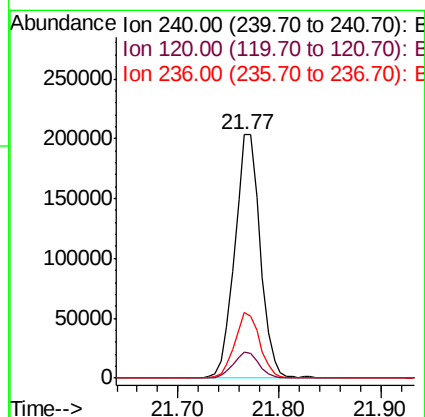
RT: 21.77 min Scan# 3145

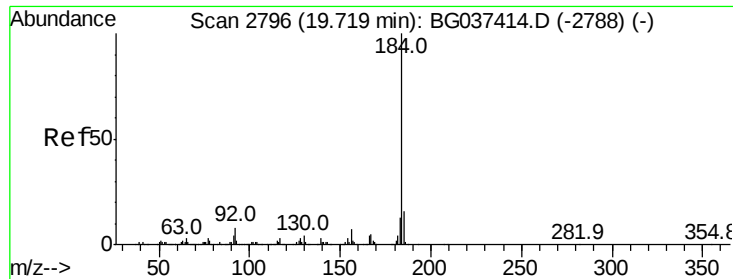
Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:	240	Resp:	355016
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.1	21.4	32.0





#77

Benzidine

Concen: 8.729 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

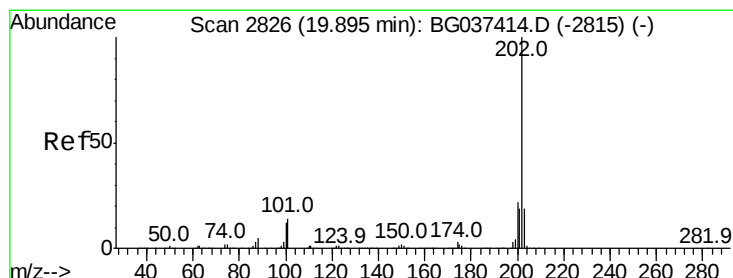
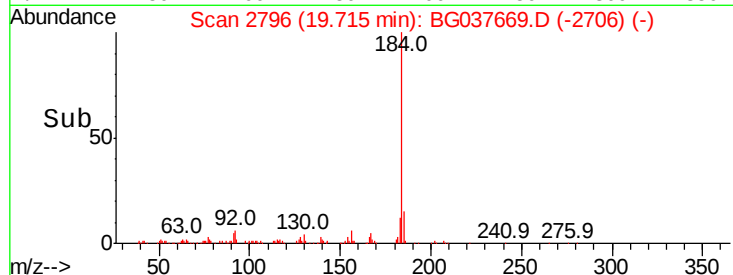
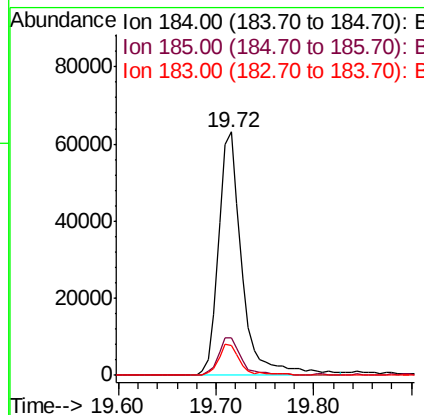
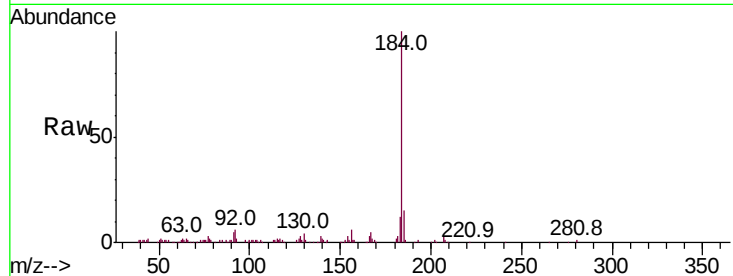
ClientSampleId :

HR-05-102618-AMSD

Tot Ion:	184	Resp:	105377
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	12.4	10.2	15.2

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#78

Pyrene

Concen: 50.169 ng

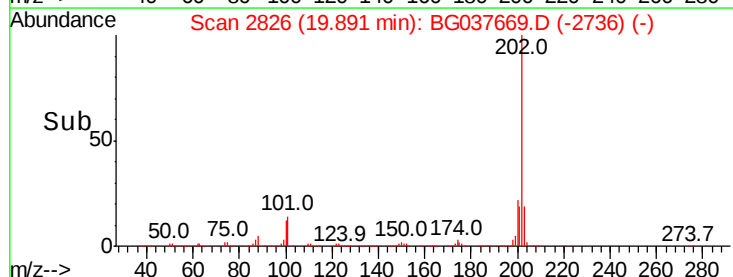
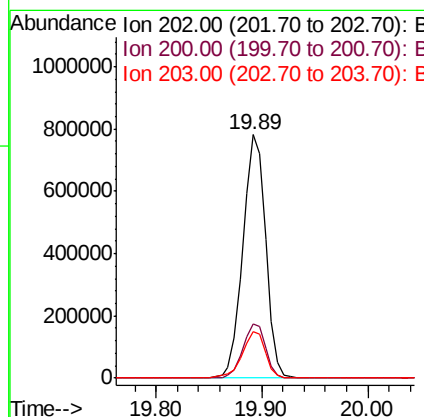
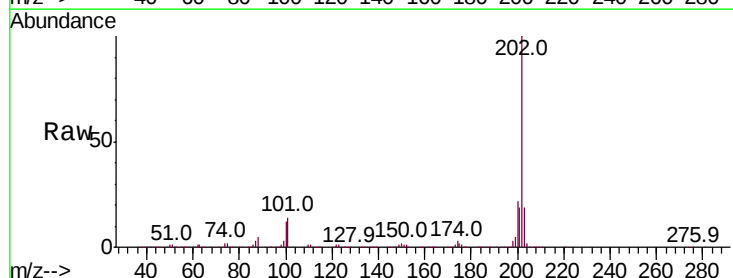
RT: 19.89 min Scan# 2826

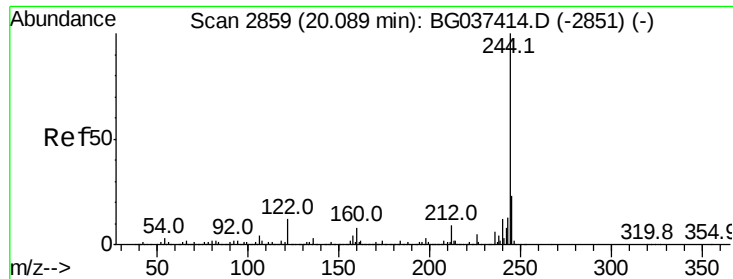
Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:	202	Resp:	1164310
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.6
203	19.2	15.2	22.8





#79

Terphenyl-d14

Concen: 81.656 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

Tot Ion:244 Resp: 1356692

Ion Ratio Lower Upper

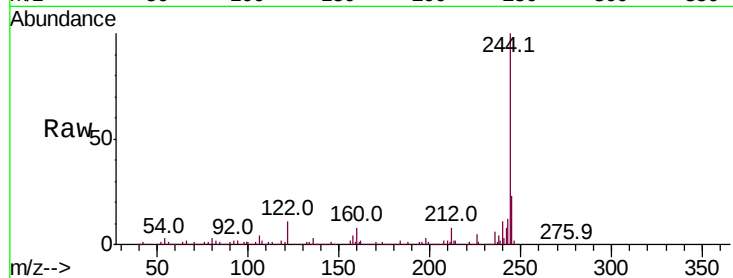
244 100

212 8.4 6.5 9.7

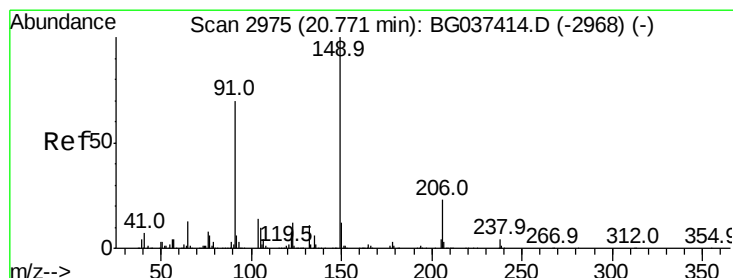
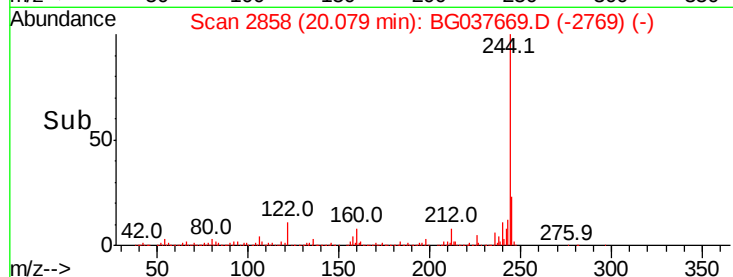
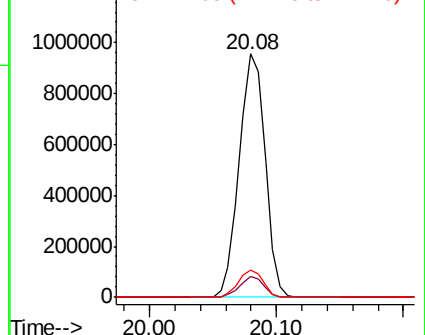
122 11.4 9.0 13.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.799 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

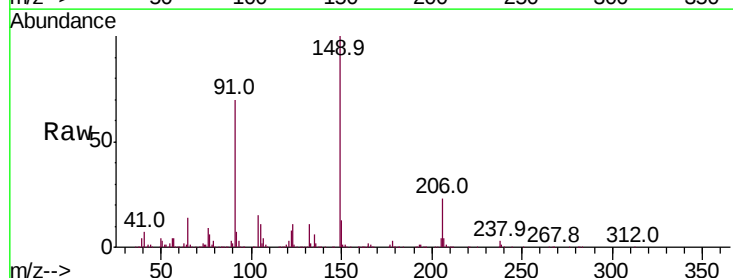
Tgt Ion:149 Resp: 510986

Ion Ratio Lower Upper

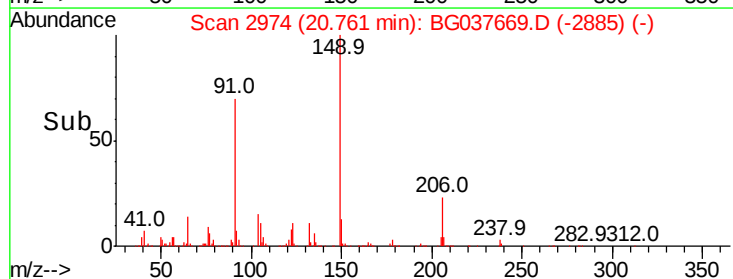
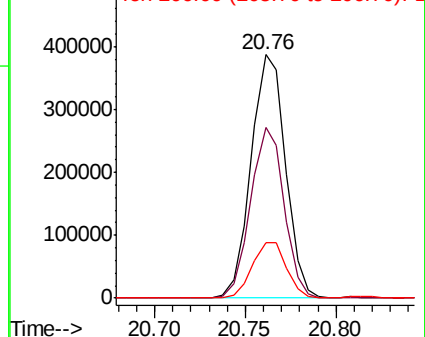
149 100

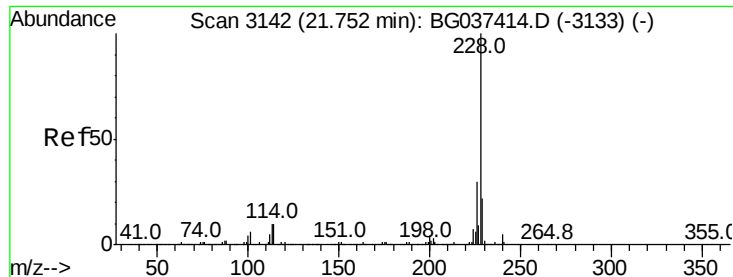
91 70.1 57.0 85.4

206 22.9 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





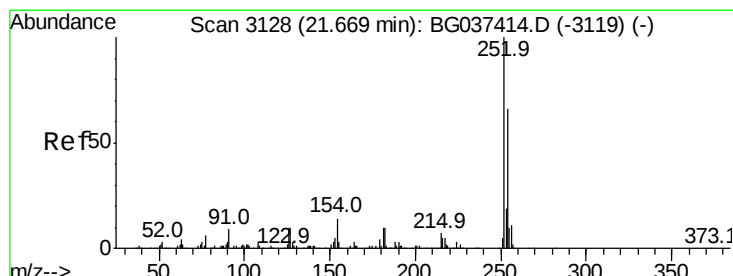
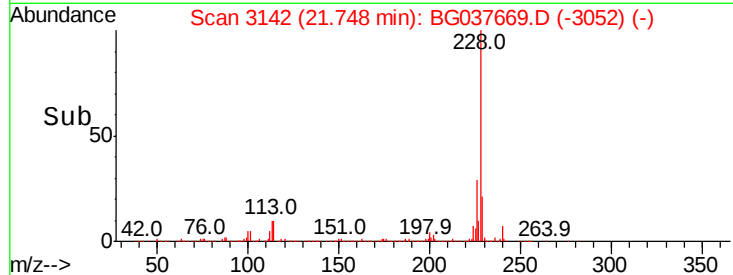
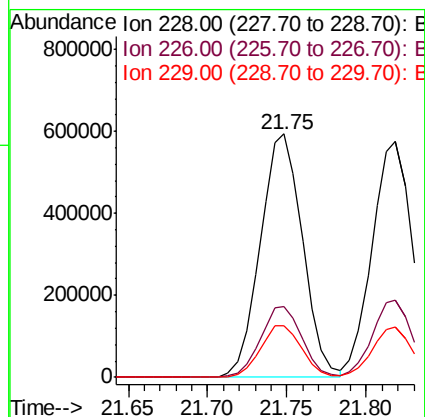
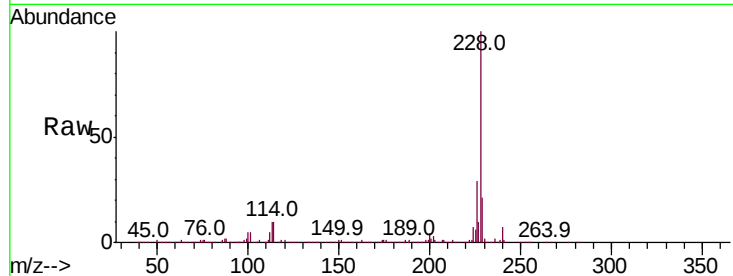
#81
Benzo(a)anthracene
Concen: 52.271 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.1	16.3	24.5

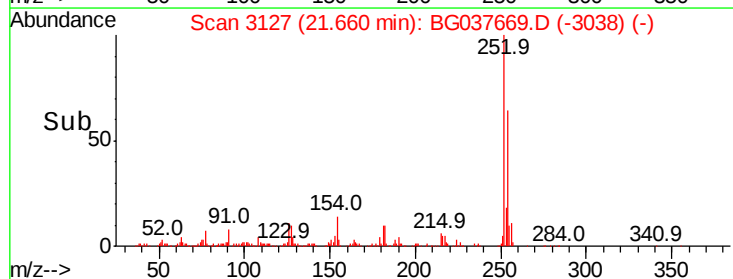
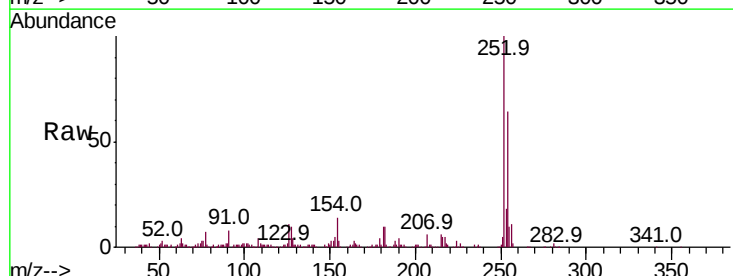
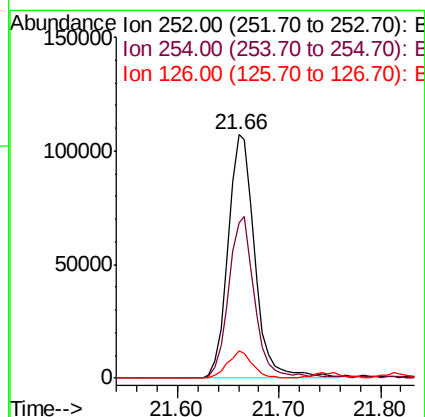
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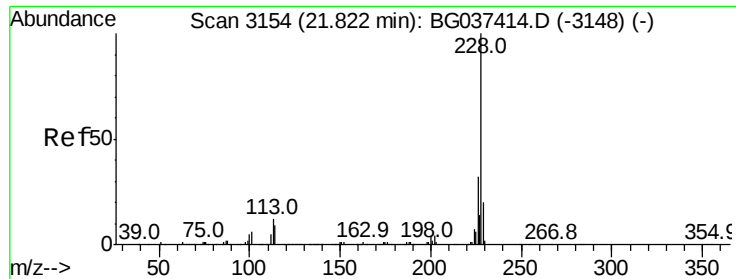
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 24.060 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.0	78.0
126	11.2	8.2	12.4





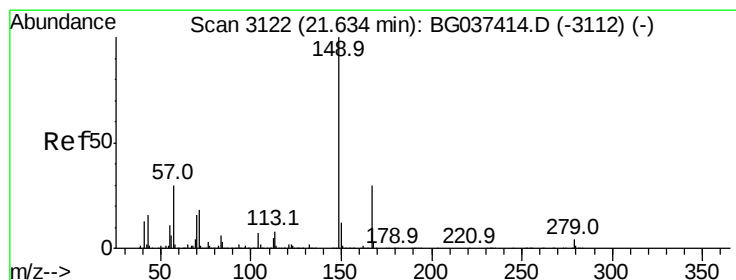
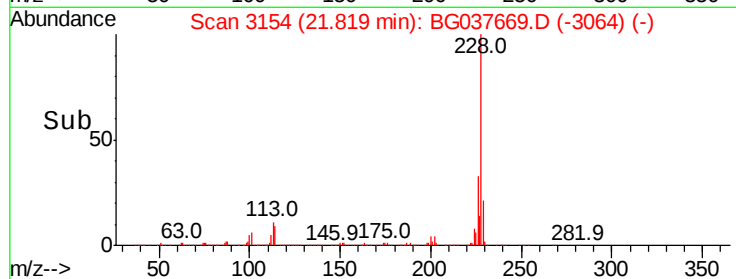
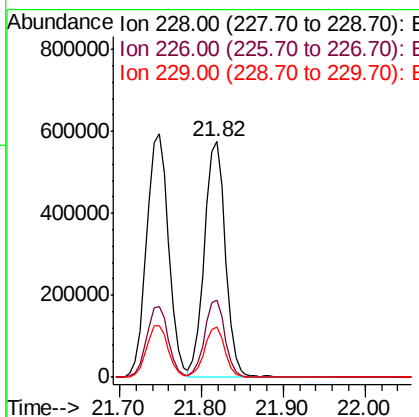
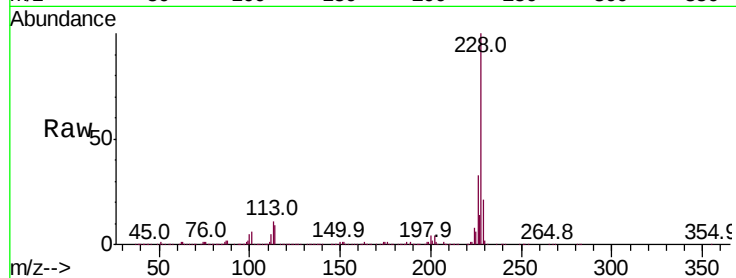
#83
 Chrysene
 Concen: 50.842 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tot Ion:	228	Resp:	1026605
Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.7	38.5
229	21.4	16.5	24.7

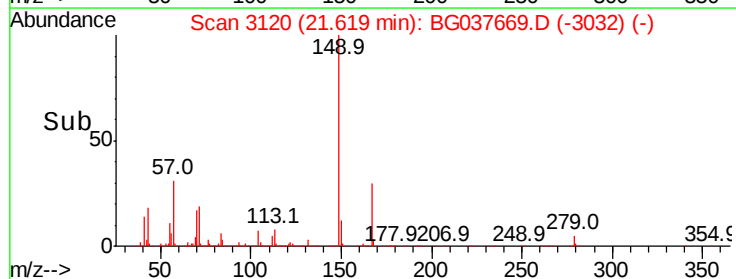
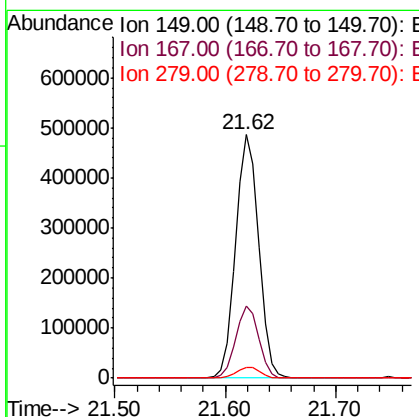
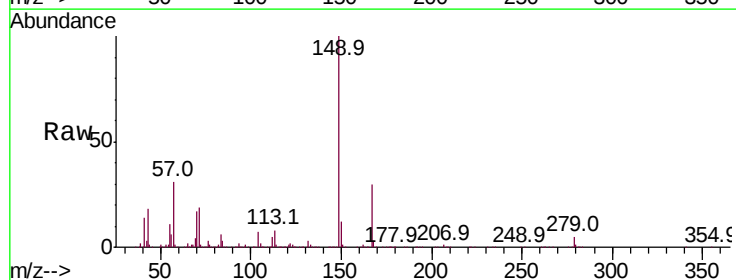
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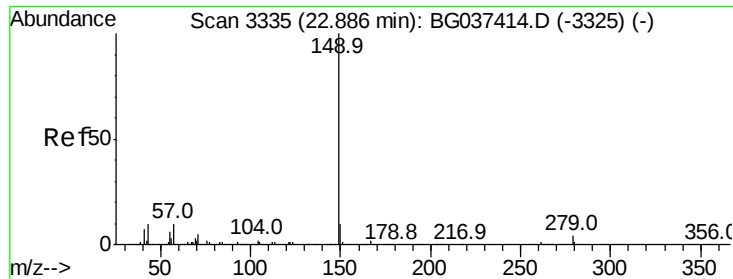
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.699 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion:	149	Resp:	714925
Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.0	34.4
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 55.411 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

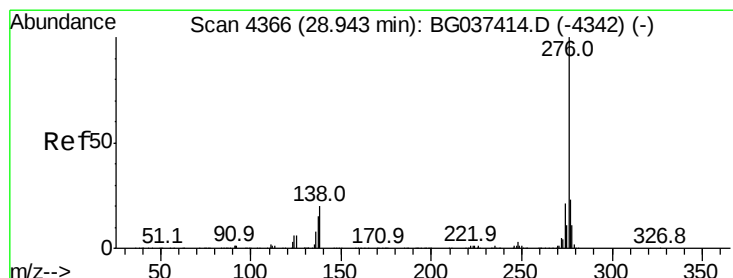
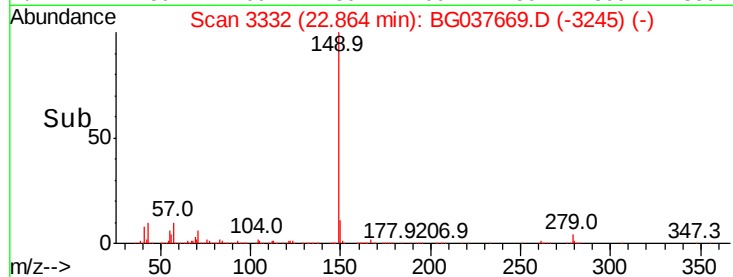
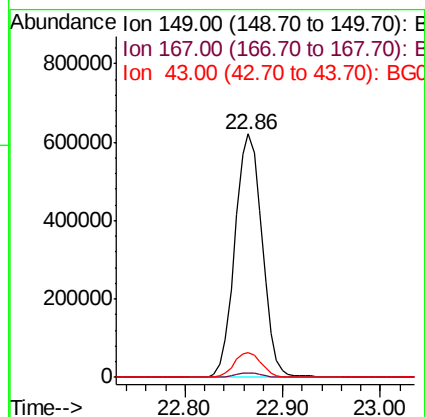
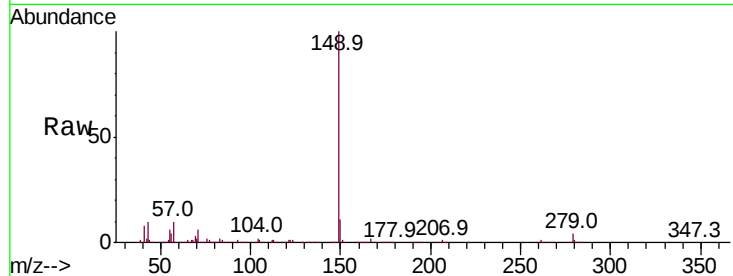
ClientSampleId :

HR-05-102618-AMSD

Tot Ion:	149	Resp:	1202967
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.1	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.663 ng

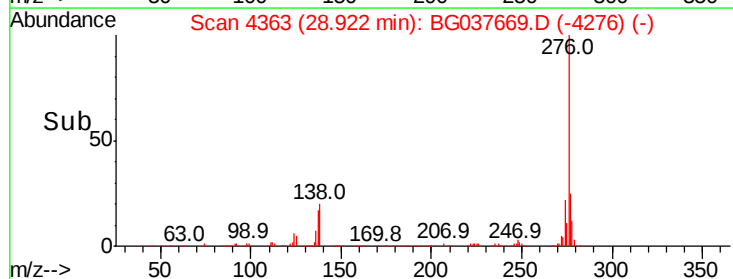
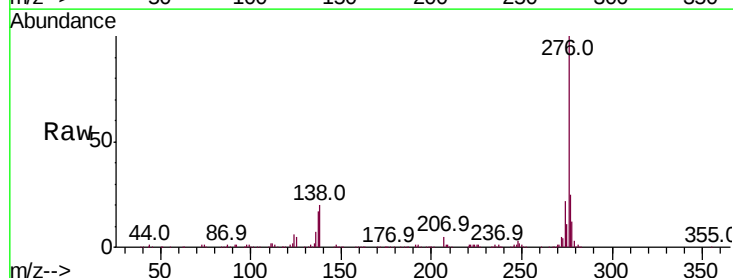
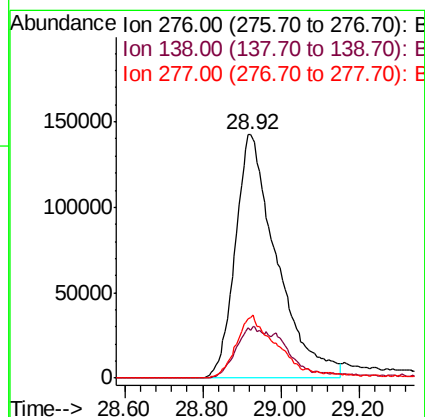
RT: 28.92 min Scan# 4363

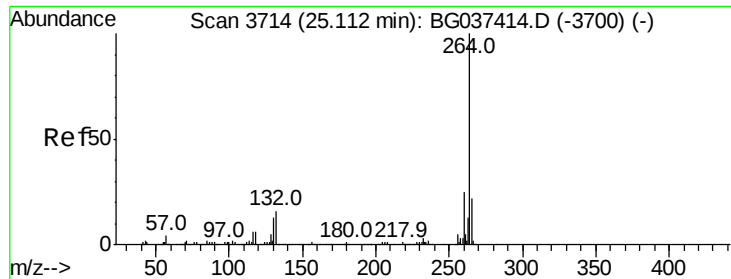
Delta R.T. -0.02 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:	276	Resp:	1053898
Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.0	18.0
277	25.1	20.6	30.8





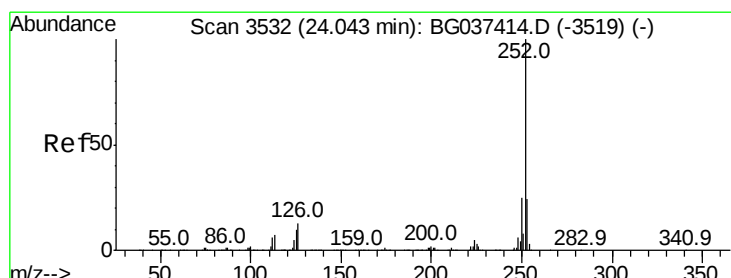
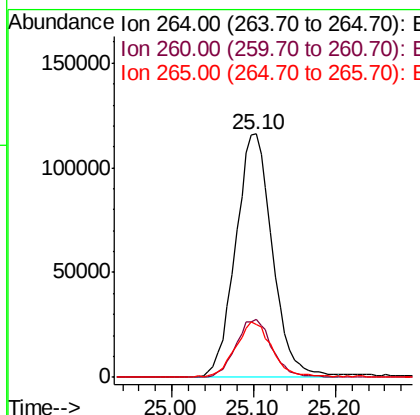
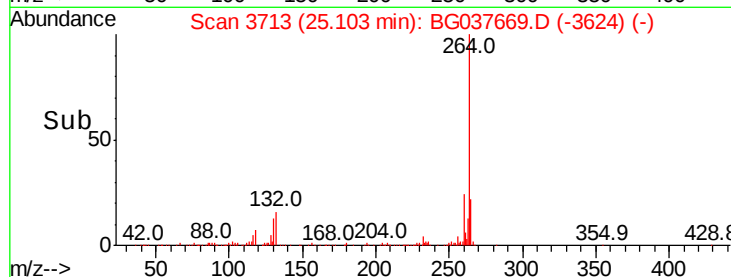
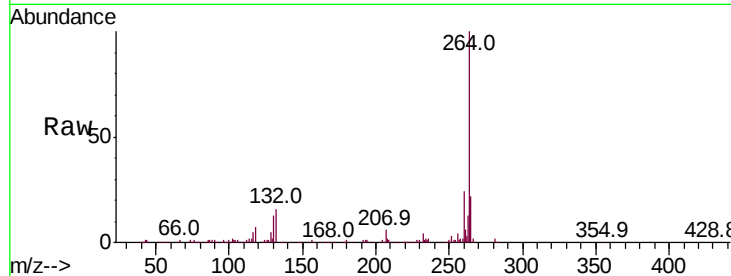
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.9	17.9	26.9

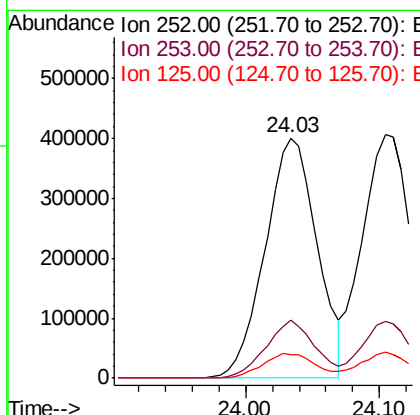
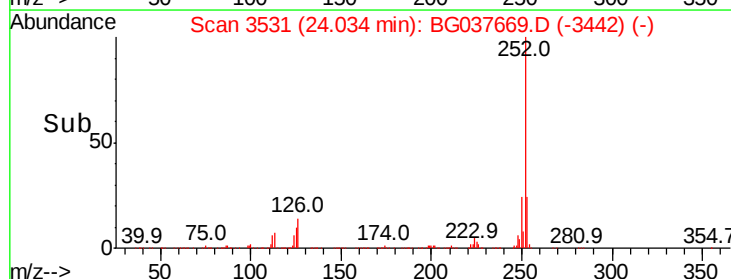
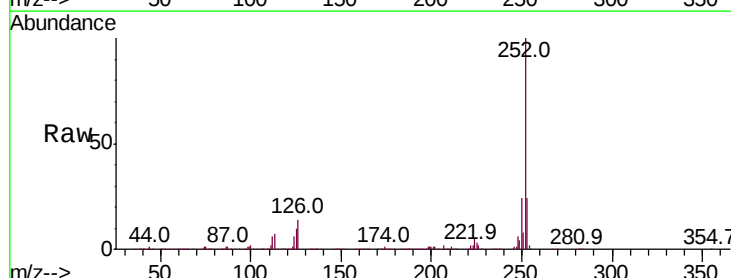
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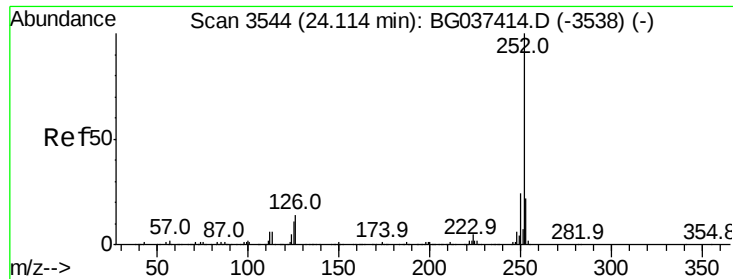
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#88
Benzo(b)fluoranthene
Concen: 54.175 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	10.0	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 53.242 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

Tot Ion:252 Resp: 1042047

Ion Ratio Lower Upper

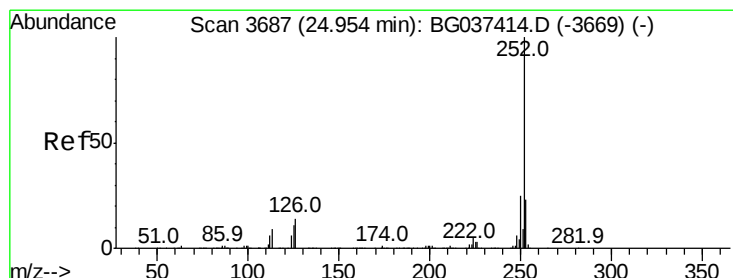
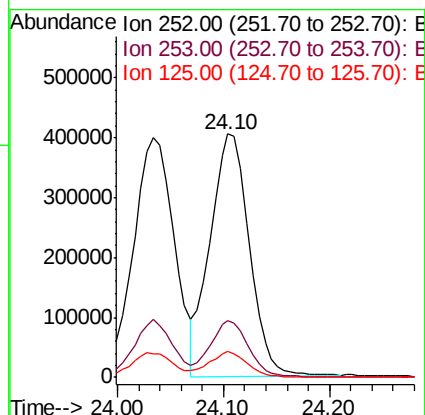
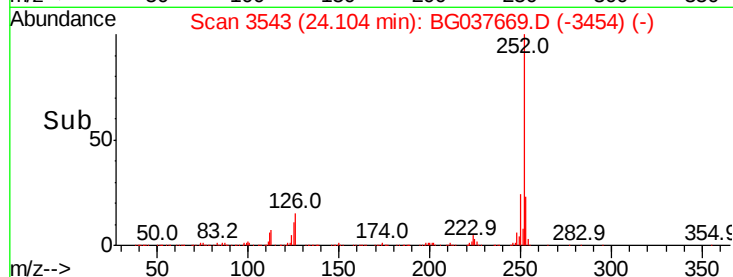
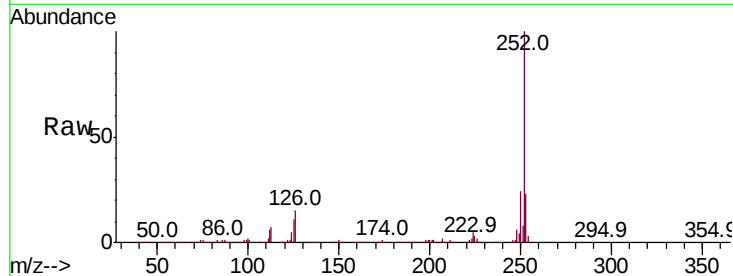
252 100

253 23.1 17.4 26.2

125 10.7 7.4 11.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 54.934 ng

RT: 24.94 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

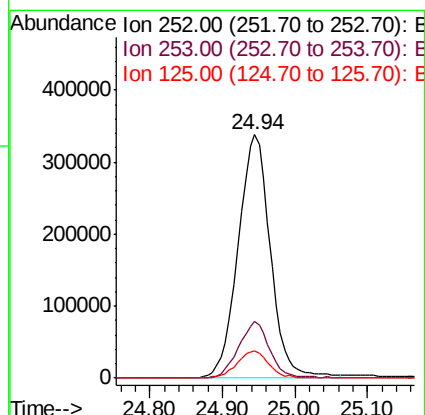
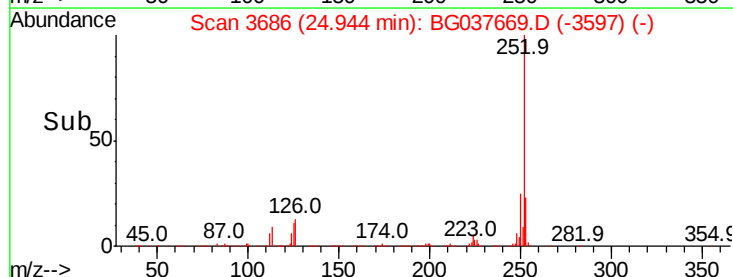
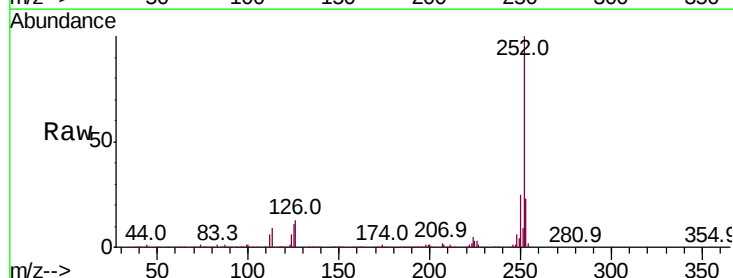
Tgt Ion:252 Resp: 1042799

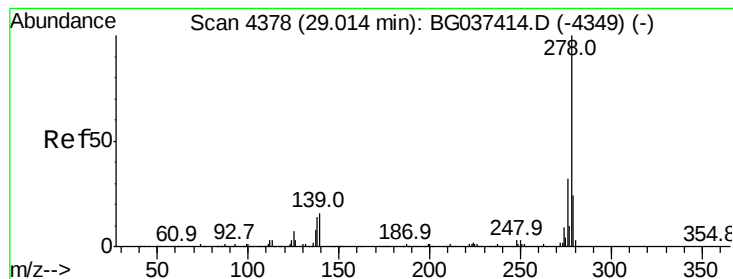
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.989 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

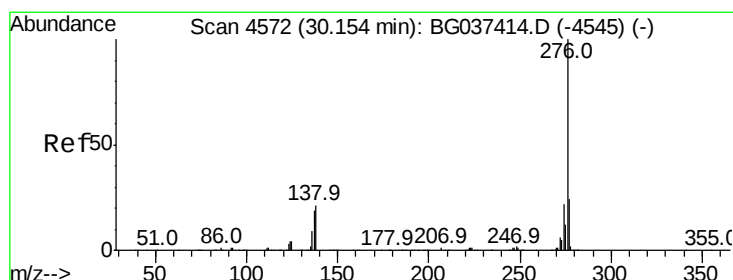
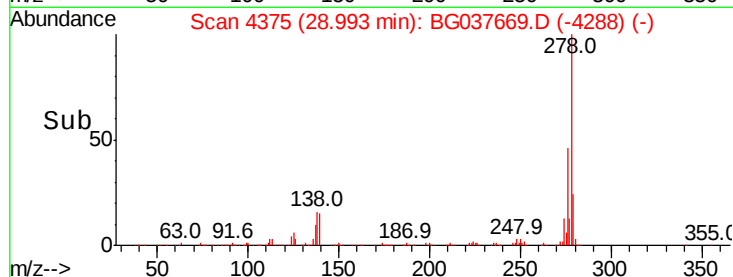
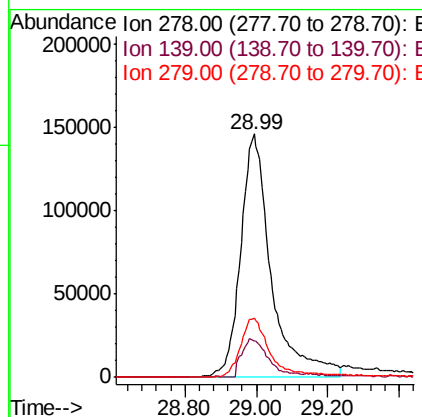
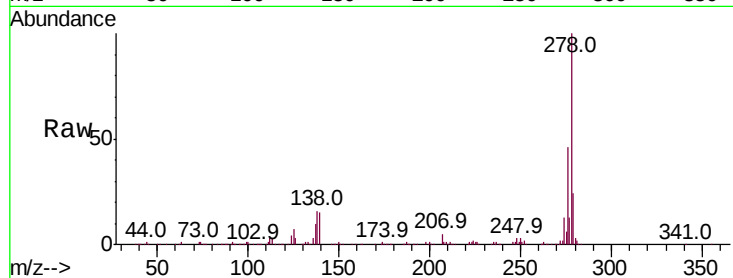
ClientSampleId :

HR-05-102618-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.5	17.3
279	24.4	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:22 AM



#92

Benzo(g,h,i)perylene

Concen: 47.509 ng

RT: 30.14 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	21.5	17.2	25.8

