

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032669.D
 Acq On : 13 Feb 2018 20:28
 Operator : SJ/JU
 Sample : J1397-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Manual Integrations
 APPROVED

Sohil
 2/14/2018 10:31:12 AM

Quant Time: Feb 14 03:30:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	37504	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	161027	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	114098	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	288311	20.00	ng	0.00
75) Chrysene-d12	22.37	240	348381	20.00	ng	0.00
86) Perylene-d12	26.02	264	366522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.11	112	288207	154.18	ng	0.00
7) Phenol-d6	7.80	99	330835	129.43	ng	0.00
23) Nitrobenzene-d5	9.87	82	261140	103.07	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	256003	145.72	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	850908	93.26	ng	0.00
78) Terphenyl-d14	20.59	244	1551369	101.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.79	88	29046	37.145	ng	# 77
3) Pyridine	4.25	79	65954	32.883	ng	# 87
4) n-Nitrosodimethylamine	4.15	42	49449	52.468	ng	# 69
6) Aniline	7.97	93	34935	11.564	ng	# 97
8) 2-Chlorophenol	8.22	128	118385	55.076	ng	# 86
9) Benzaldehyde	7.78	77	22272m	14.744	ng	
10) Phenol	7.82	94	112634	45.309	ng	# 90
11) bis(2-Chloroethyl)ether	8.06	93	87611	43.961	ng	# 80
12) 1,3-Dichlorobenzene	8.55	146	136672	45.083	ng	# 97
13) 1,4-Dichlorobenzene	8.71	146	135279	45.167	ng	# 93
14) 1,2-Dichlorobenzene	9.03	146	136563	45.207	ng	# 95
15) Benzyl Alcohol	8.91	79	97634	50.962	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	9.20	45	98544	45.944	ng	# 77
17) 2-Methylphenol	9.12	107	82449	46.832	ng	# 93
18) Hexachloroethane	9.79	117	49266	45.049	ng	# 86
19) n-Nitroso-di-n-propylamine	9.49	70	80373	46.773	ng	# 92
20) 3+4-Methylphenols	9.45	107	118054	44.367	ng	# 90
22) Acetophenone	9.51	105	164553	48.049	ng	# 94
24) Nitrobenzene	9.92	77	121936	45.965	ng	# 89
25) Isophorone	10.43	82	228368	47.275	ng	# 83
26) 2-Nitrophenol	10.64	139	69573	49.035	ng	# 85
27) 2,4-Dimethylphenol	10.67	122	108367	58.134	ng	# 95
28) bis(2-Chloroethoxy)methane	10.91	93	120806	48.921	ng	# 98
29) 2,4-Dichlorophenol	11.18	162	140071	51.340	ng	# 91
30) 1,2,4-Trichlorobenzene	11.40	180	164333	42.964	ng	# 96
31) Naphthalene	11.60	128	369876	47.305	ng	# 99
32) Benzoic acid	10.77	122	6567	8.378	ng	# 43
33) 4-Chloroaniline	11.71	127	14381	4.635	ng	# 95
34) Hexachlorobutadiene	11.87	225	129345	41.262	ng	# 95
35) Caprolactam	12.45	113	25538	32.962	ng	# 61
36) 4-Chloro-3-methylphenol	12.78	107	131527	53.595	ng	# 87
37) 2-Methylnaphthalene	13.17	142	301674	47.566	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	241372	44.790	ng	# 96
40) Hexachlorocyclopentadiene	13.49	237	303776	89.075	ng	# 93

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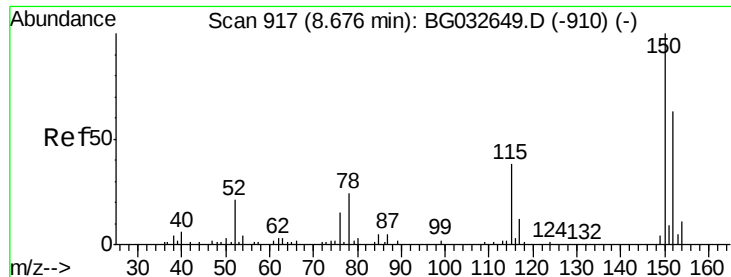
Manual Integrations
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 2/14/2018 10:31:12 AM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
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 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	137110	50.976	nq	99
43) 2,4,5-Trichlorophenol	13.83	196	152764	45.575	nq #	93
45) 1,1'-Biphenyl	14.15	154	428260	45.617	nq	97
46) 2-Chloronaphthalene	14.20	162	333057	44.832	nq	96
47) 2-Nitroaniline	14.39	65	77074	47.695	nq	88
48) Acenaphthylene	15.03	152	492651	45.075	nq	99
49) Dimethylphthalate	14.74	163	447380	45.361	nq	100
50) 2,6-Dinitrotoluene	14.87	165	99433	48.953	nq #	79
51) Acenaphthene	15.37	154	324815	43.517	nq	98
52) 3-Nitroaniline	15.21	138	22818	12.721	nq #	91
53) 2,4-Dinitrophenol	15.42	184	16059	24.017	nq #	84
54) Dibenzofuran	15.70	168	527056	47.461	nq	97
55) 4-Nitrophenol	15.50	139	102046	76.934	nq #	78
56) 2,4-Dinitrotoluene	15.65	165	135797	48.521	nq #	74
57) Fluorene	16.35	166	423708	46.395	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.92	232	158385	50.189	nq #	83
59) Diethylphthalate	16.09	149	435549	45.386	nq	97
60) 4-Chlorophenyl-phenylether	16.33	204	276928	45.927	nq	93
61) 4-Nitroaniline	16.37	138	65469	35.402	nq	81
62) Azobenzene	16.62	77	286809	46.518	nq	87
64) 4,6-Dinitro-2-methylphenol	16.41	198	26585	16.374	nq	79
65) n-Nitrosodiphenylamine	16.54	169	384343	45.454	nq	99
66) 4-Bromophenyl-phenylether	17.22	248	194268	47.082	nq	95
67) Hexachlorobenzene	17.35	284	197113	44.478	nq #	89
68) Atrazine	17.47	200	174518	48.120	nq	97
69) Pentachlorophenol	17.69	266	136765	50.410	nq	97
70) Phenanthrene	18.09	178	709174	45.790	nq	100
71) Anthracene	18.18	178	746186	47.087	nq	99
72) Carbazole	18.44	167	612275	45.316	nq	98
73) Di-n-butylphthalate	18.95	149	695485	45.717	nq #	98
74) Fluoranthene	20.06	202	939331	45.431	nq	95
76) Benzidine	20.23	184	100897	12.299	nq	98
77) Pyrene	20.42	202	951493	45.908	nq	99
79) Butylbenzylphthalate	21.27	149	324831	47.576	nq #	78
80) Benzo(a)anthracene	22.35	228	1005262	46.086	nq	99
81) 3,3'-Dichlorobenzidine	22.24	252	88693	10.888	nq #	96
82) Chrysene	22.43	228	948589	44.104	nq	99
83) Bis(2-ethylhexyl)phthalate	22.19	149	442226	44.916	nq #	97
84) Di-n-octyl phthalate	23.55	149	768160	49.728	nq #	90
85) Indeno(1,2,3-cd)pyrene	30.25	276	1212406	47.584	nq #	87
87) Benzo(b)fluoranthene	24.85	252	1020102	46.702	nq #	95
88) Benzo(k)fluoranthene	24.93	252	1050784	46.483	nq #	96
89) Benzo(a)pyrene	25.85	252	1026466	48.237	nq #	95
90) Dibenzo(a,h)anthracene	30.32	278	1011158	47.730	nq #	92
91) Benzo(g,h,i)perylene	31.58	276	995913	48.631	nq #	91

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



#1

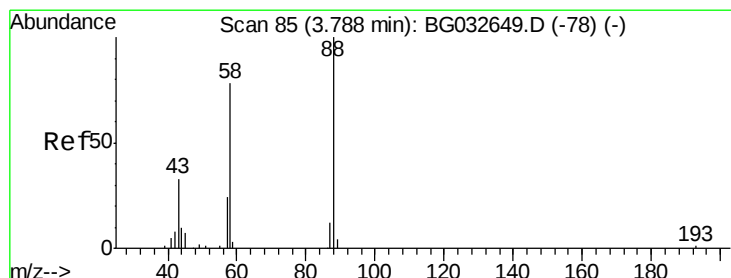
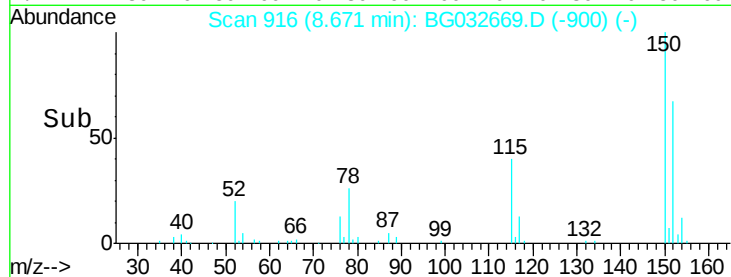
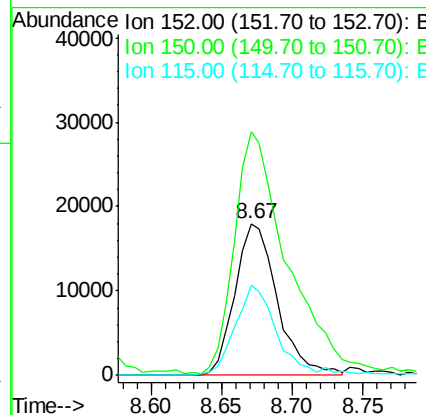
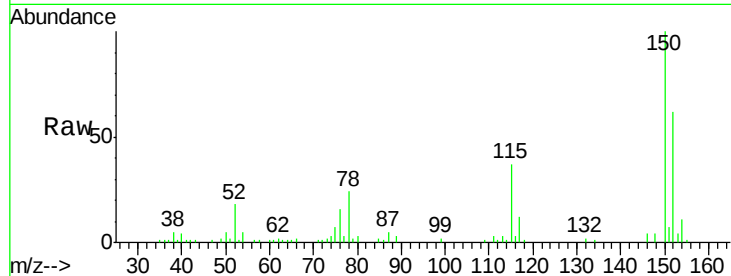
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.6	189.8
115	59.7	53.0	79.4

Manual Integrations
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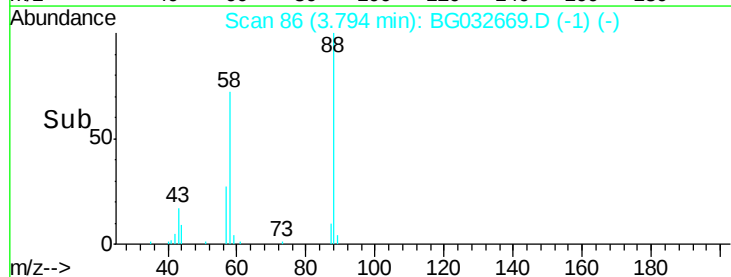
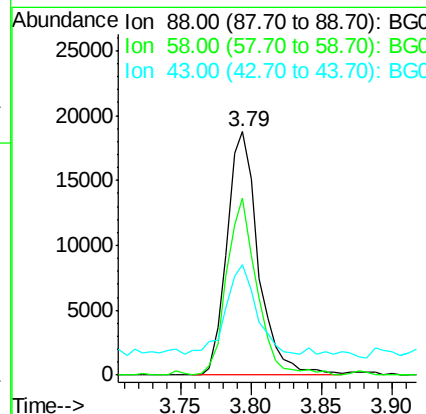
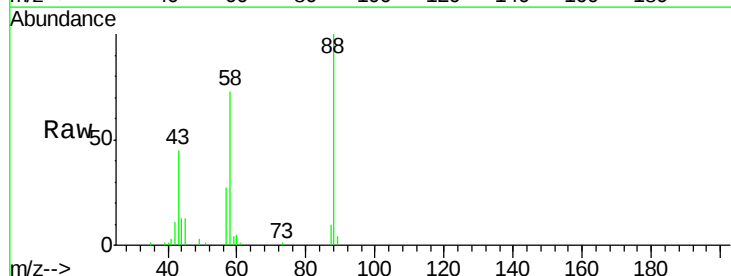
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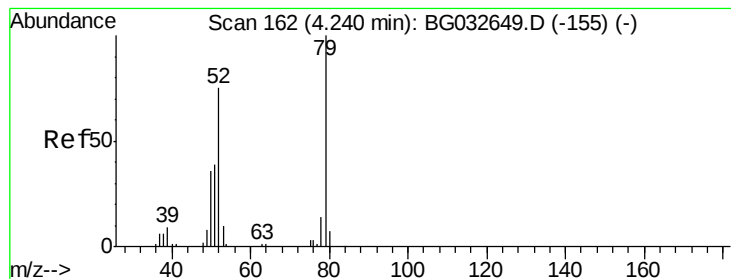


#2

1,4-Dioxane
Concen: 37.145 ng
RT: 3.79 min Scan# 86
Delta R.T. 0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	79.6	119.4#
43	35.7	27.4	41.0





#3

Pvridine

Concen: 32.883 ng

RT: 4.25 min Scan# 163

Delta R.T. 0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

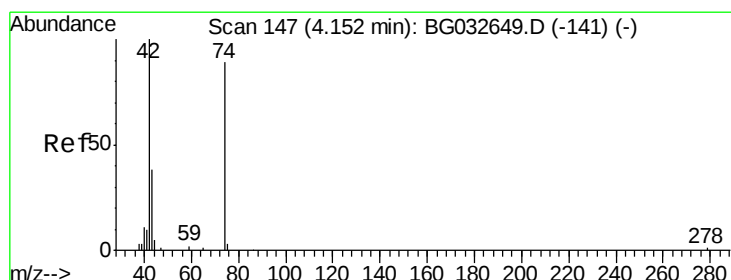
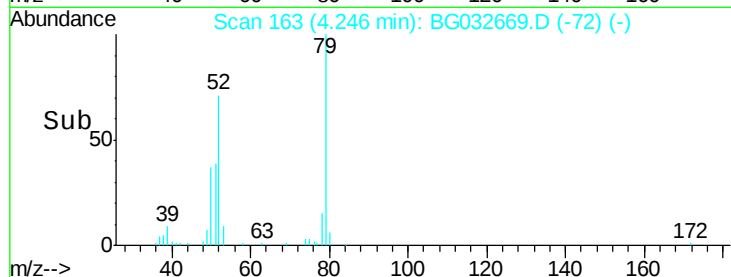
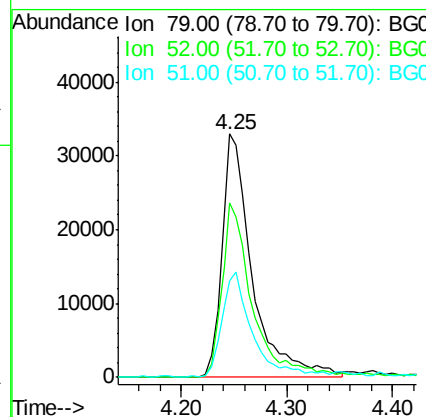
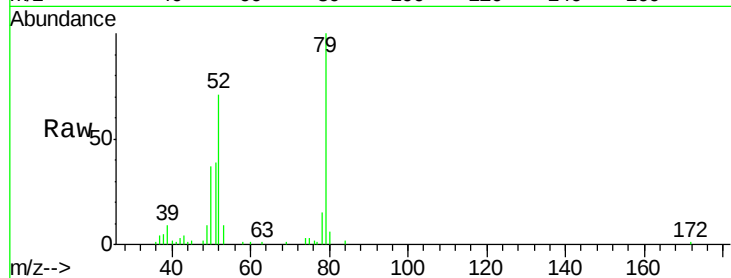
ClientSampleId :

CL-01-021218-AMSD

Tot Ion:	79	Resp:	65954
Ion	Ratio	Lower	Upper
79	100		
52	71.5	69.9	104.9
51	39.4	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 52.468 ng

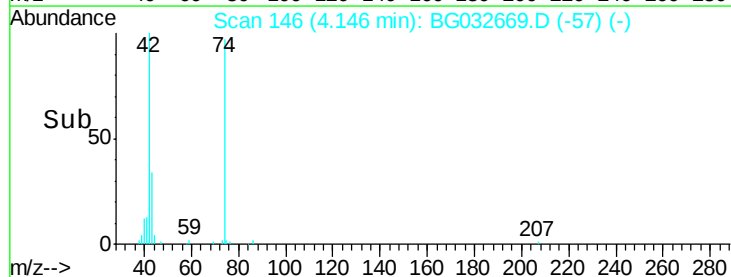
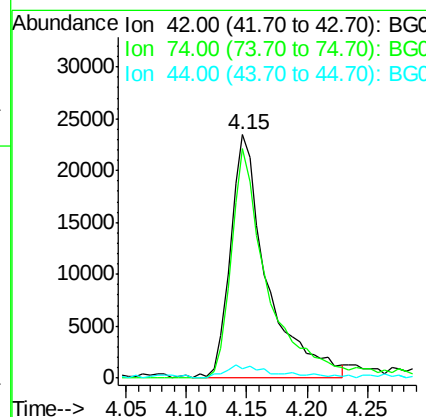
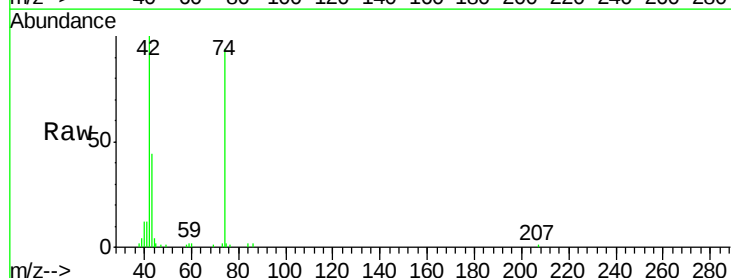
RT: 4.15 min Scan# 146

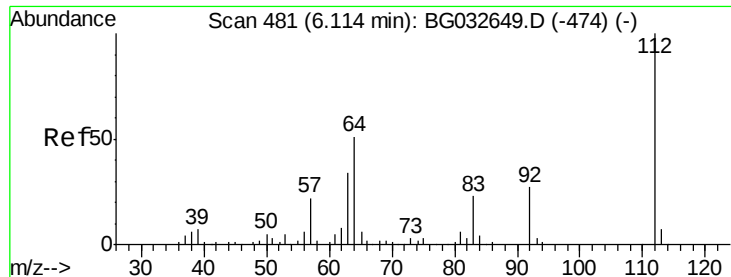
Delta R.T. -0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion:	42	Resp:	49449
Ion	Ratio	Lower	Upper
42	100		
74	94.3	102.5	153.7#
44	3.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 154.182 ng

RT: 6.11 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

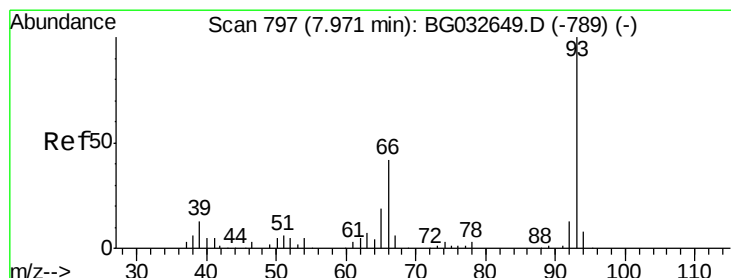
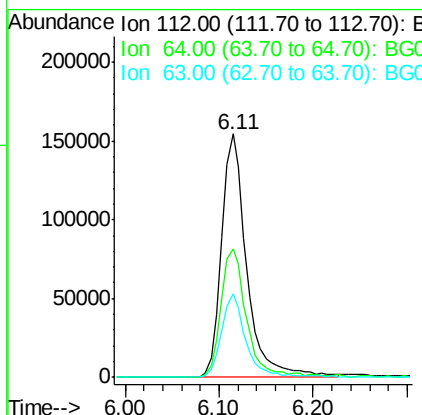
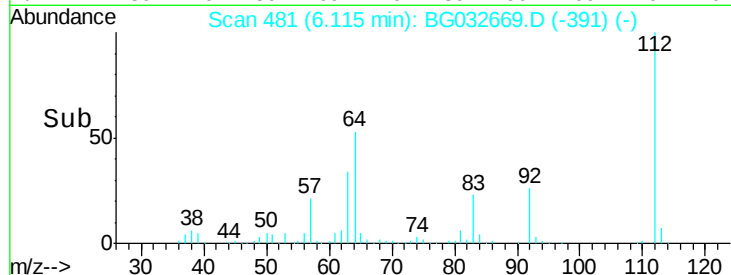
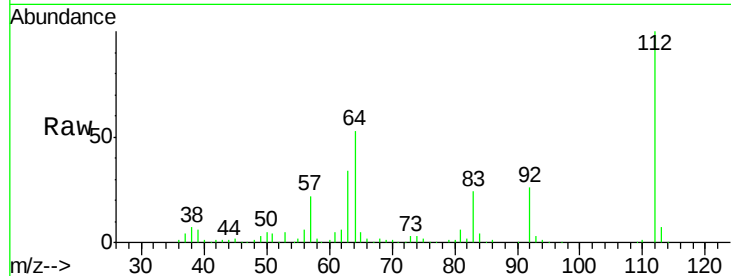
ClientSampleId :

CL-01-021218-AMSD

Tot Ion:	112	Resp:	288207
Ion Ratio	Lower	Upper	
112	100		
64	52.6	56.3	84.5#
63	34.1	30.1	45.1

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#6

Aniline

Concen: 11.564 ng

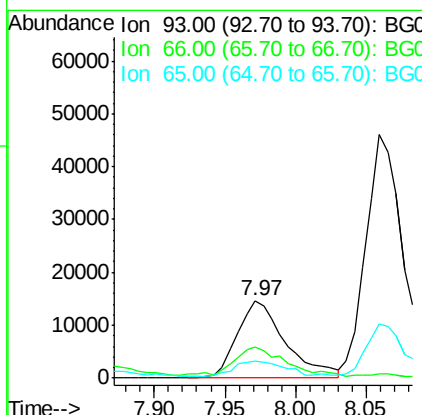
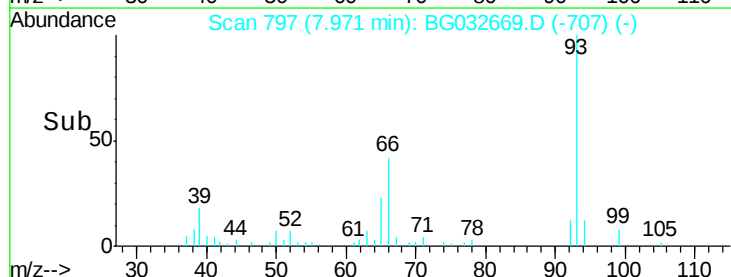
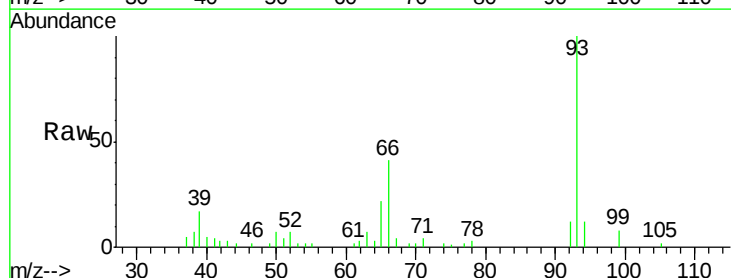
RT: 7.97 min Scan# 797

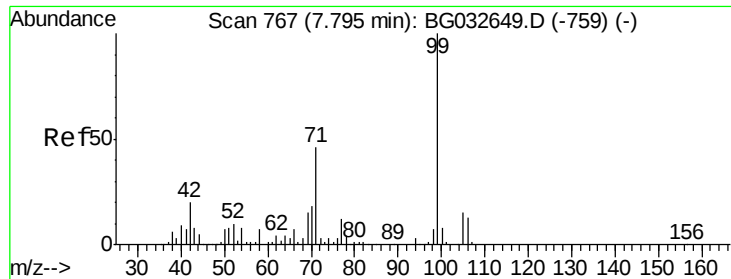
Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion:	93	Resp:	34935
Ion Ratio	Lower	Upper	
93	100		
66	40.9	33.7	50.5
65	22.2	16.1	24.1





#7

Phenol-d6

Concen: 129.434 ng

RT: 7.80 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-AMSD

Tot Ion: 99 Resp: 330835

Ion Ratio Lower Upper

99 100

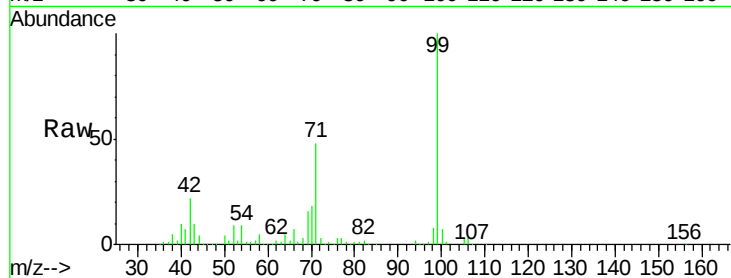
42 21.7 14.1 21.1#

71 47.7 26.1 39.1#

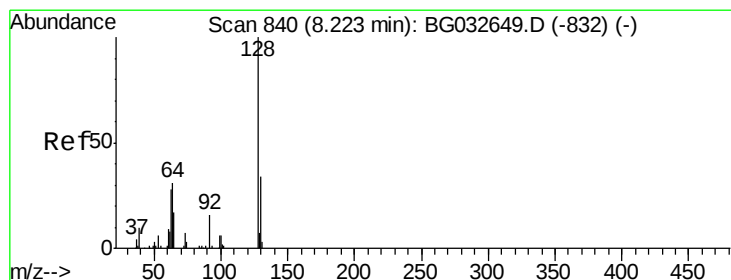
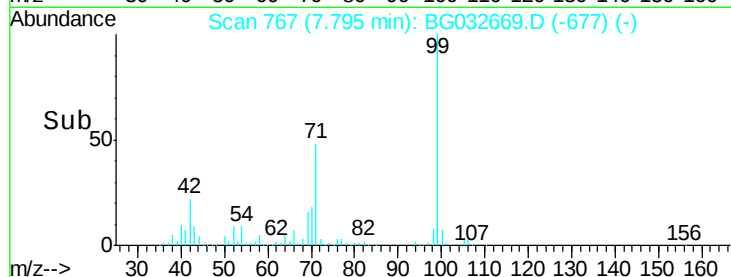
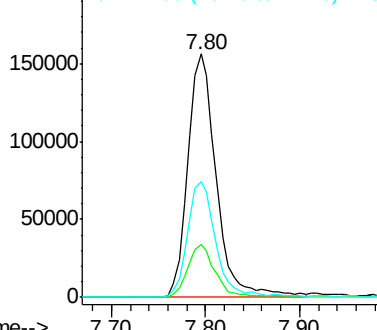
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 55.076 ng

RT: 8.22 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

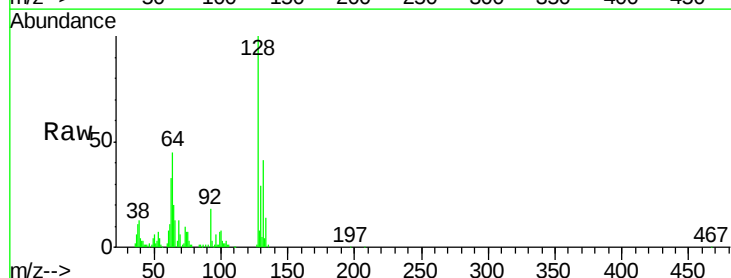
Tgt Ion:128 Resp: 118385

Ion Ratio Lower Upper

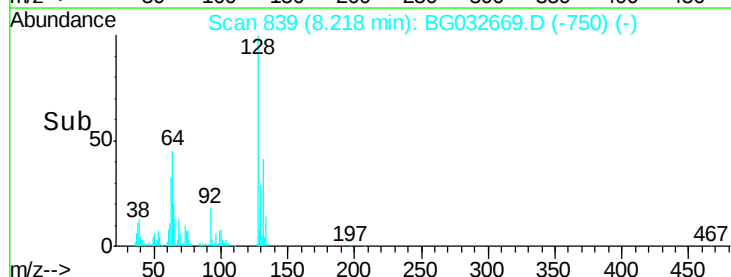
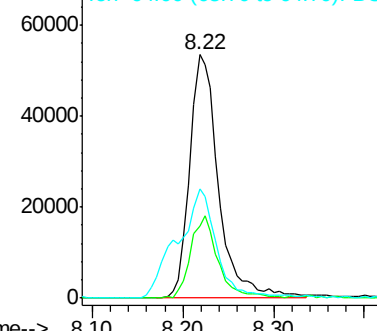
128 100

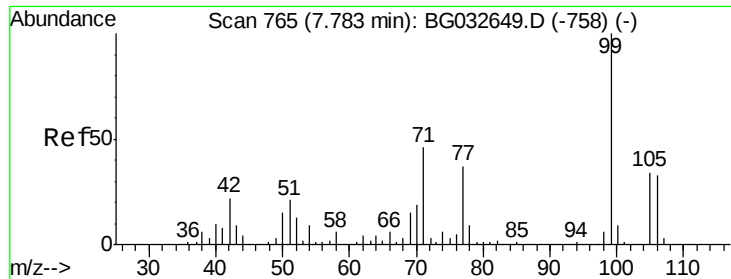
130 29.5 14.0 54.0

64 44.7 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.744 ng/mL

RT: 7.78 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-AMSD

Tot Ion: 77 Resp: 22272

Ion Ratio Lower Upper

77 100

105 91.1 71.3 111.3

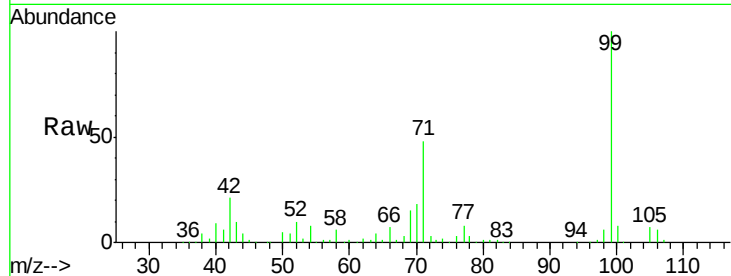
106 77.0 64.2 104.2

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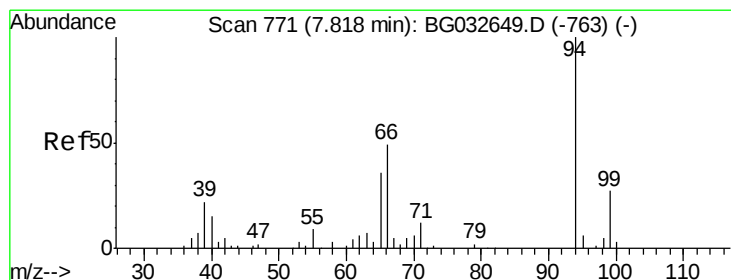
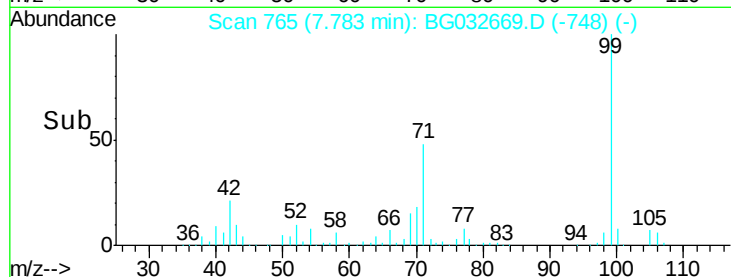
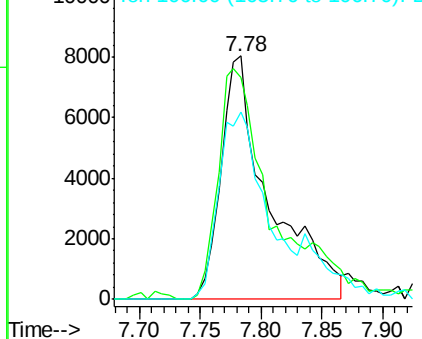
2/14/2018 10:31:12 AM



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: 45.309 ng/mL

RT: 7.82 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

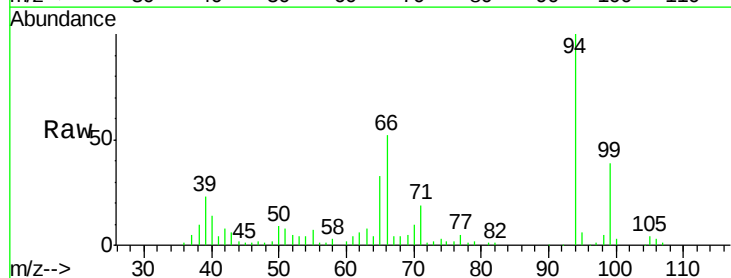
Tgt Ion: 94 Resp: 112634

Ion Ratio Lower Upper

94 100

65 32.8 11.9 51.9

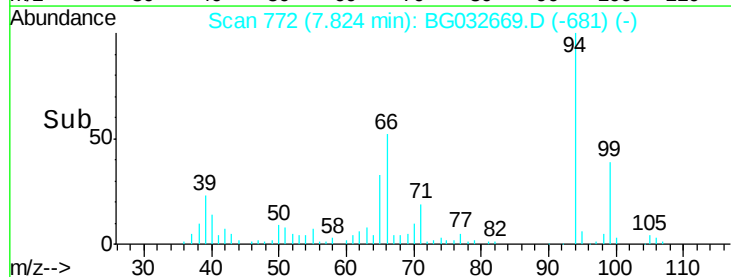
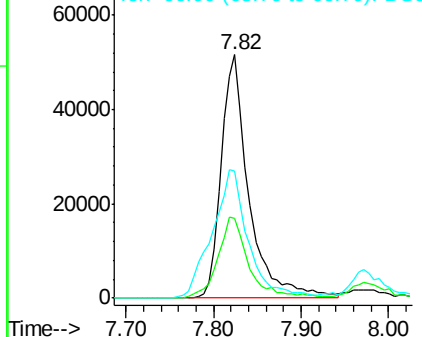
66 52.1 22.2 62.2

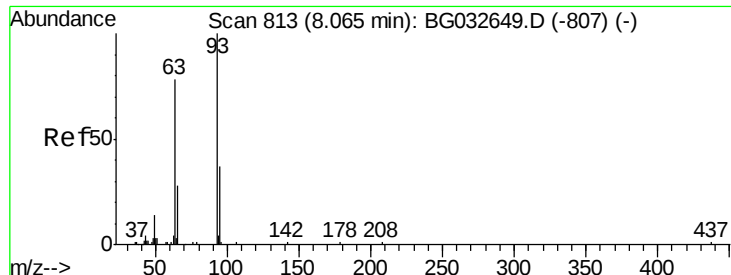


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





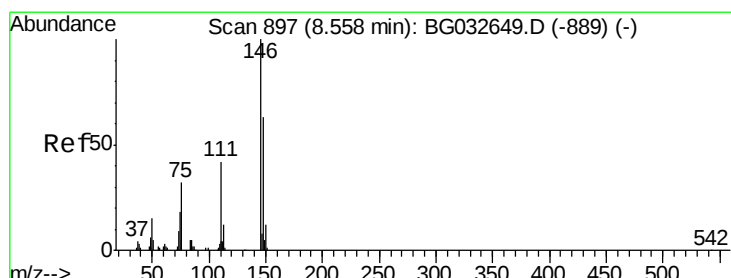
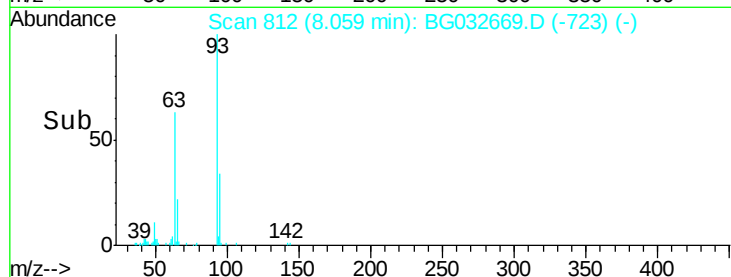
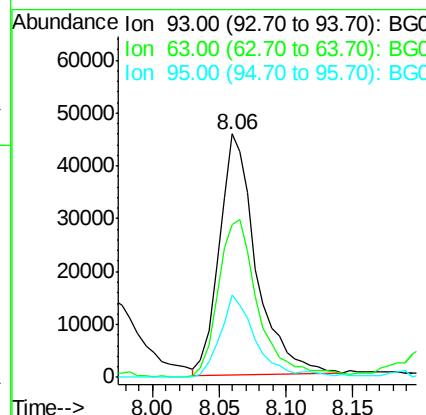
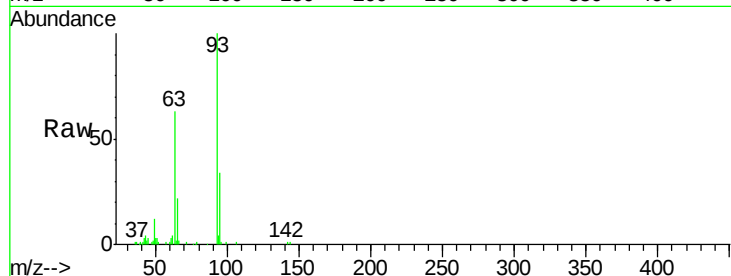
#11
bis(2-Chloroethyl)ether
Concen: 43.961 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	62.8	67.1	107.1#
95	33.9	11.5	51.5

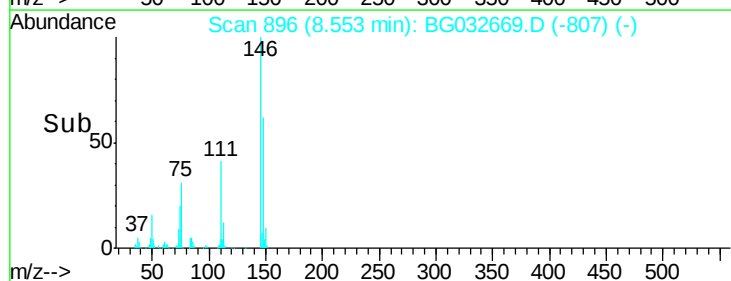
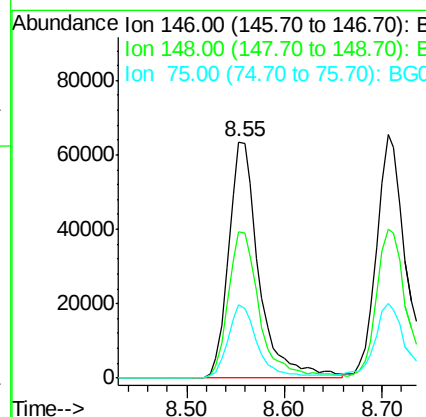
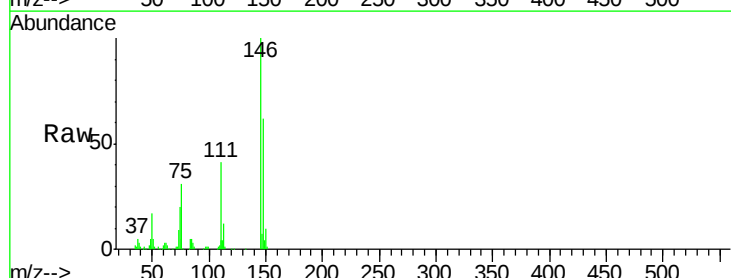
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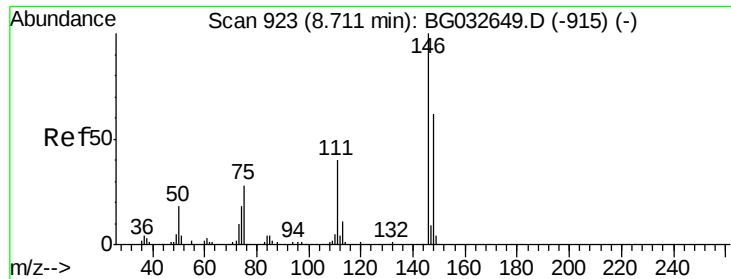
Sohil
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#12
1,3-Dichlorobenzene
Concen: 45.083 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.2
75	30.8	26.6	39.8





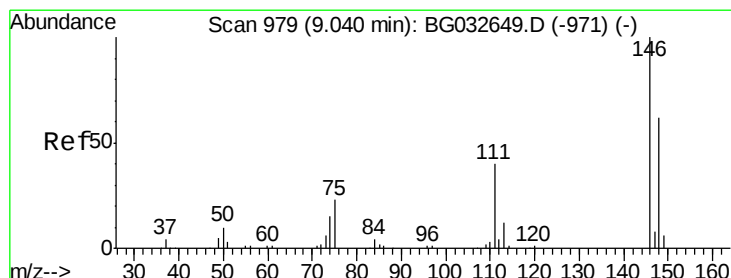
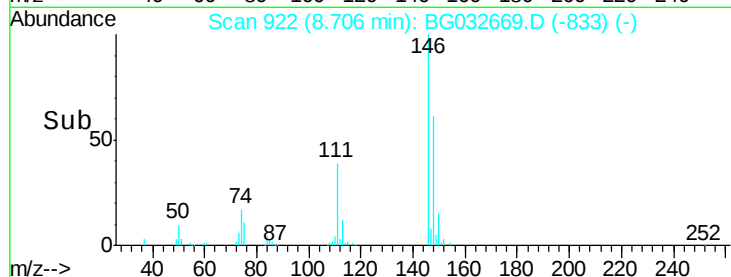
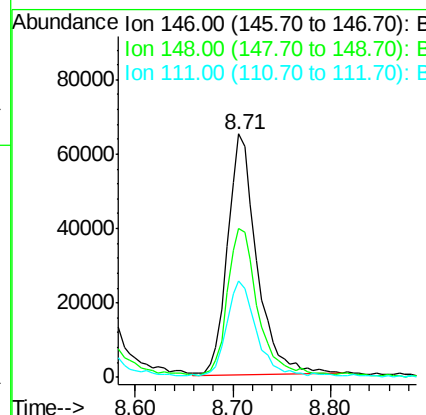
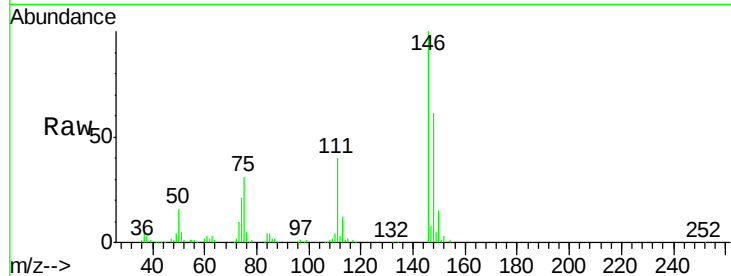
#13
 1,4-Dichlorobenzene
 Concen: 45.167 ng
 RT: 8.71 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	53.7	80.5
111	39.5	35.2	52.8

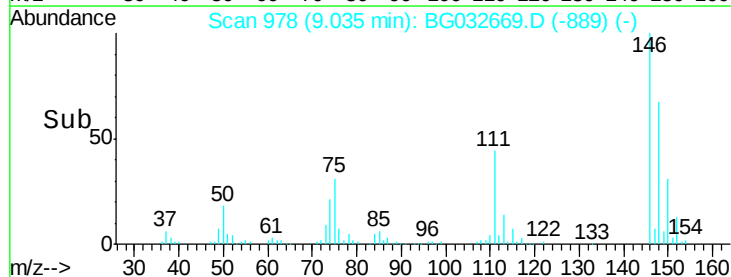
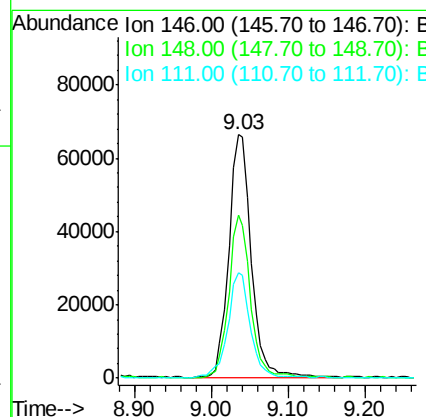
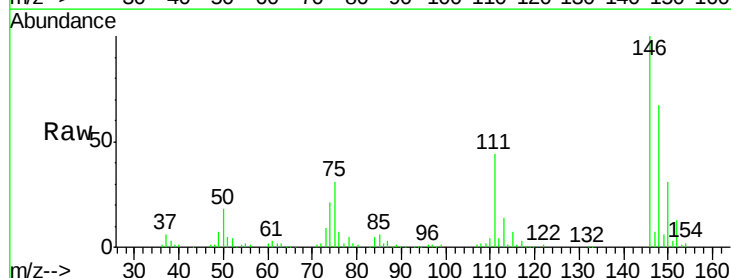
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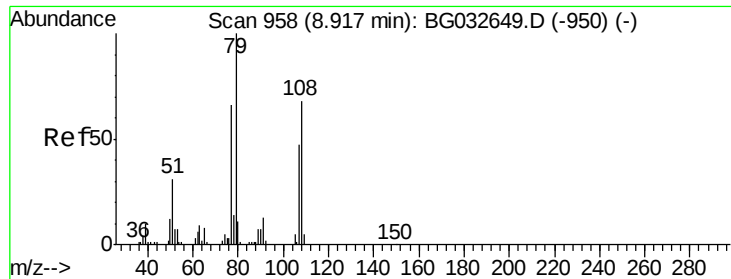
Sohil
 2/14/2018 10:31:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.207 ng
 RT: 9.03 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	49.3	73.9
111	43.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 50.962 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

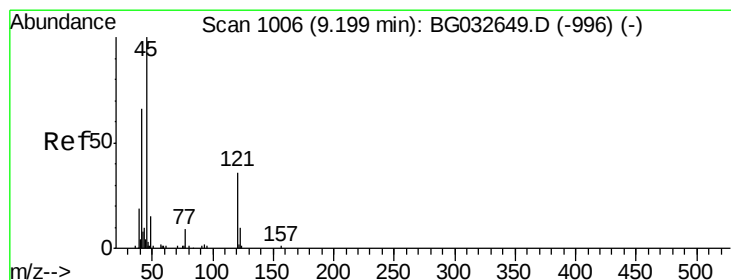
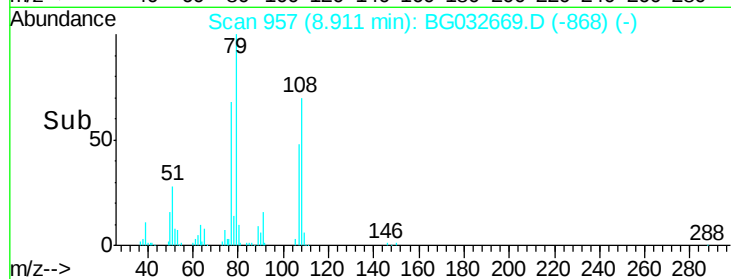
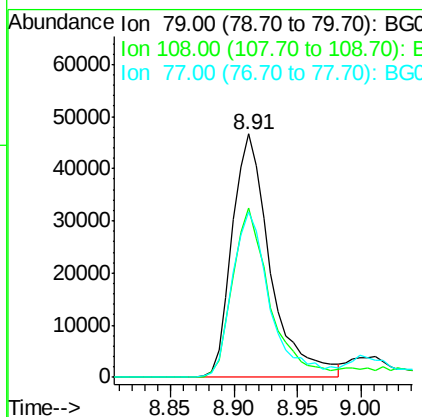
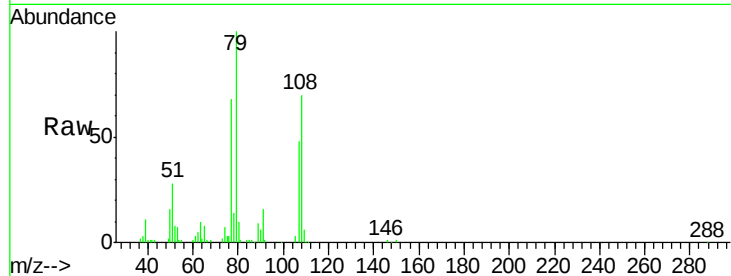
ClientSampleId :

CL-01-021218-AMSD

Tot Ion:	79	Resp:	97634
Ion	Ratio	Lower	Upper
79	100		
108	69.8	57.2	85.8
77	68.0	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.944 ng

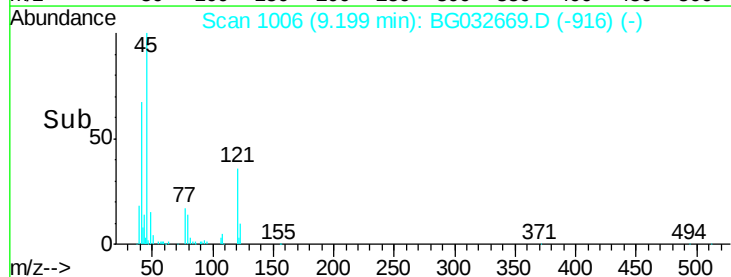
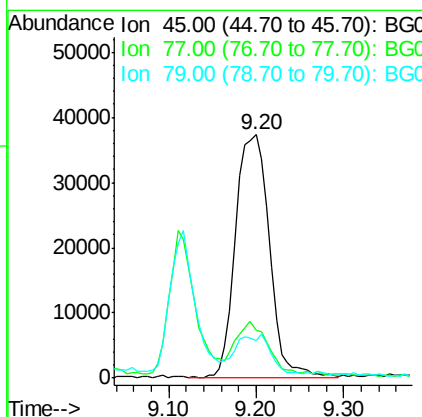
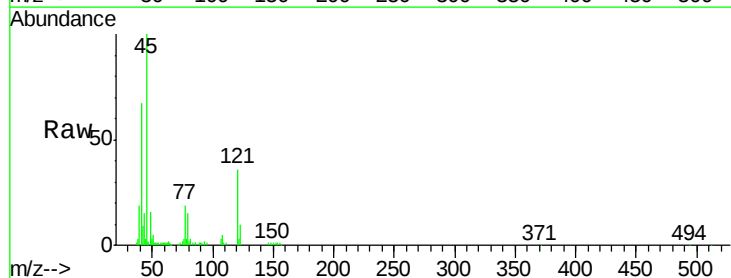
RT: 9.20 min Scan# 1006

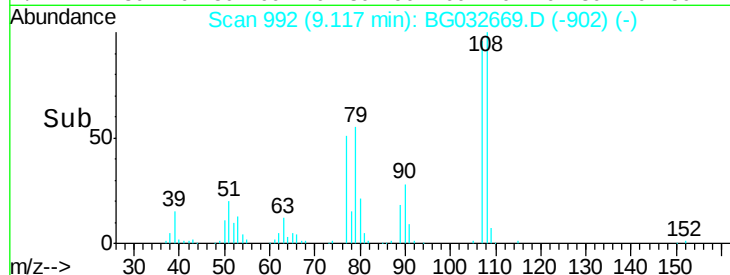
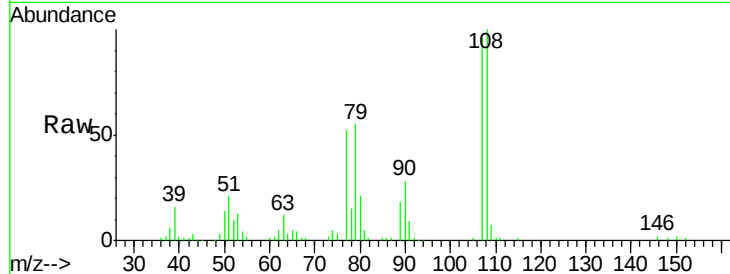
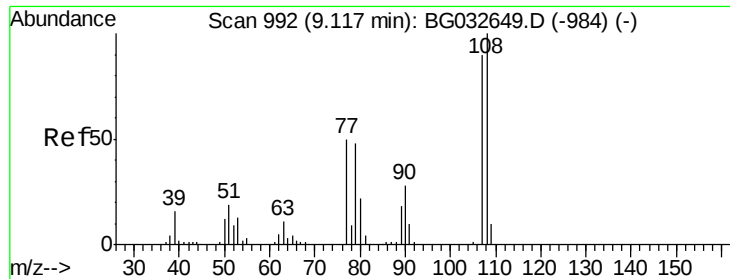
Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion:	45	Resp:	98544
Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	30.2
79	15.4	0.0	27.9





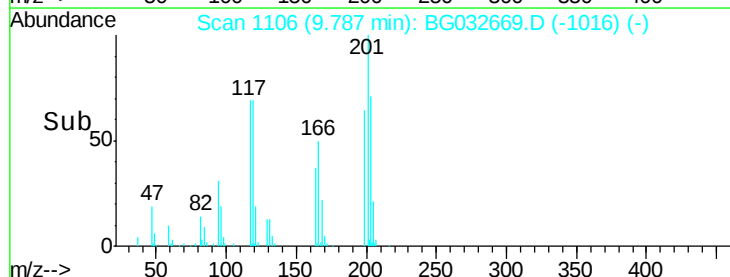
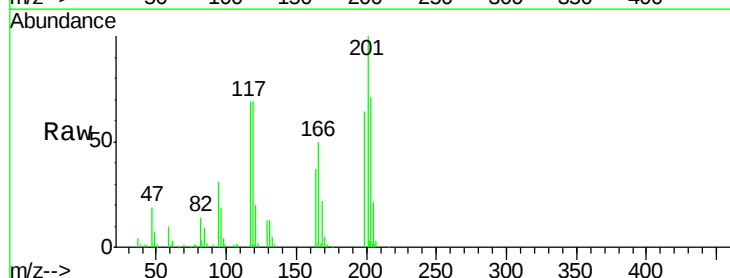
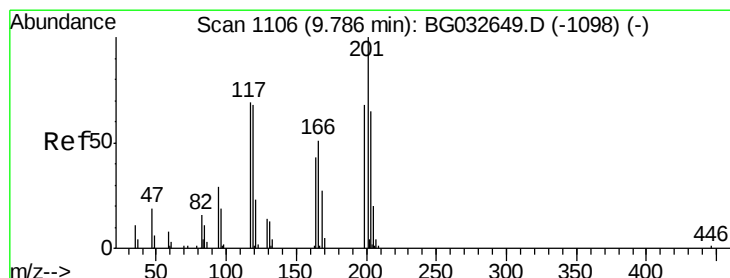
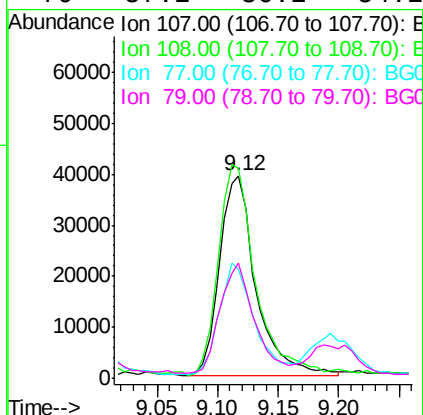
#17
2-Methylphenol
Concen: 46.832 ng
RT: 9.12 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tot Ion	Ratio	Resp	Lower	Upper
107	100	82449		
108	103.9	83.9	125.9	
77	53.6	37.2	55.8	
79	57.2	36.2	54.2	

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

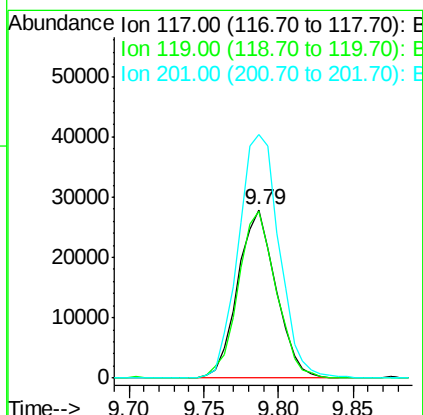
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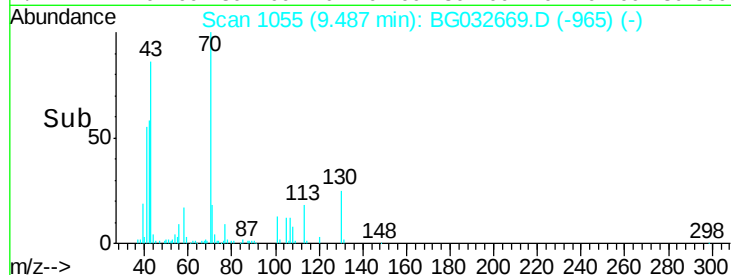
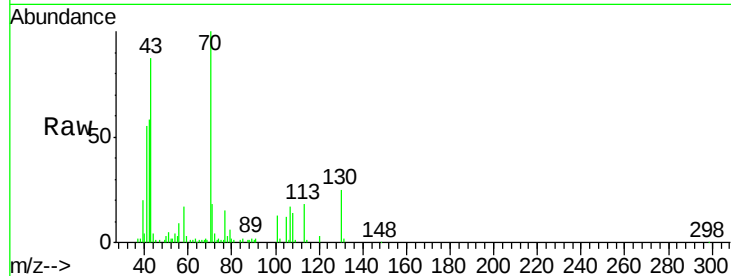
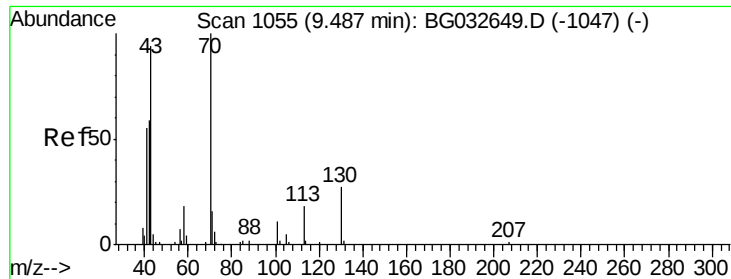
Sohil
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#18
Hexachloroethane
Concen: 45.049 ng
RT: 9.79 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49266		
119	99.4	76.7	115.1	
201	144.8	95.7	143.5	





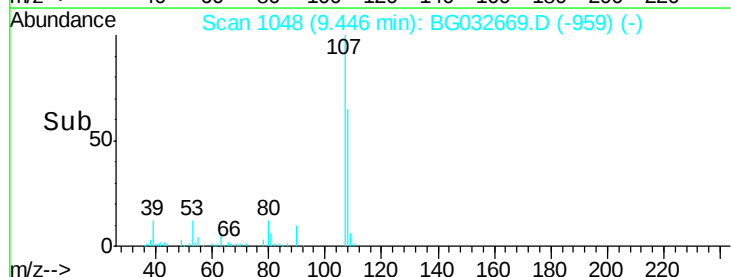
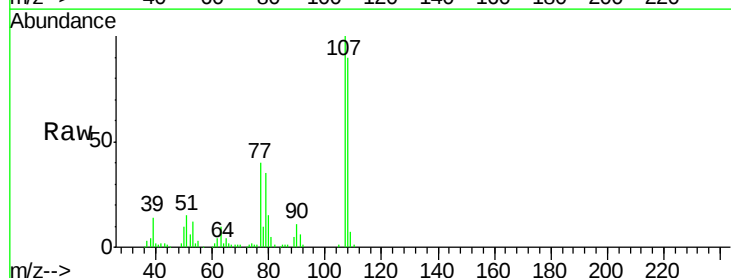
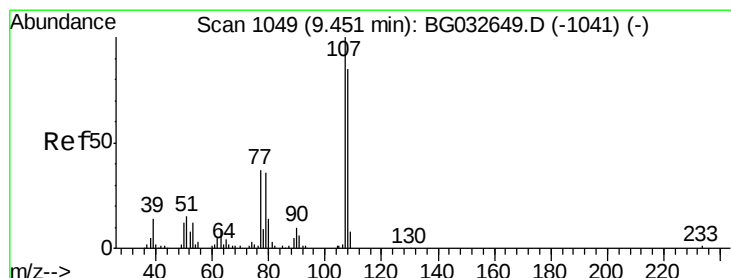
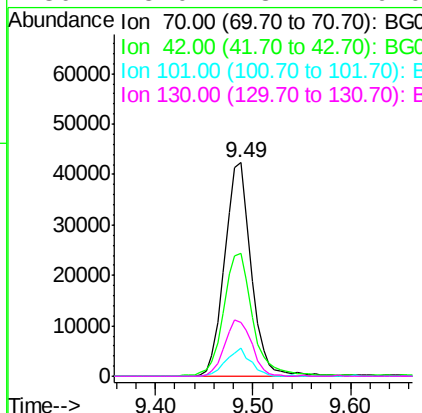
#19
n-Nitroso-di-n-propylamine
Concen: 46.773 ng
RT: 9.49 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.5	49.1	73.7
101	13.2	8.5	12.7
130	25.0	13.4	20.0

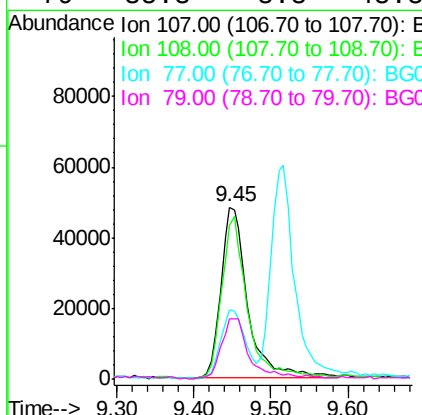
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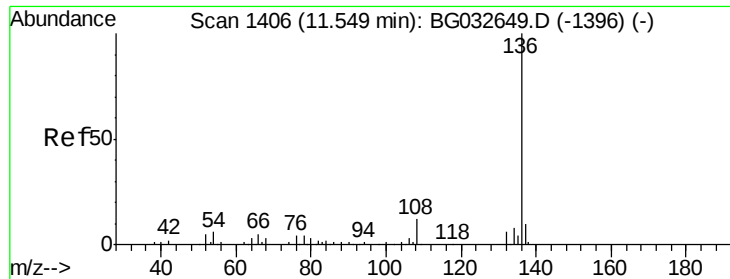
Sohil
2/14/2018 10:31:12 AM



#20
3+4-Methylphenols
Concen: 44.367 ng
RT: 9.45 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	61.6	101.6
77	40.0	13.9	53.9
79	35.3	8.8	48.8





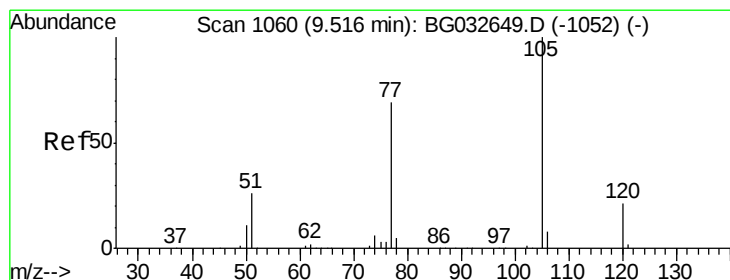
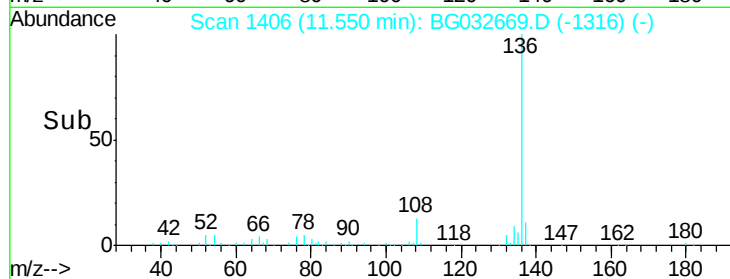
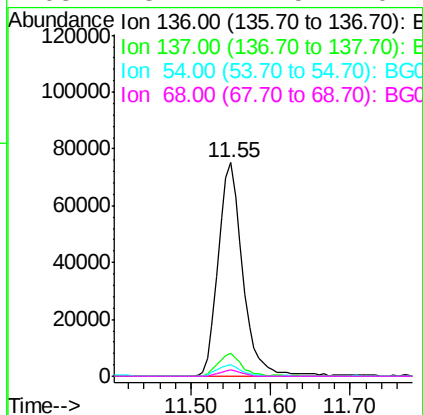
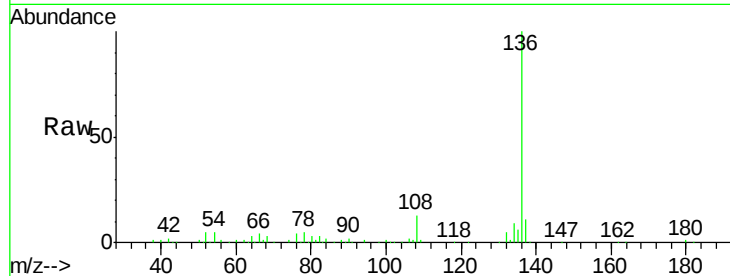
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.55 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	161027		
137	10.6	9.2	13.8	
54	5.4	10.3	15.5	
68	3.2	4.5	6.7	

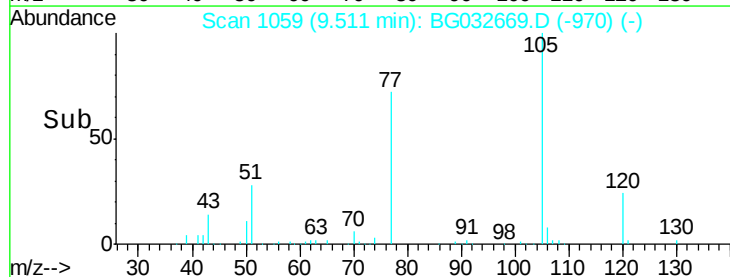
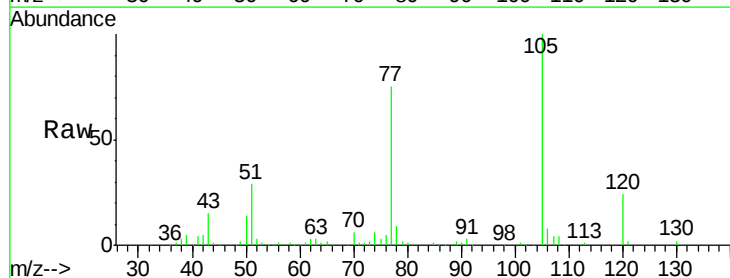
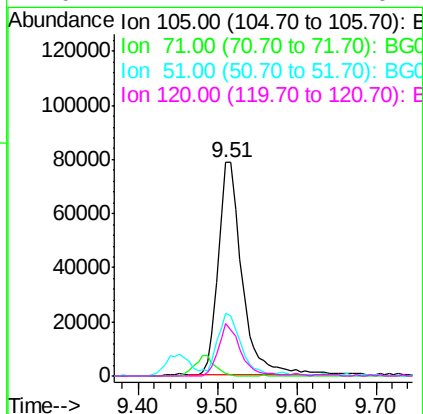
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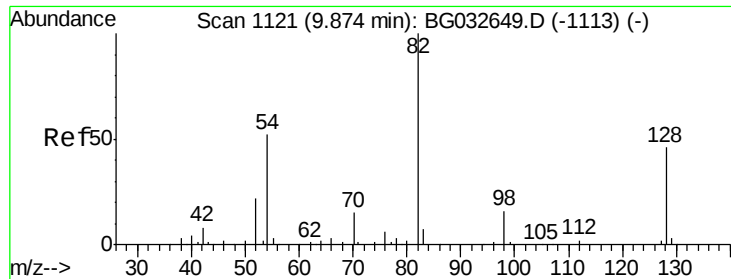
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#22
Acetophenone
Concen: 48.049 ng
RT: 9.51 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164553		
71	1.1	3.0	4.4	
51	29.4	26.1	39.1	
120	24.4	17.4	26.2	





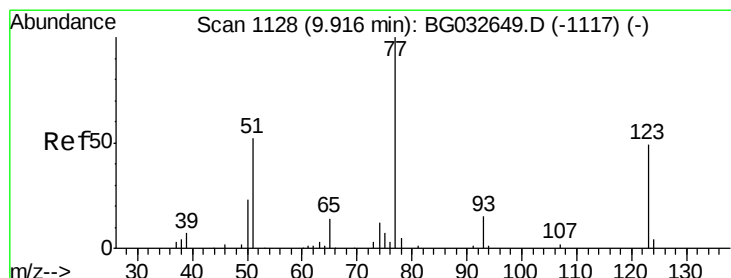
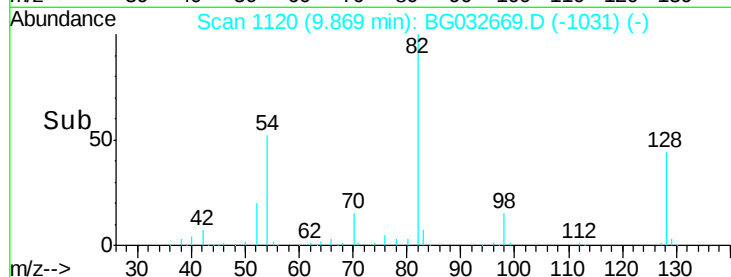
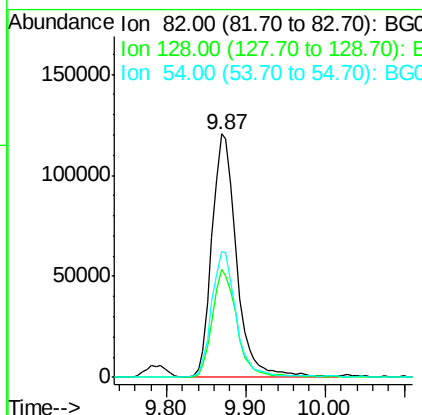
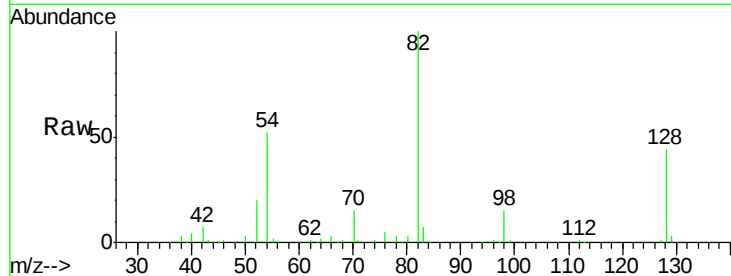
#23
 Nitrobenzene-d5
 Concen: 103.068 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	82	Resp	261140
Ion Ratio	Lower	Upper	
82	100		
128	44.4	29.7	44.5
54	51.6	43.1	64.7

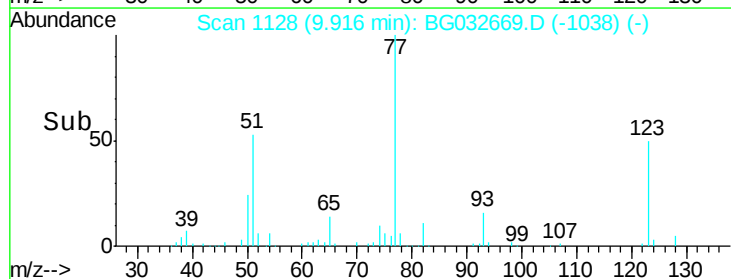
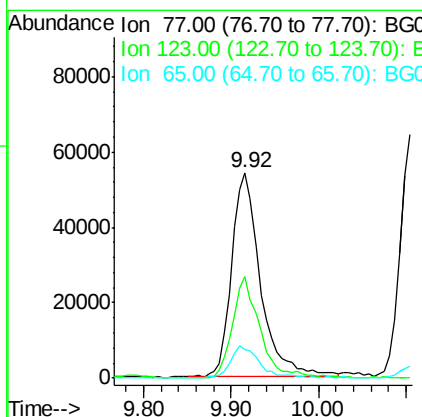
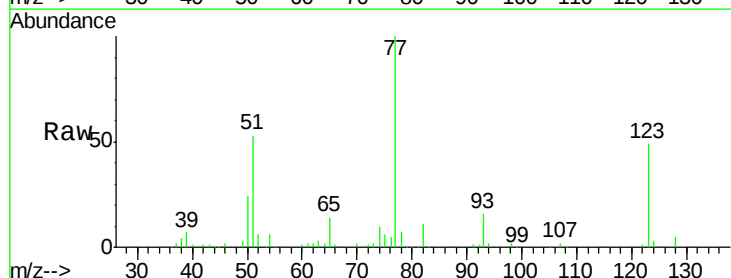
Manual Integrations
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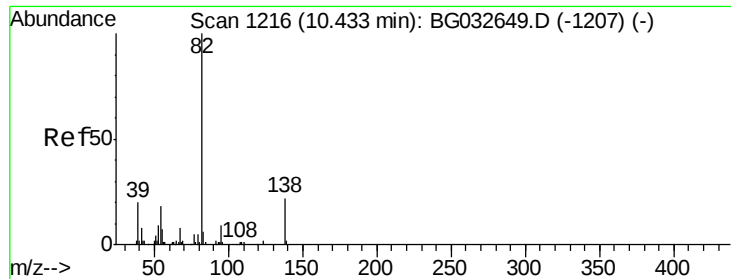
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#24
 Nitrobenzene
 Concen: 45.965 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	77	Resp	121936
Ion Ratio	Lower	Upper	
77	100		
123	49.4	33.0	49.6
65	14.2	13.0	19.6





#25

Isophorone

Concen: 47.275 ng

RT: 10.43 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-AMSD

Tot Ion: 82 Resp: 228368

Ion Ratio Lower Upper

82 100

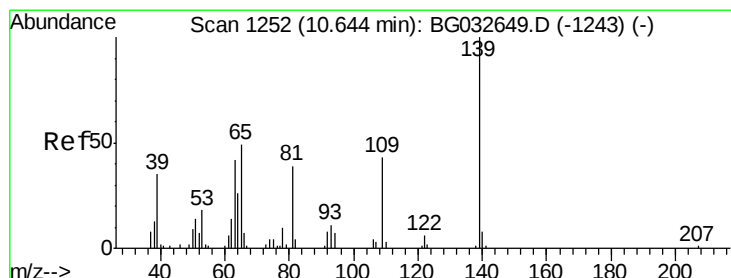
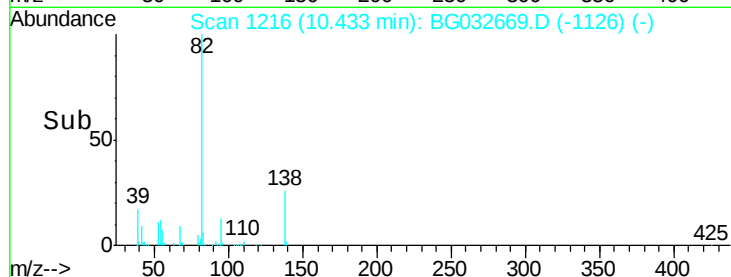
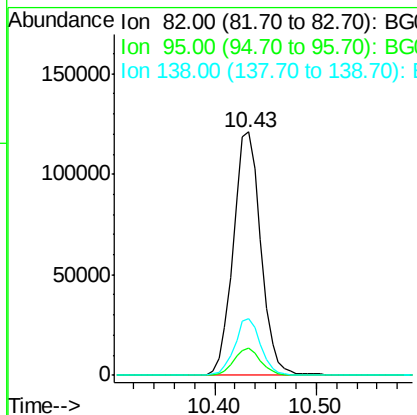
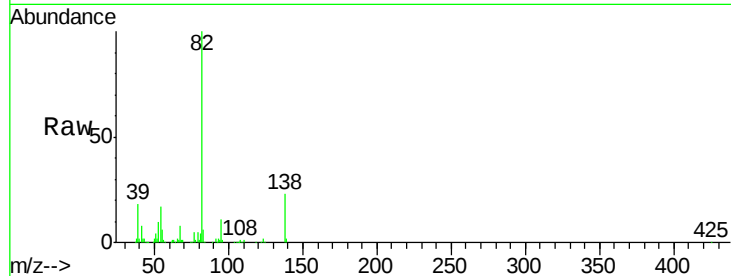
95 11.3 6.2 9.2#

138 23.4 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.035 ng

RT: 10.64 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

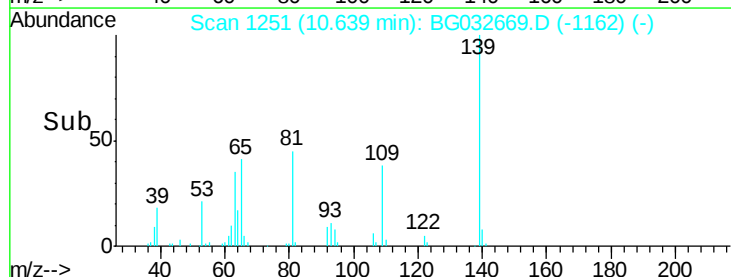
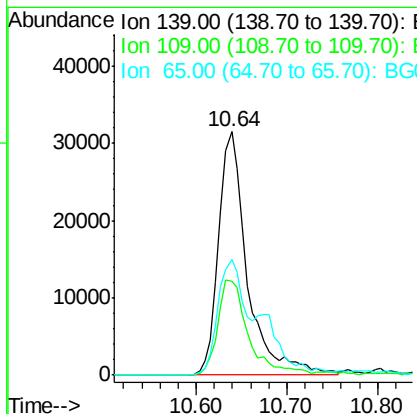
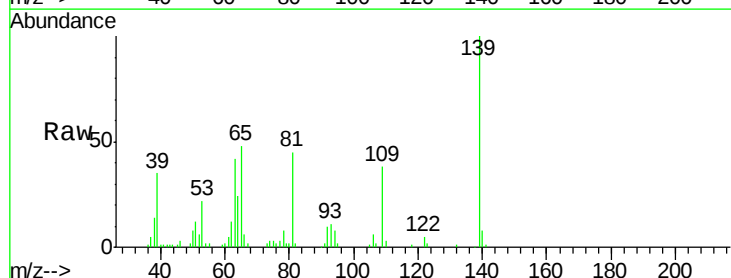
Tgt Ion: 139 Resp: 69573

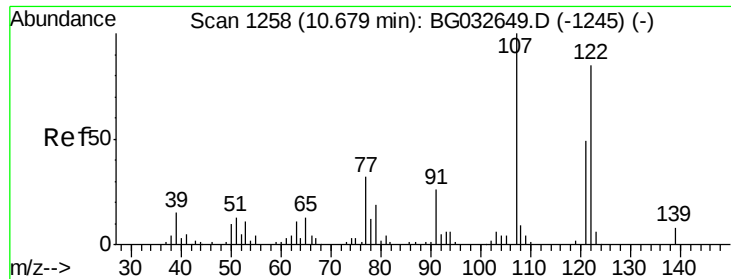
Ion Ratio Lower Upper

139 100

109 38.5 24.2 36.2#

65 47.6 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 58.134 ng

RT: 10.67 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

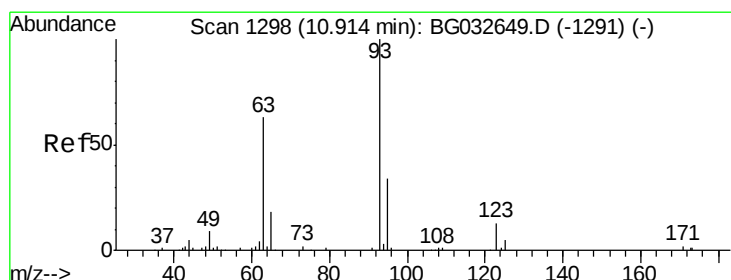
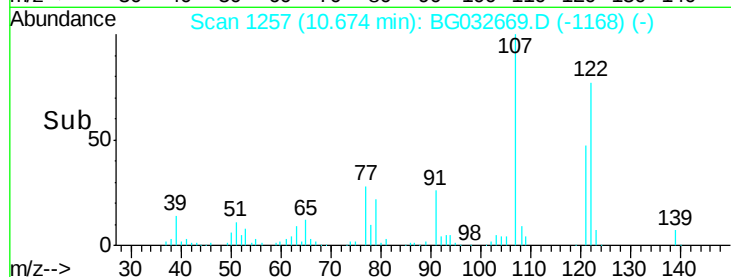
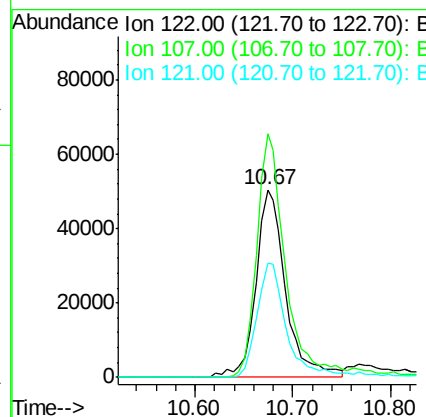
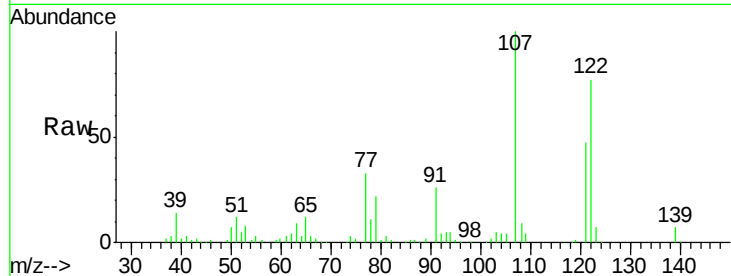
ClientSampleId :

CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.6	100.2	150.2
121	60.7	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 48.921 ng

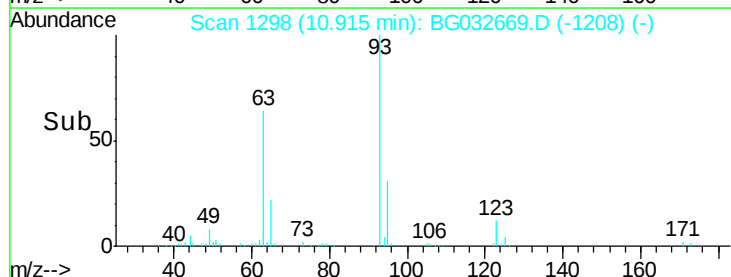
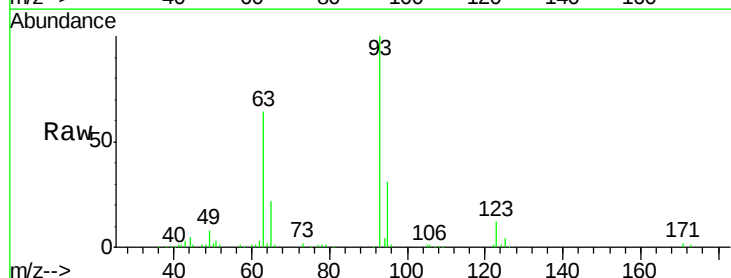
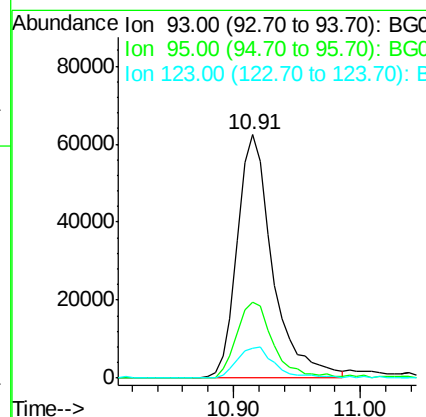
RT: 10.91 min Scan# 1298

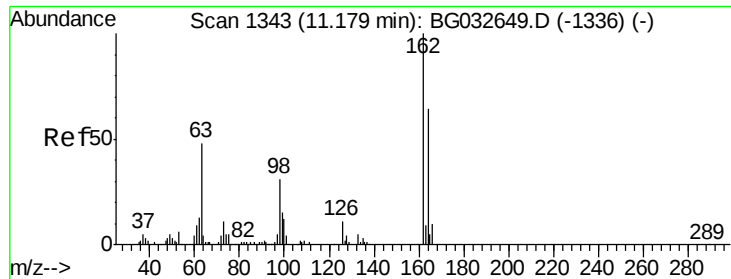
Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	24.3	36.5
123	12.1	8.4	12.6





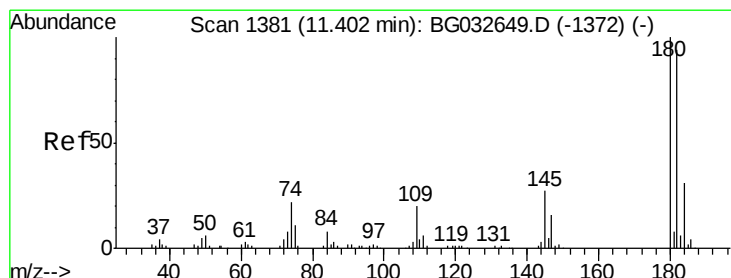
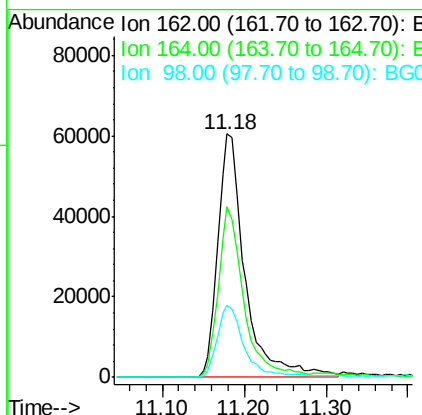
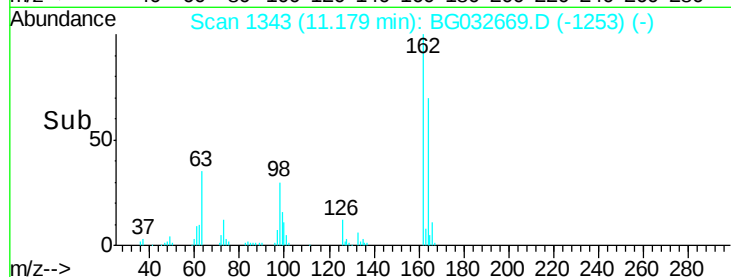
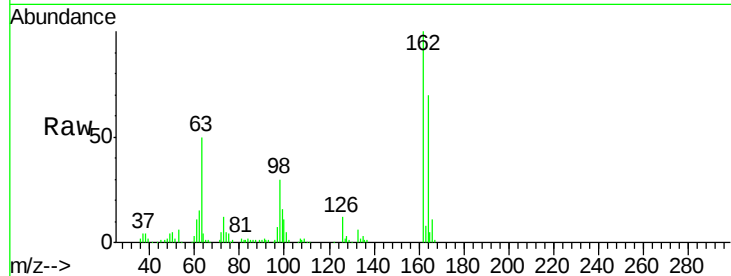
#29
2,4-Dichlorophenol
Concen: 51.340 ng
RT: 11.18 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	140071		
164	70.3	48.0	88.0	
98	29.8	21.1	61.1	

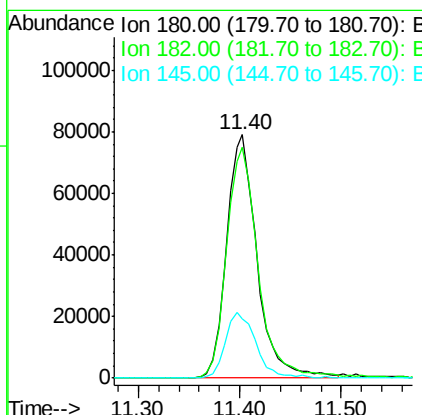
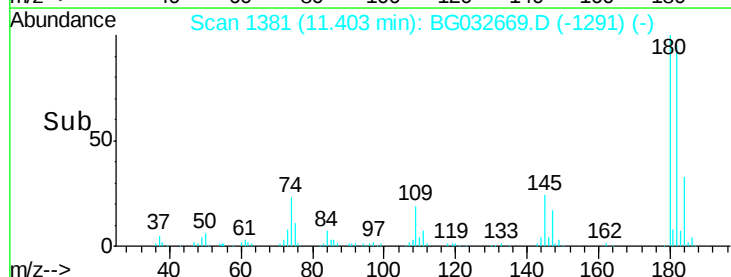
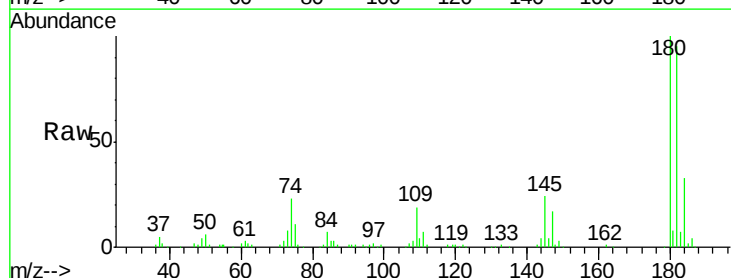
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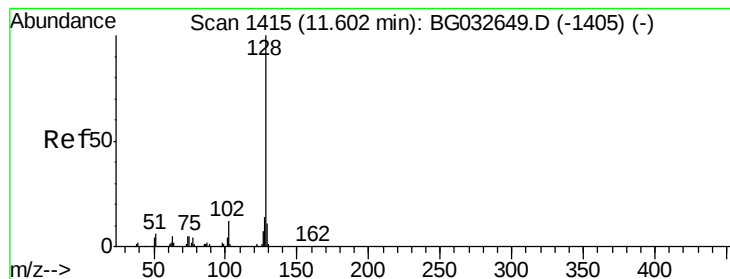
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.964 ng
RT: 11.40 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164333		
182	94.7	77.5	116.3	
145	24.1	23.4	35.2	





#31

Naphthalene

Concen: 47.305 ng

RT: 11.60 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

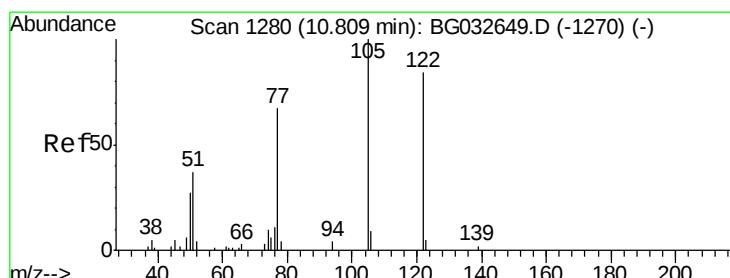
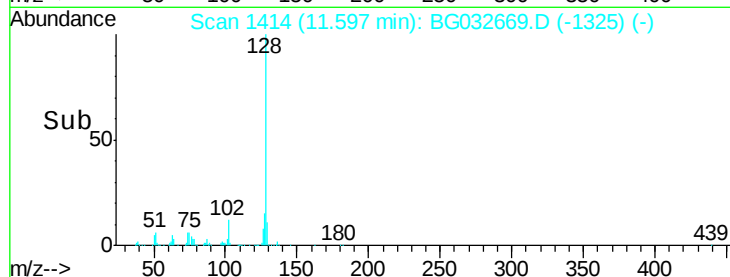
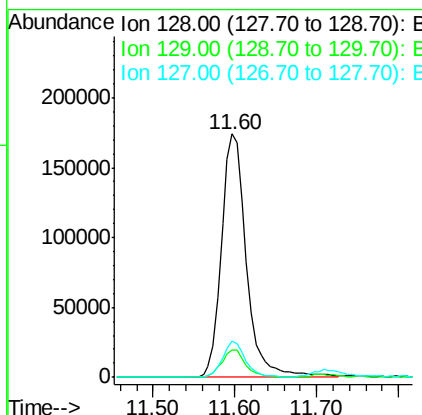
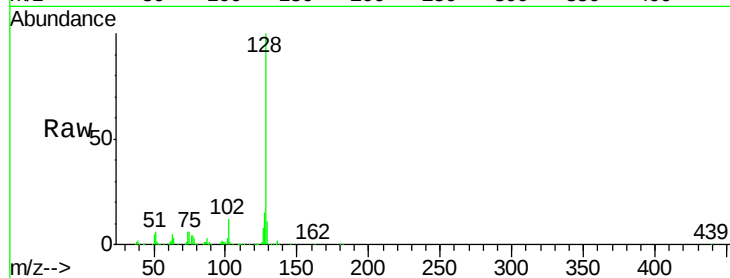
ClientSampleId :

CL-01-021218-AMSD

Tot Ion:	128	Resp:	369876
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.6	12.8
127	14.8	11.6	17.4

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#32

Benzoic acid

Concen: 8.378 ng

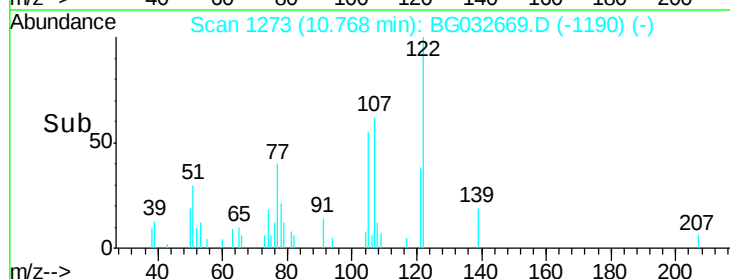
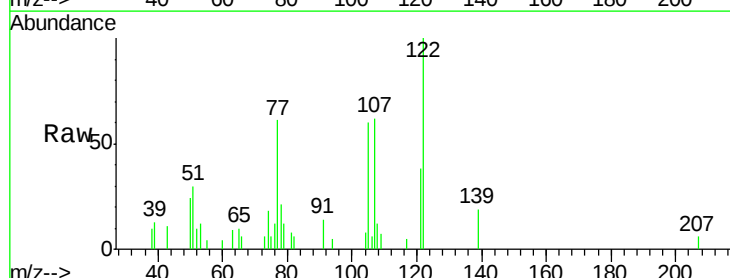
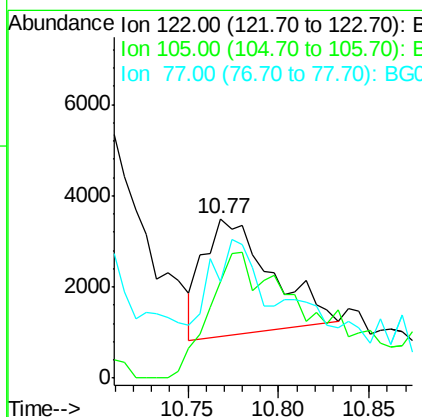
RT: 10.77 min Scan# 1273

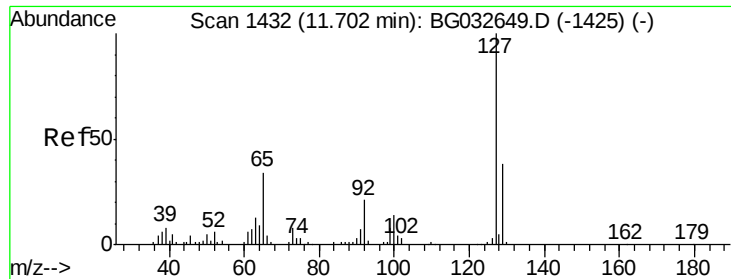
Delta R.T. -0.04 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion:	122	Resp:	6567
Ion Ratio	Lower	Upper	
122	100		
105	60.1	123.5	163.5#
77	60.6	85.7	125.7#





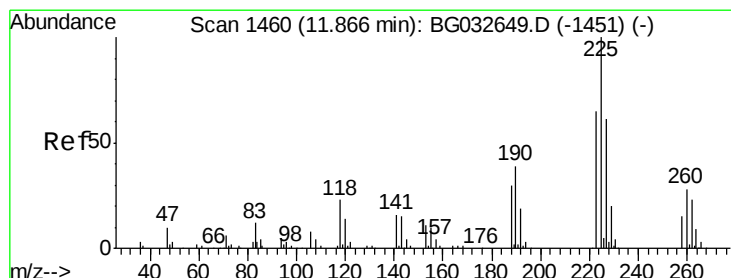
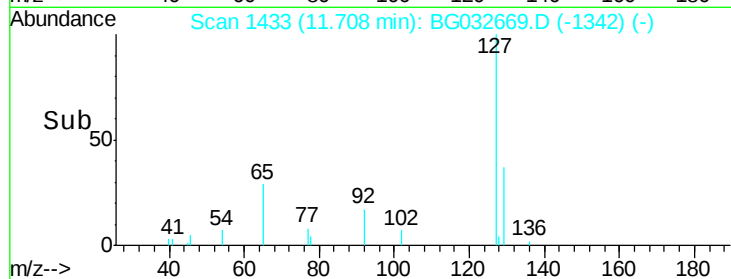
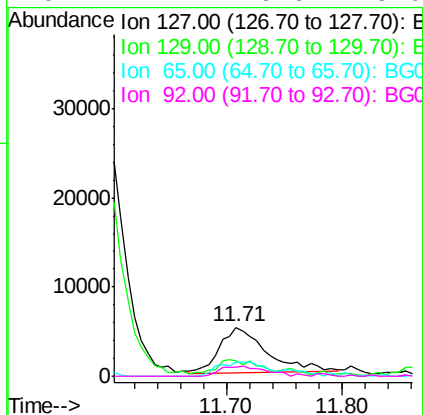
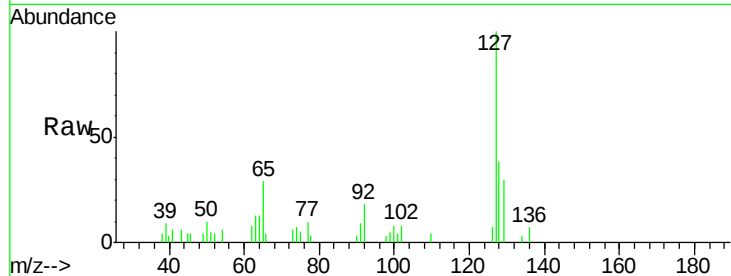
#33
4-Chloroaniline
Concen: 4.635 ng
RT: 11.71 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.4	24.0	36.0		
65	28.7	27.0	40.4		
92	17.7	16.6	25.0		

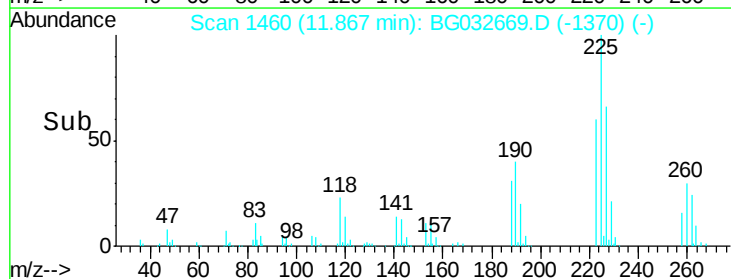
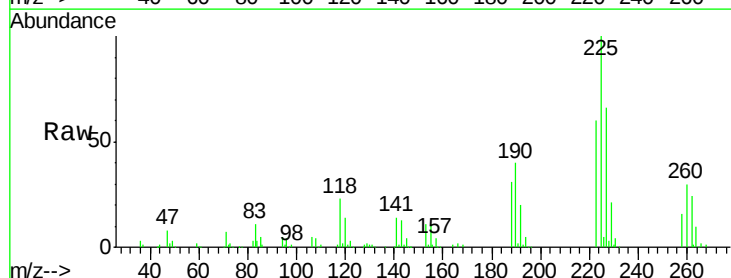
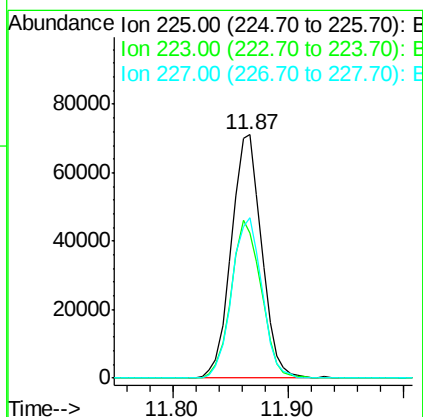
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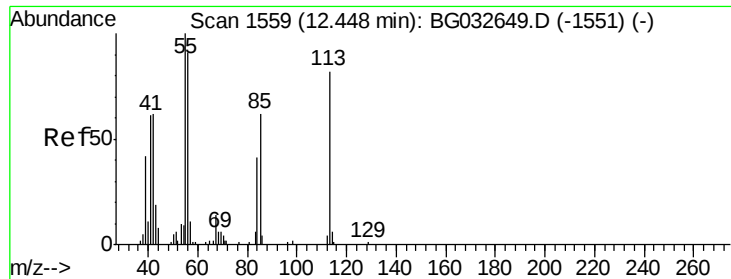
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#34
Hexachlorobutadiene
Concen: 41.262 ng
RT: 11.87 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.8	49.7	74.5		
227	66.0	48.1	72.1		





#35

Caprolactam

Concen: 32.962 ng

RT: 12.45 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-AMSD

Tot Ion:113 Resp: 25538

Ion Ratio Lower Upper

113 100

55 135.8 186.9 226.9#

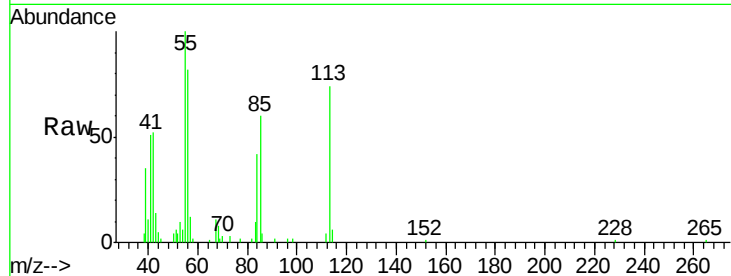
56 111.9 130.9 170.9#

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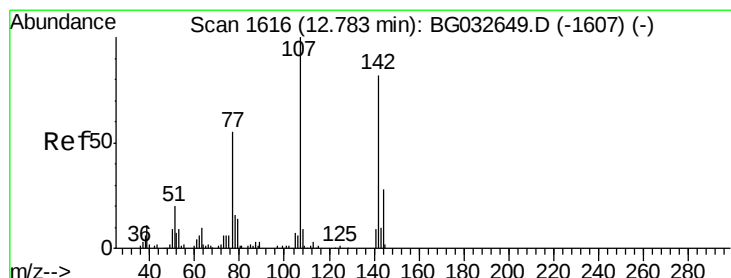
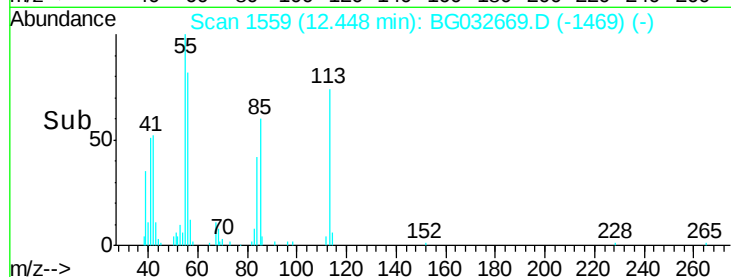
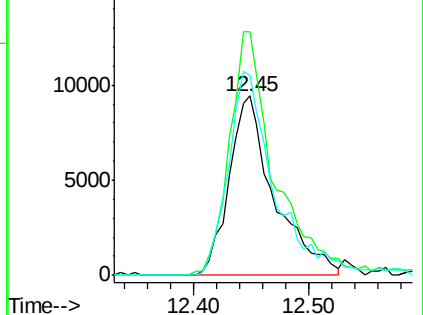
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 53.595 ng

RT: 12.78 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

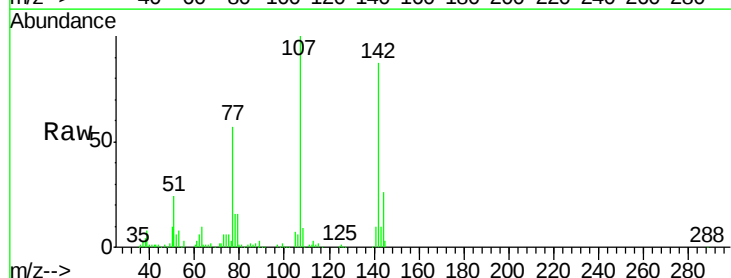
Tgt Ion:107 Resp: 131527

Ion Ratio Lower Upper

107 100

144 26.1 18.2 27.4

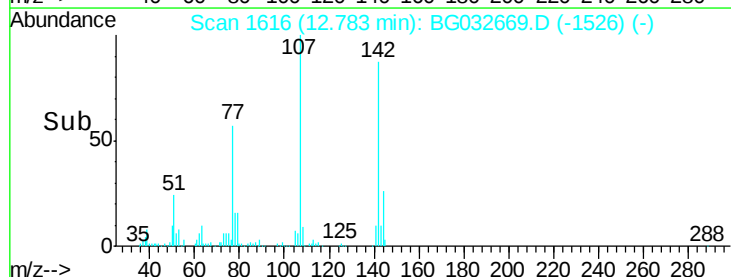
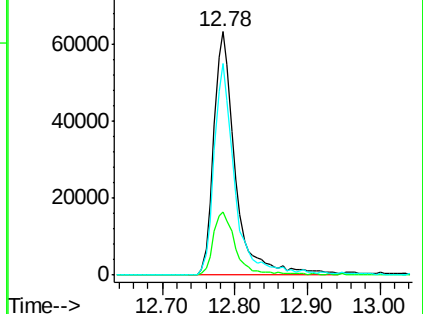
142 86.8 59.0 88.4

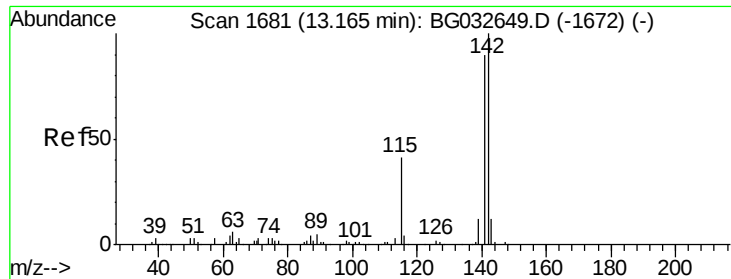


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





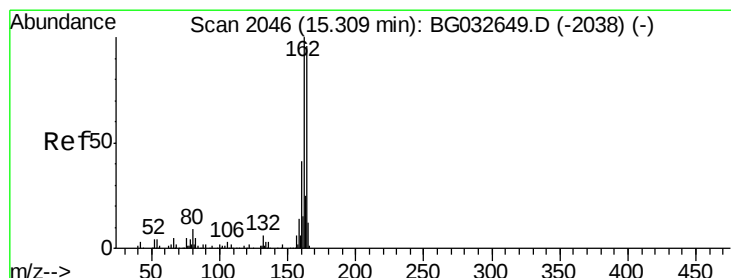
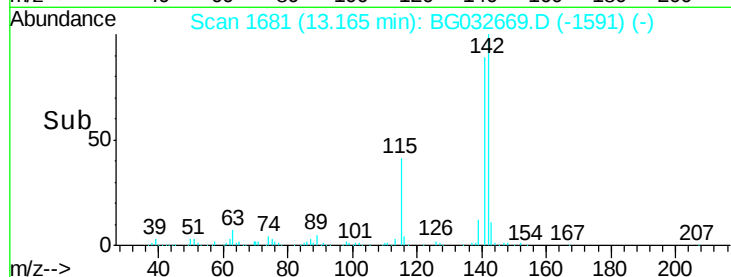
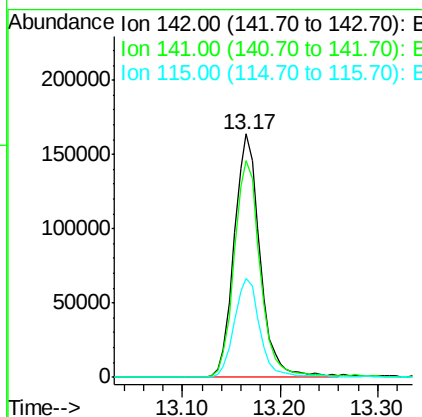
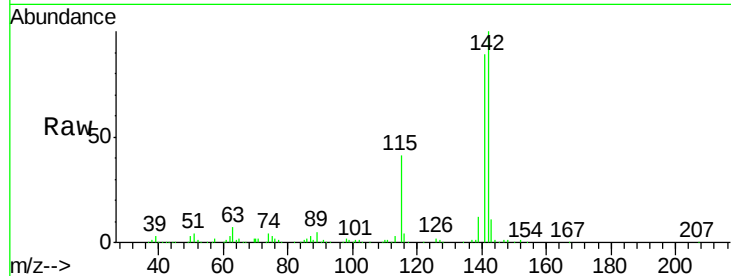
#37
2-Methylnaphthalene
Concen: 47.566 ng
RT: 13.17 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	40.6	30.7	46.1

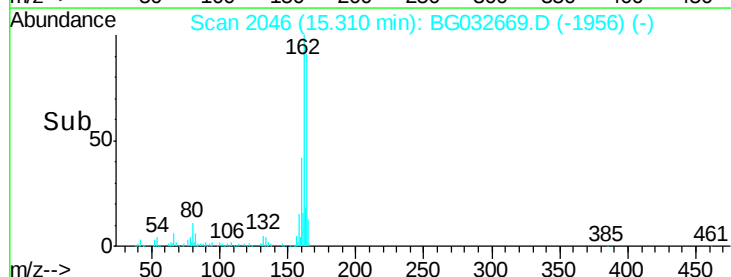
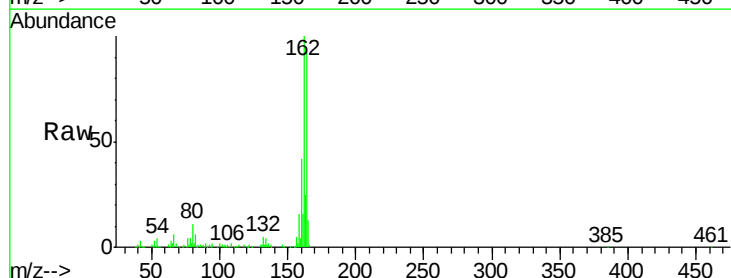
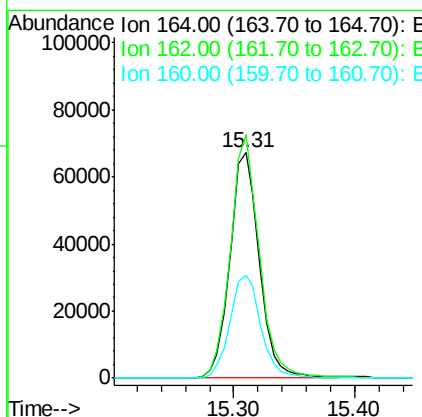
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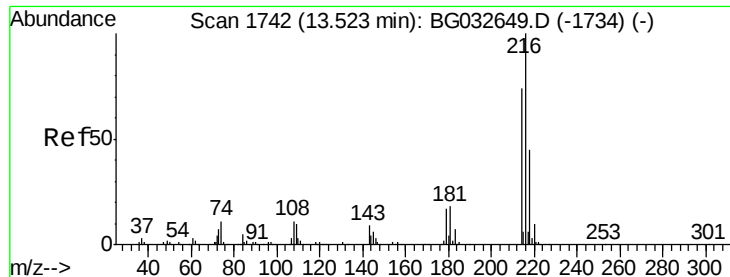
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.8	118.2
160	45.6	35.4	53.0





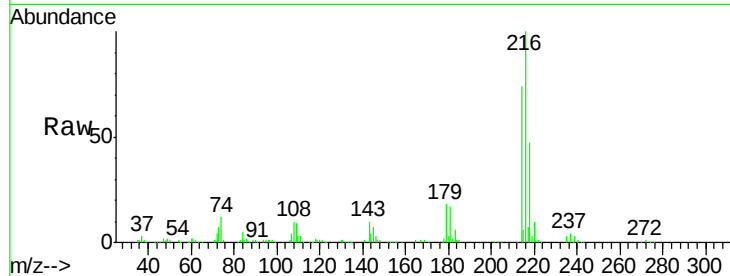
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.790 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

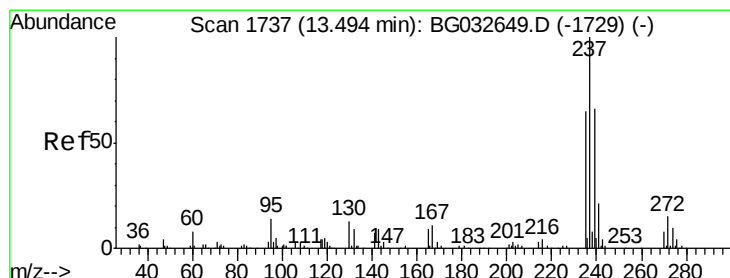
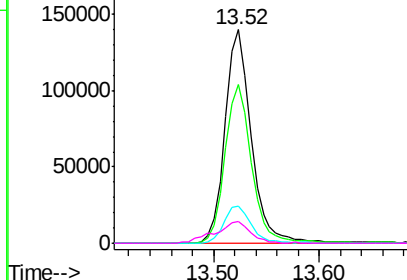
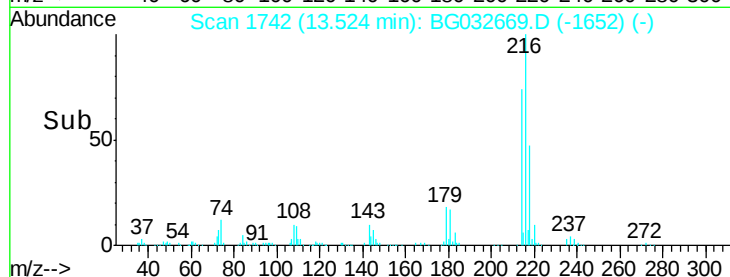
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		241372		
214	75.7	63.0	94.4		
179	17.8	17.0	25.6		
108	13.7	12.8	19.2		

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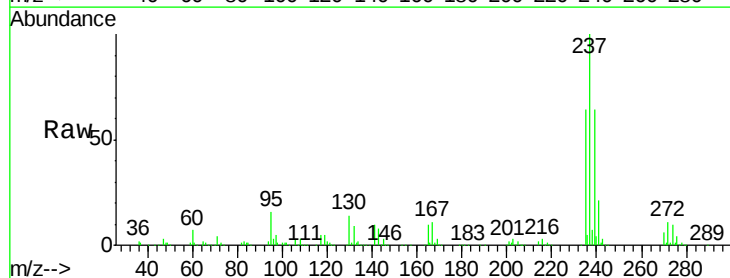


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

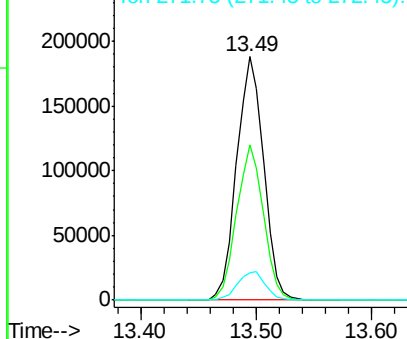
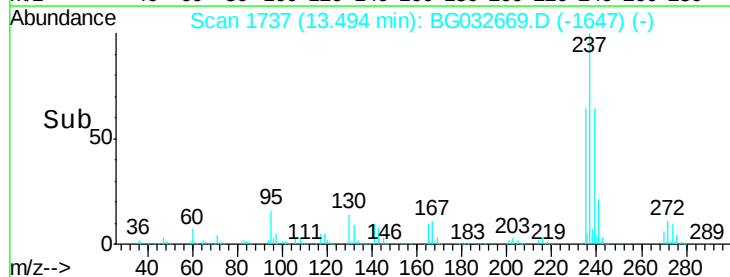


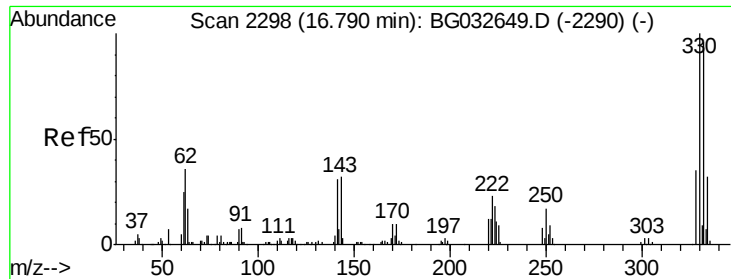
#40
 Hexachlorocyclopentadiene
 Concen: 89.075 ng
 RT: 13.49 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		303776		
235	63.7	50.4	90.4		
272	11.5	0.0	31.8		



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





#41

2,4,6-Tribromophenol

Concen: 145.715 ng

RT: 16.79 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

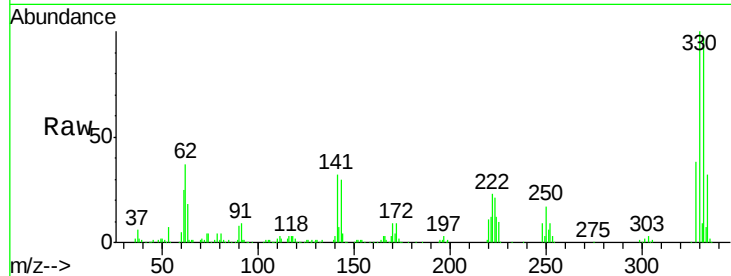
ClientSampleId :

CL-01-021218-AMSD

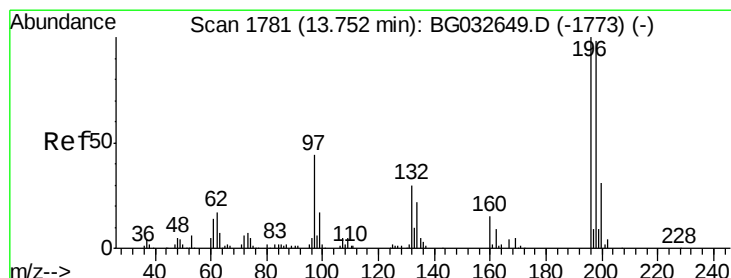
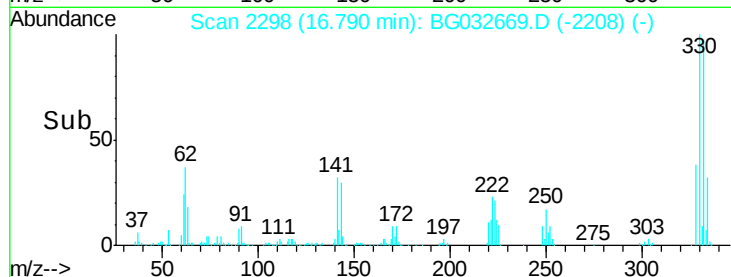
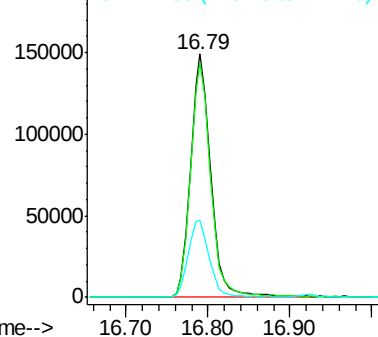
Tot Ion:	330	Resp:	256003
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.0	115.6
141	33.5	25.2	37.8

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



#42

2,4,6-Trichlorophenol

Concen: 50.976 ng

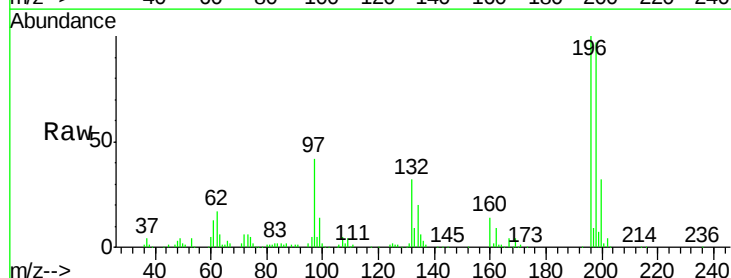
RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

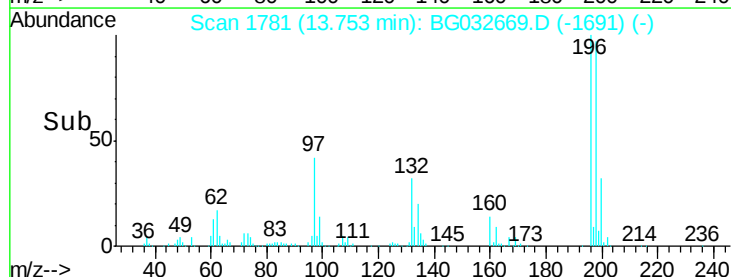
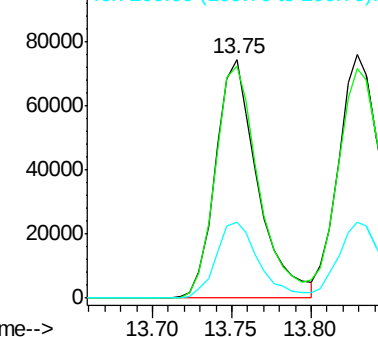
Lab File: BG032669.D

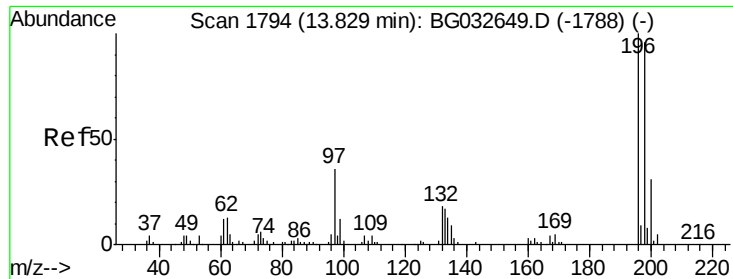
Acq: 13 Feb 2018 20:28

Tgt Ion:	196	Resp:	137110
Ion Ratio	Lower	Upper	
196	100		
198	97.1	78.2	117.2
200	31.6	24.6	36.8



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





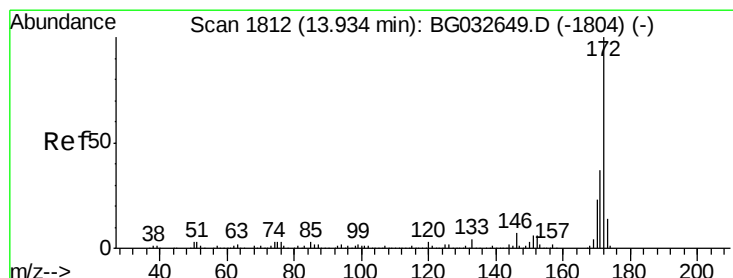
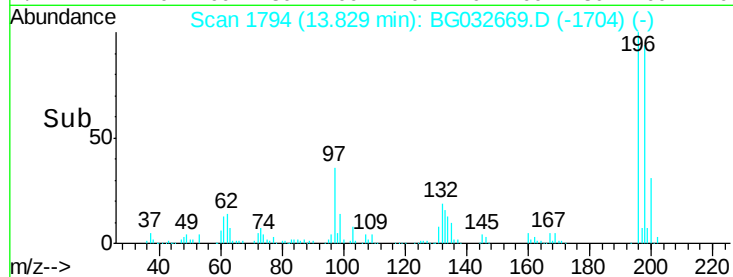
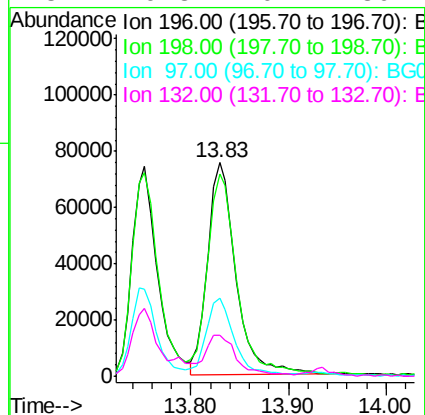
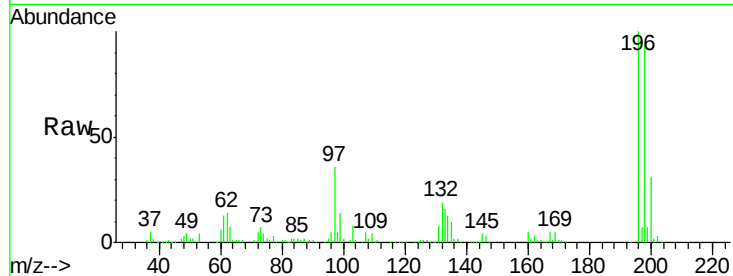
#43
 2,4,5-Trichlorophenol
 Concen: 45.575 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		152764		
198	94.5	76.2	114.4		
97	36.3	38.7	58.1#		
132	19.3	20.2	30.2#		

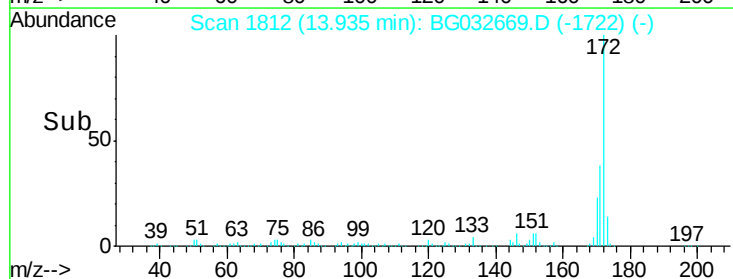
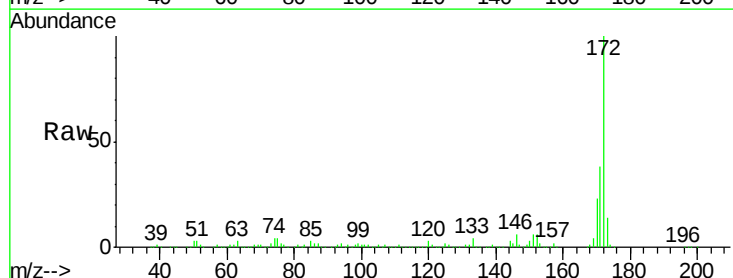
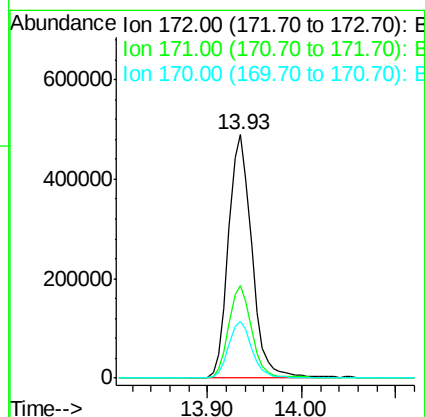
Manual Integrations
 APPROVED

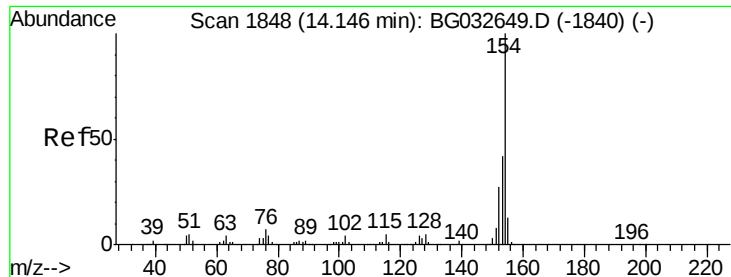
Sohil
 2/14/2018 10:31:12 AM



#44
 2-Fluorobiphenyl
 Concen: 93.261 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		850908		
171	37.9	30.0	45.0		
170	23.2	19.5	29.3		





#45

1,1'-Biphenyl

Concen: 45.617 ng

RT: 14.15 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

ClientSampleId :

CL-01-021218-AMSD

Tot Ion:154 Resp: 428260

Ion Ratio Lower Upper

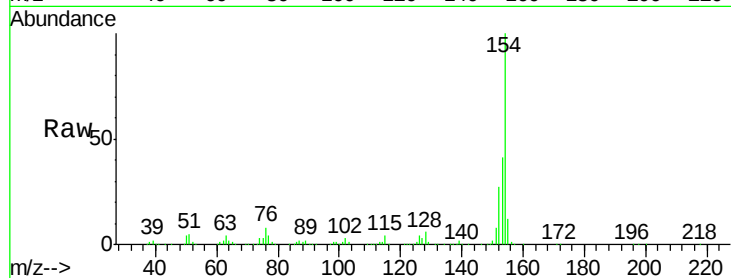
154 100

153 40.5 19.8 59.8

76 7.8 0.0 31.9

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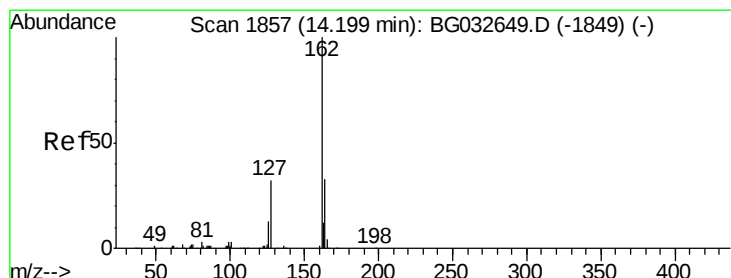
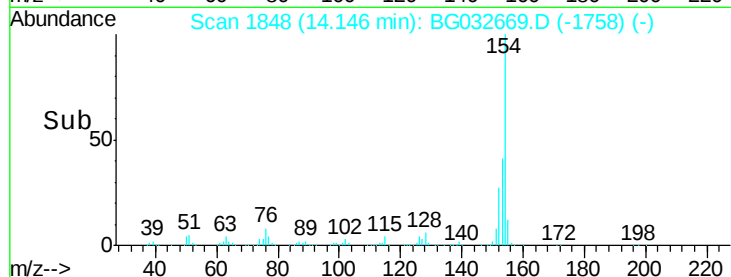
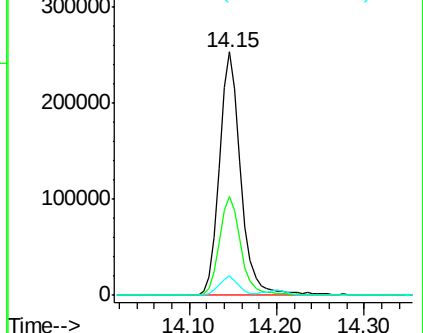
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 44.832 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

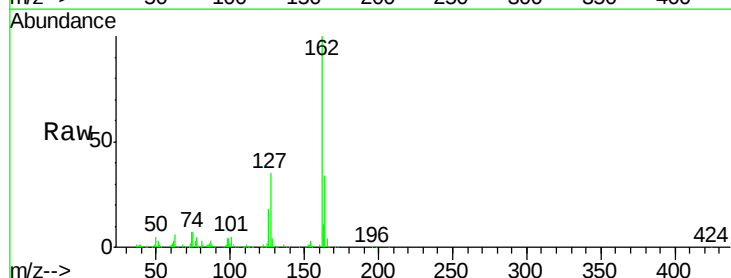
Tgt Ion:162 Resp: 333057

Ion Ratio Lower Upper

162 100

127 35.4 30.7 46.1

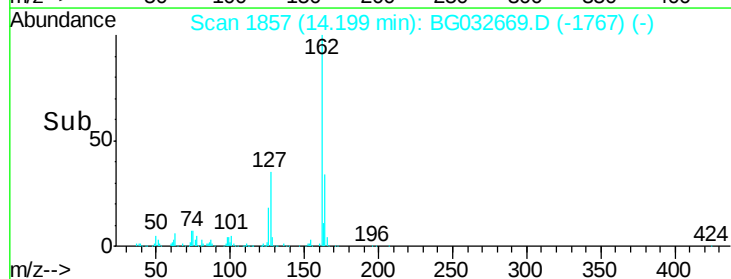
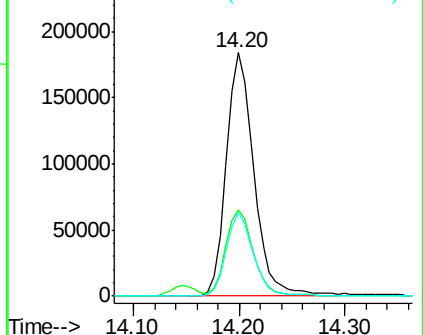
164 34.5 26.0 39.0

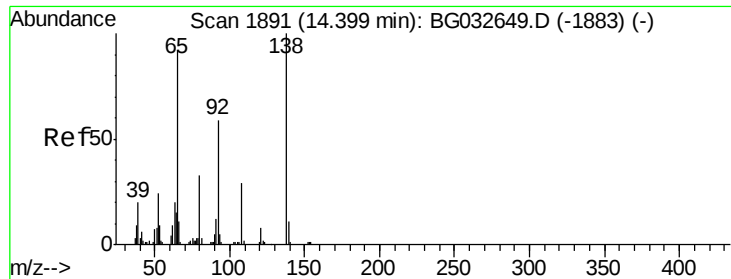


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





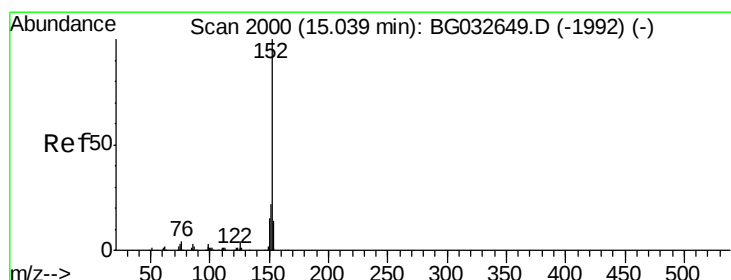
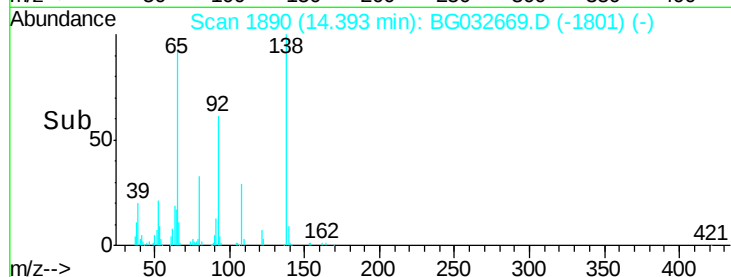
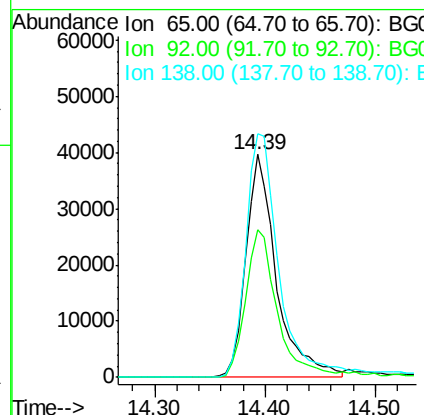
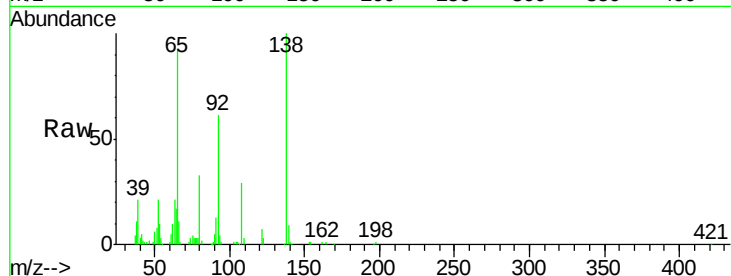
#47
2-Nitroaniline
Concen: 47.695 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.4	54.6	82.0
138	109.2	72.9	109.3

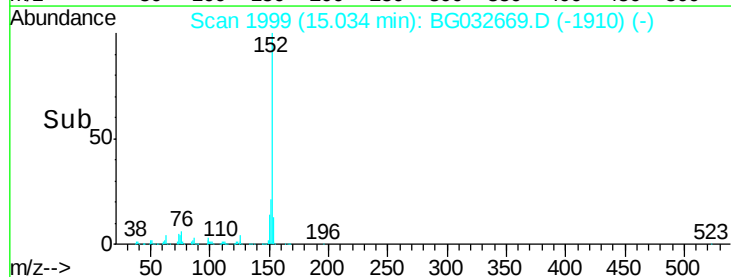
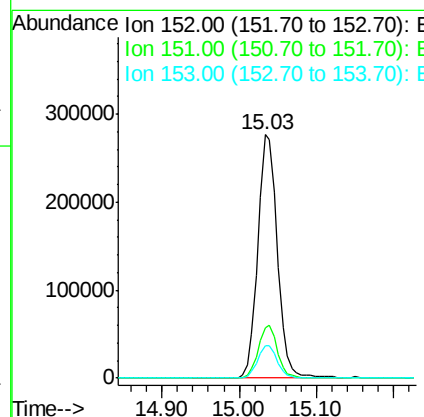
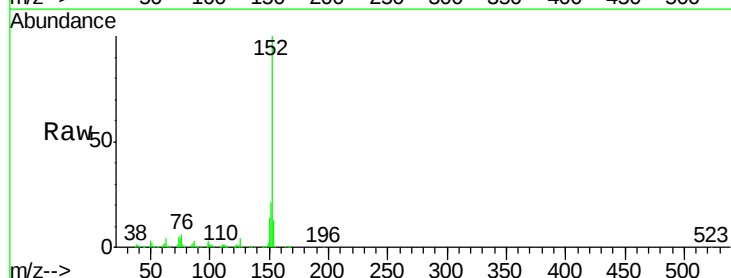
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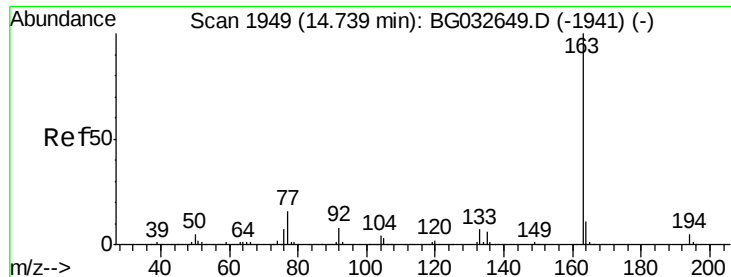
Sohil
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#48
Acenaphthylene
Concen: 45.075 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	13.4	10.2	15.4





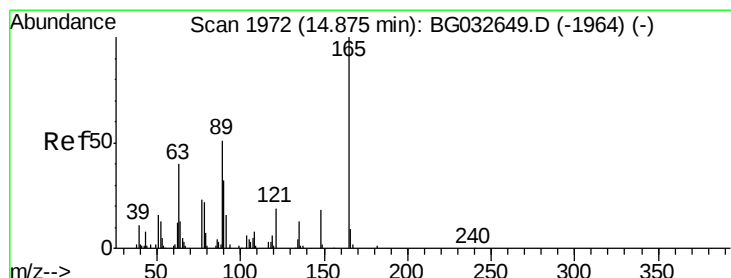
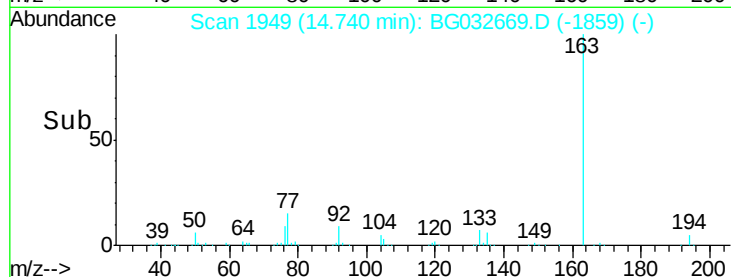
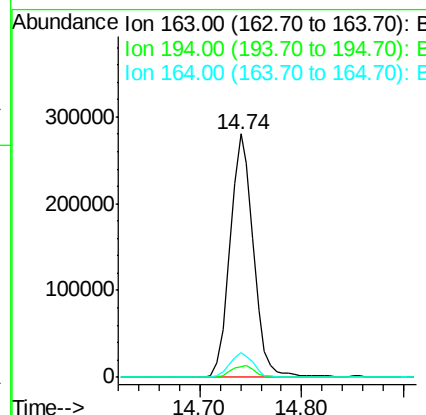
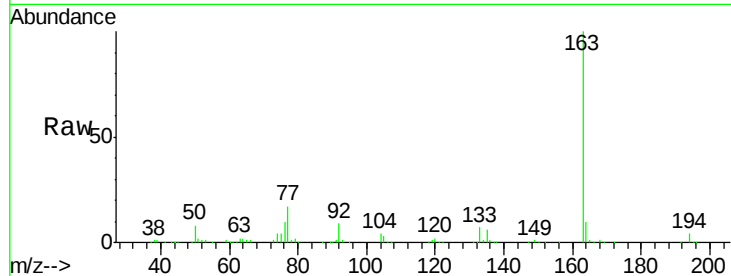
#49
Dimethylphthalate
Concen: 45.361 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	447380		
194	4.4		3.4	5.2
164	10.2		8.2	12.4

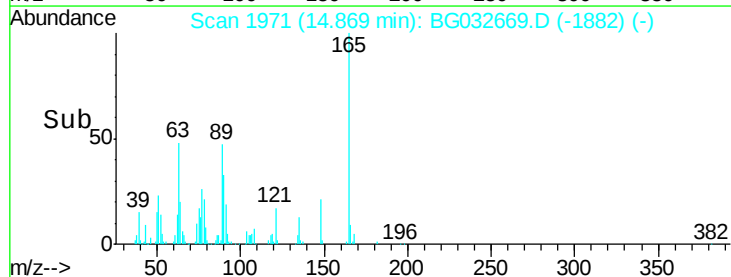
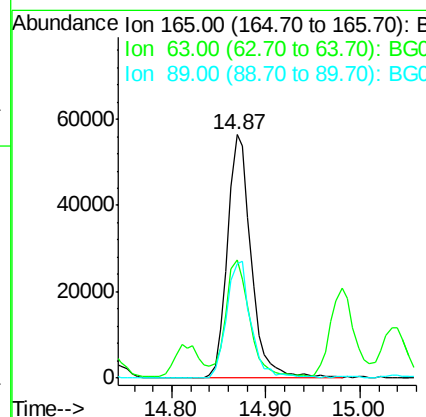
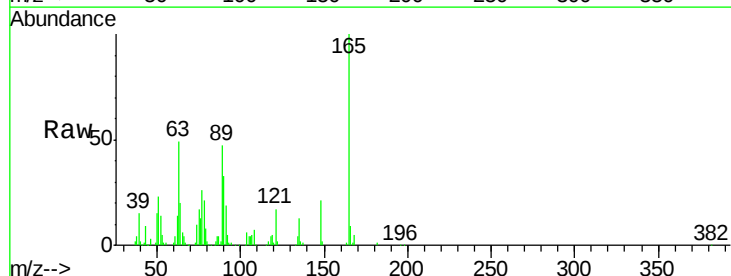
Manual Integrations
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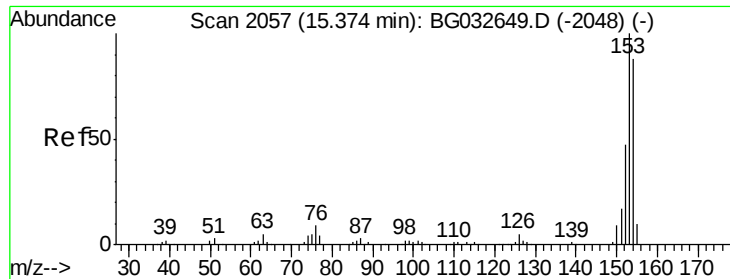
Sohil
2/14/2018 10:31:12 AM



#50
2,6-Dinitrotoluene
Concen: 48.953 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	99433		
63	48.6		52.7	79.1#
89	46.8		49.2	73.8#





#51

Acenaphthene

Concen: 43.517 ng

RT: 15.37 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

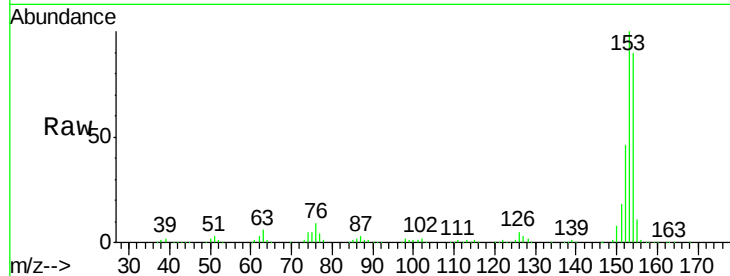
ClientSampleId :

CL-01-021218-AMSD

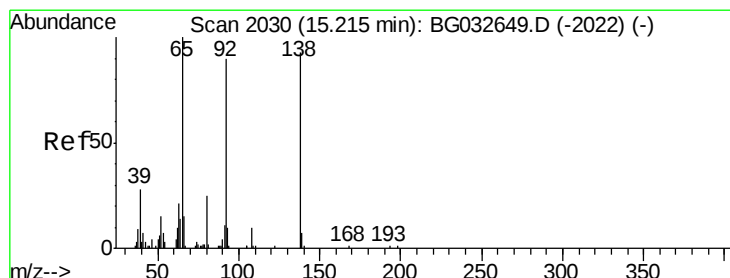
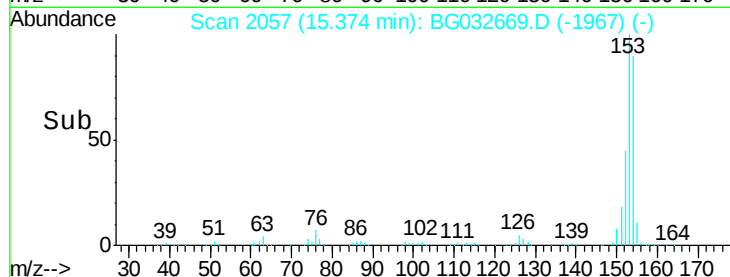
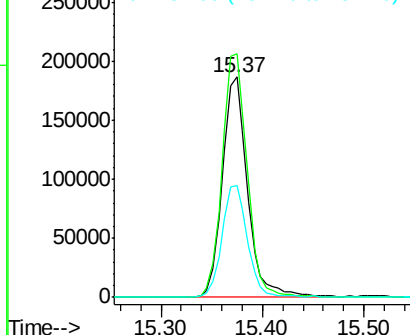
Tot Ion:	154	Resp:	324815
Ion Ratio	Lower	Upper	
154	100		
153	110.6	90.4	135.6
152	50.5	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.721 ng

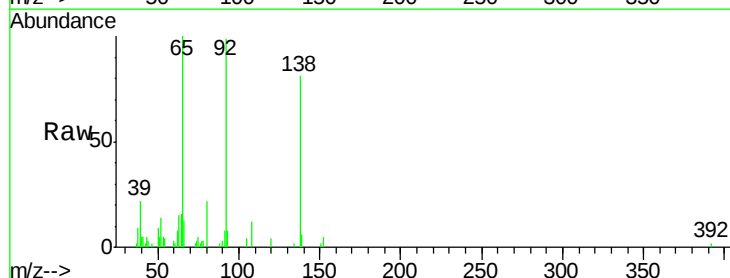
RT: 15.21 min Scan# 2029

Delta R.T. -0.01 min

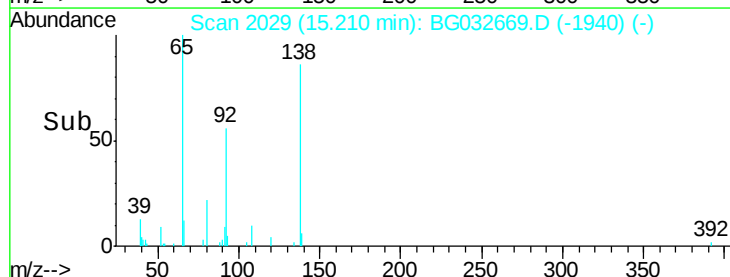
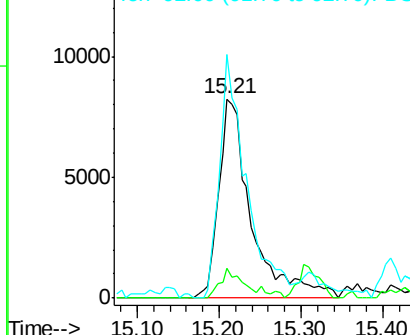
Lab File: BG032669.D

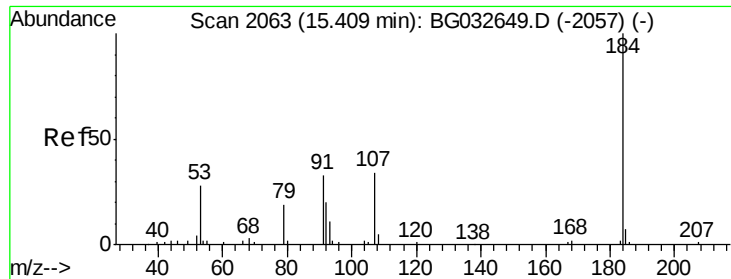
Acq: 13 Feb 2018 20:28

Tgt Ion:	138	Resp:	22818
Ion Ratio	Lower	Upper	
138	100		
108	15.1	17.5	26.3#
92	122.1	105.8	158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





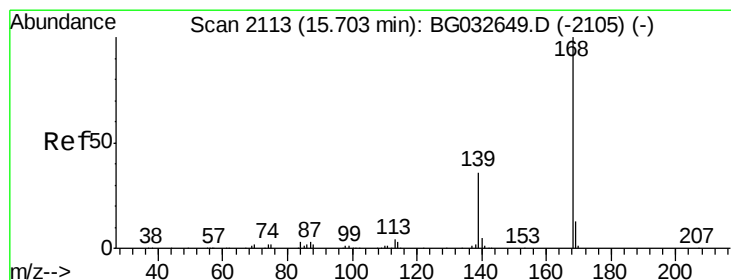
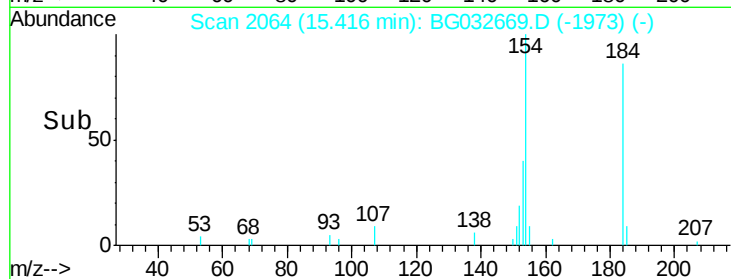
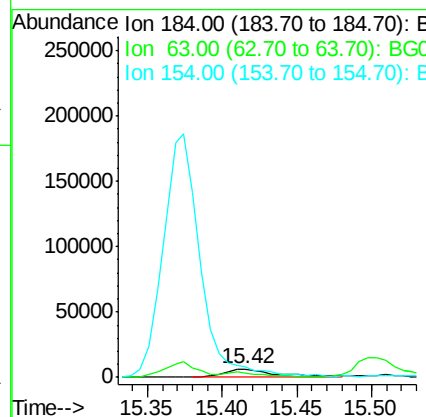
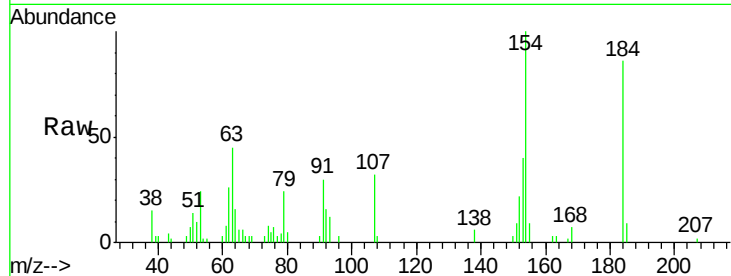
#53
2,4-Dinitrophenol
Concen: 24.017 ng
RT: 15.42 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.6	59.8	89.8#
154	116.3	101.8	152.8

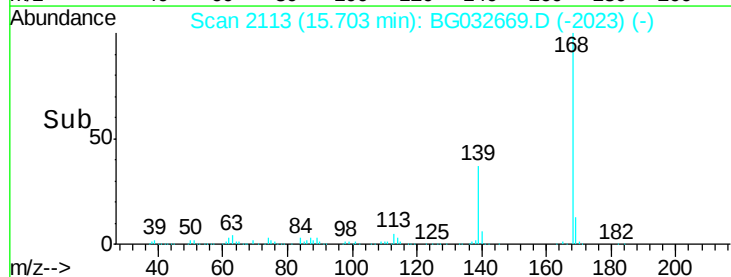
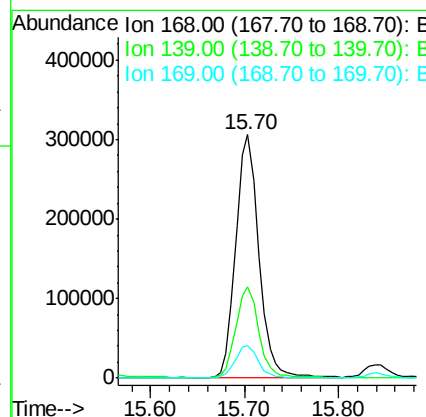
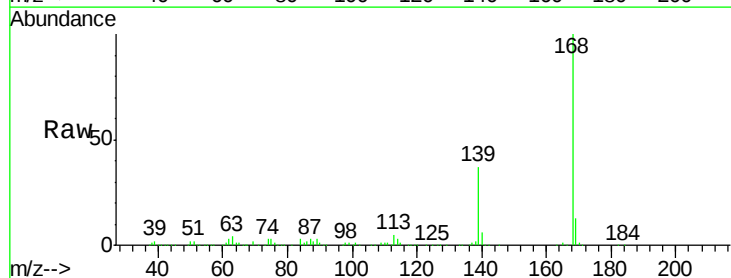
Manual Integrations
APPROVED

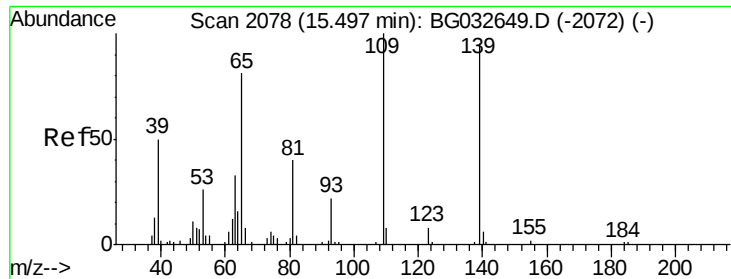
Sohil
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#54
Dibenzofuran
Concen: 47.461 ng
RT: 15.70 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	28.6	43.0
169	13.2	11.2	16.8





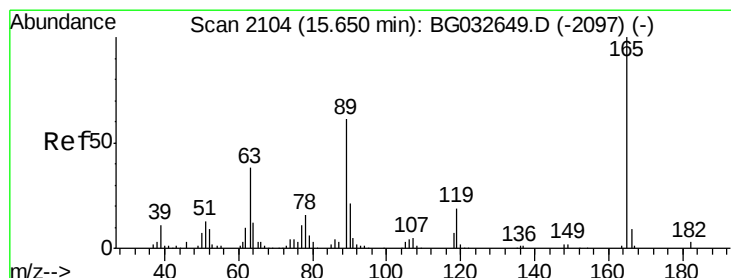
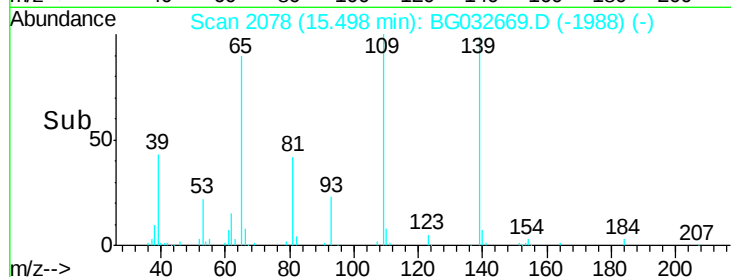
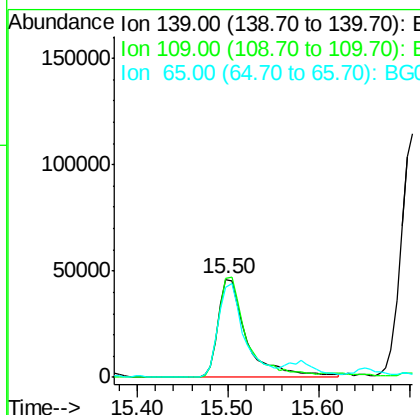
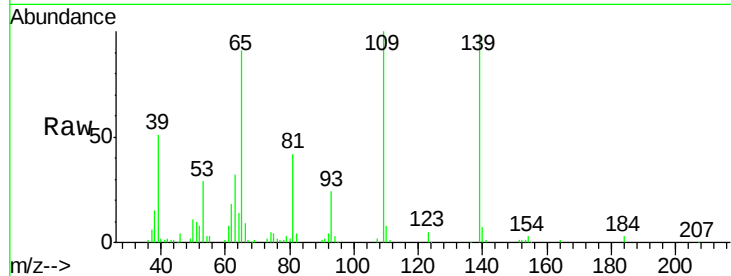
#55
4-Nitrophenol
Concen: 76.934 ng
RT: 15.50 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	100.8	62.2	102.2	
65	91.8	97.2	137.2	

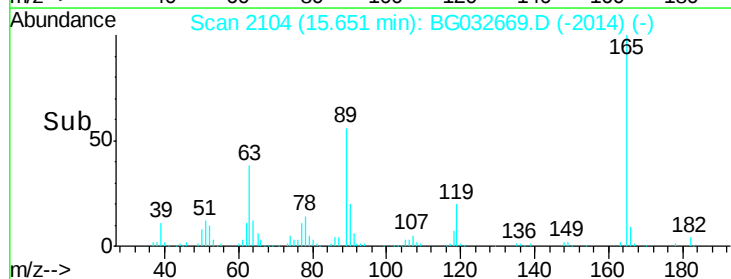
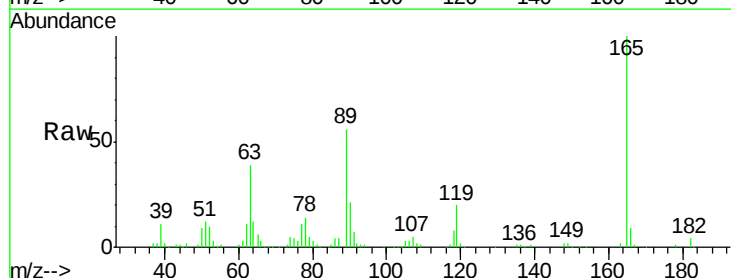
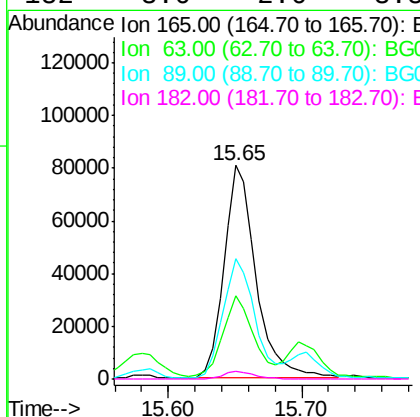
Manual Integrations
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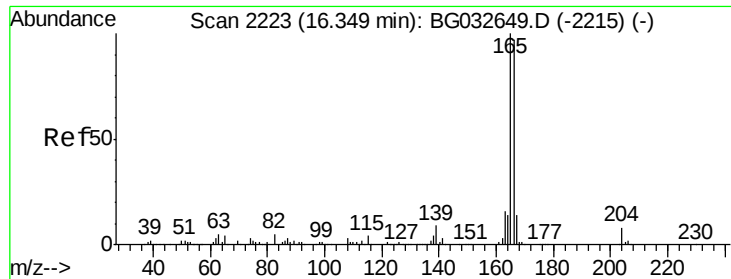
Sohil
2/14/2018 10:31:12 AM



#56
2,4-Dinitrotoluene
Concen: 48.521 ng
RT: 15.65 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.8	42.0	63.0	
89	56.1	66.9	100.3	
182	3.6	2.6	3.8	





#57

Fluorene

Concen: 46.395 ng

RT: 16.35 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

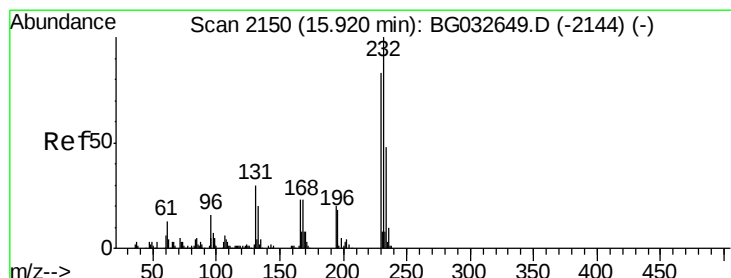
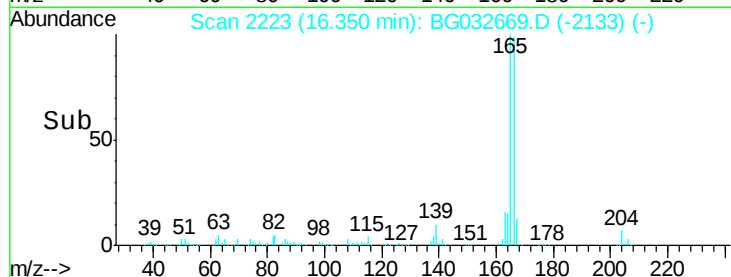
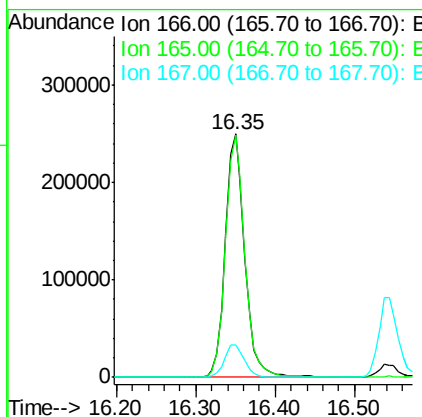
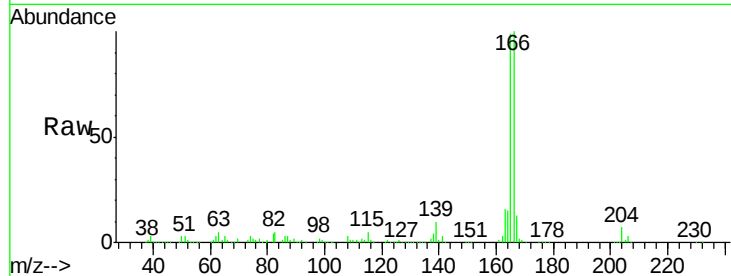
ClientSampleId :

CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.6	121.0
167	13.5	10.4	15.6

Manual Integrations
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2/14/2018 10:31:12 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.189 ng

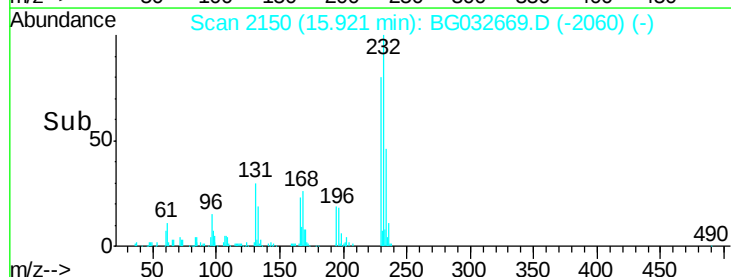
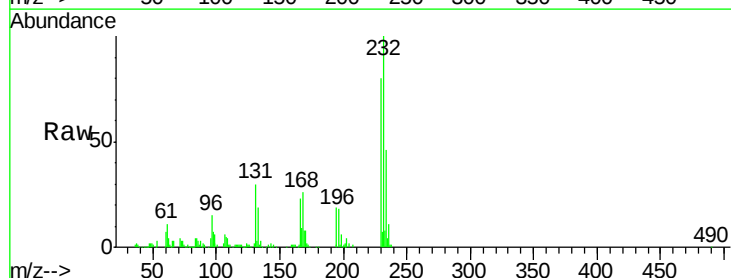
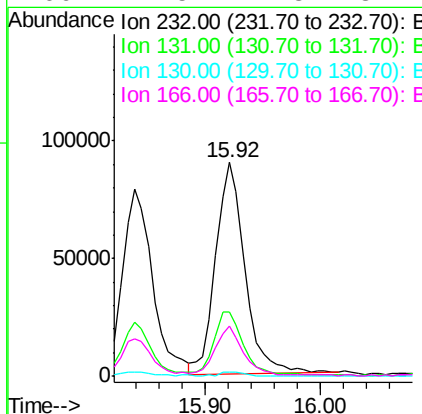
RT: 15.92 min Scan# 2150

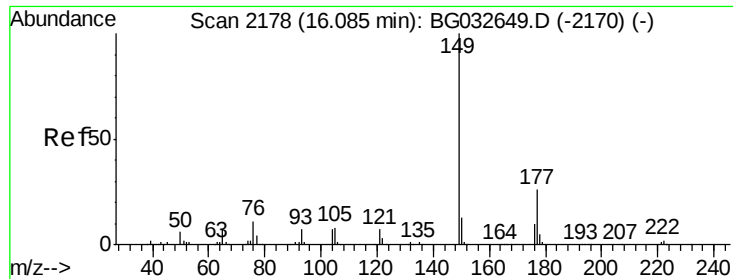
Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.7	33.5	50.3#
130	1.7	2.2	3.2#
166	22.5	24.8	37.2#





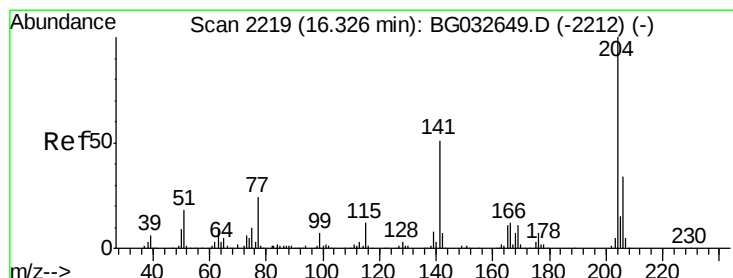
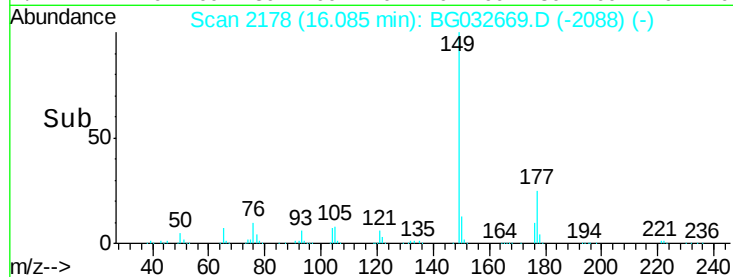
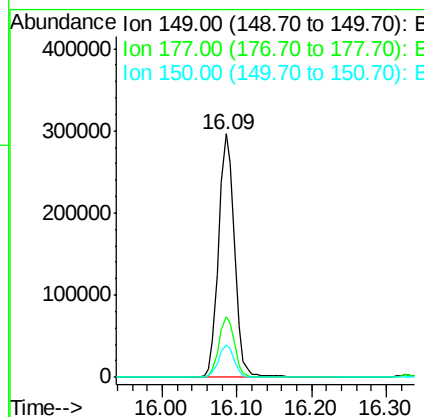
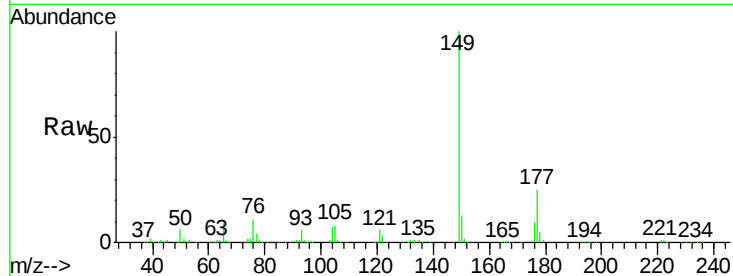
#59
Diethylphthalate
Concen: 45.386 ng
RT: 16.09 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	13.1	10.2	15.2

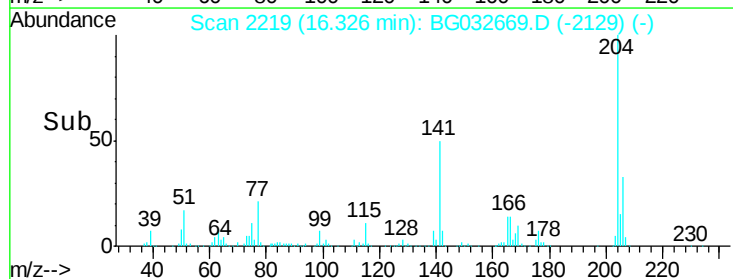
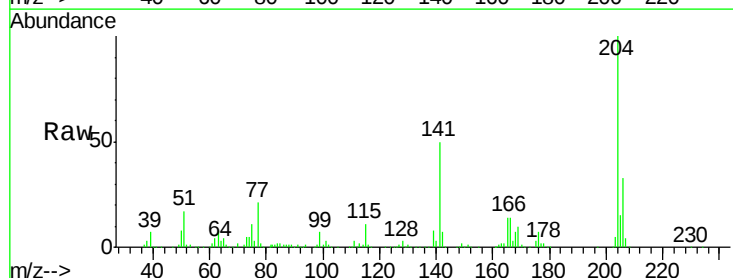
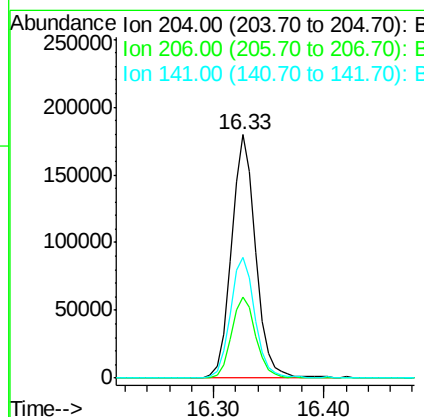
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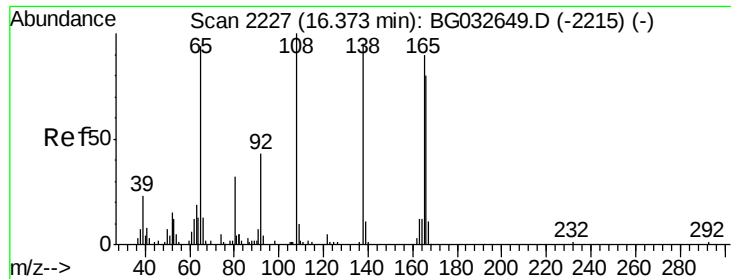
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 45.927 ng
RT: 16.33 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	49.8	45.8	68.6





#61

4-Nitroaniline

Concen: 35.402 ng

RT: 16.37 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

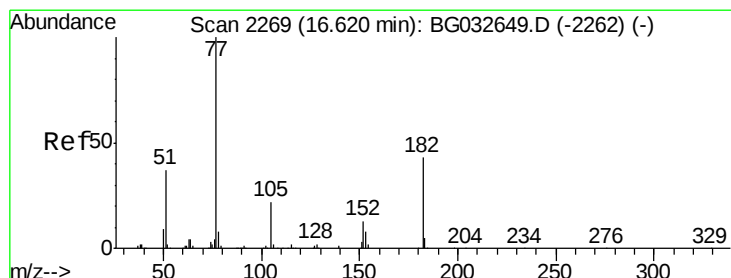
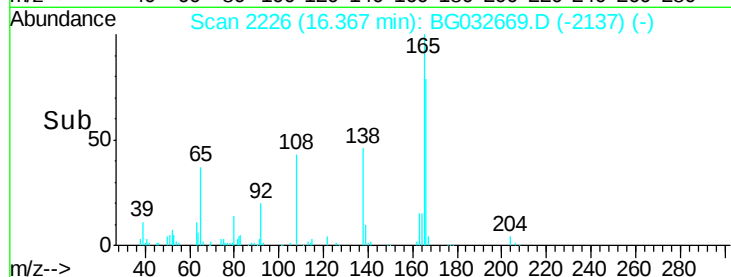
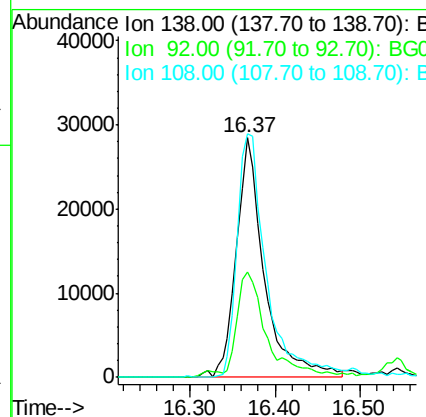
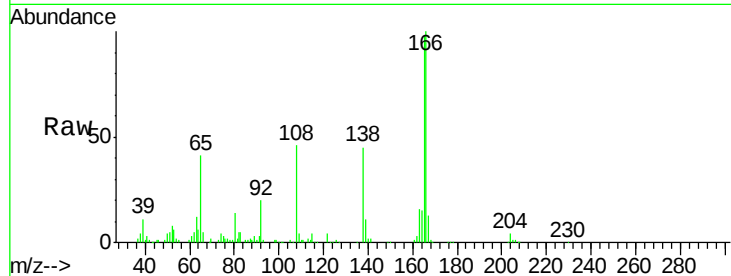
ClientSampleId :

CL-01-021218-AMSD

Tot Ion:	138	Resp:	65469
Ion	Ratio	Lower	Upper
138	100		
92	43.8	40.1	80.1
108	101.8	65.4	105.4

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#62

Azobenzene

Concen: 46.518 ng

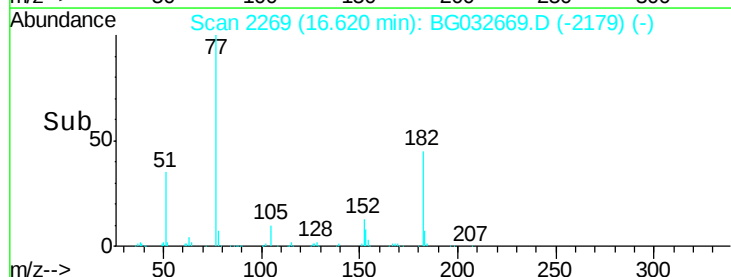
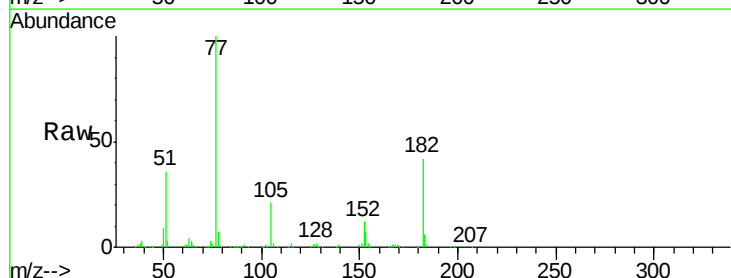
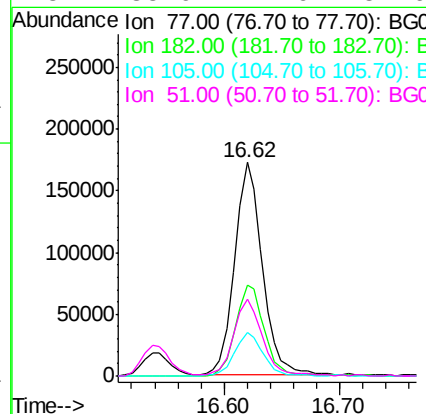
RT: 16.62 min Scan# 2269

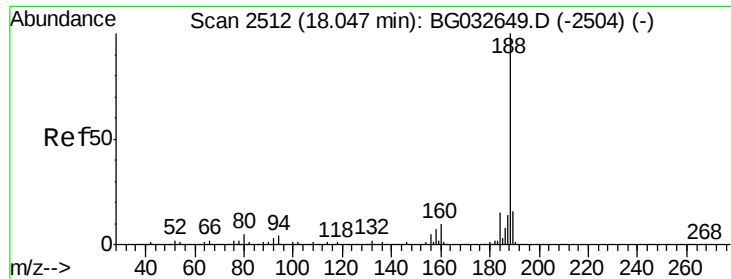
Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion:	77	Resp:	286809
Ion	Ratio	Lower	Upper
77	100		
182	42.5	7.4	47.4
105	20.7	0.3	40.3
51	35.9	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.05 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

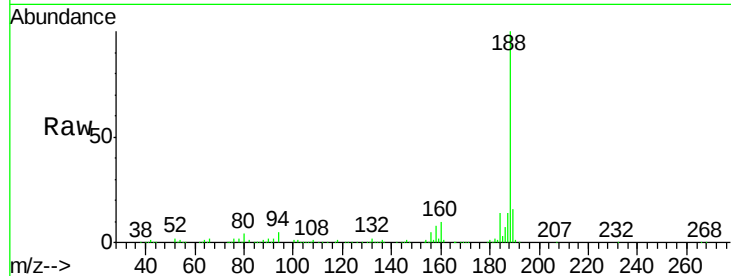
ClientSampleId :

CL-01-021218-AMSD

Tot Ion:	188	Resp:	288311
Ion Ratio	Lower	Upper	
188	100		
94	4.9	6.9	10.3#
80	4.3	7.7	11.5#

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

18.05

150000

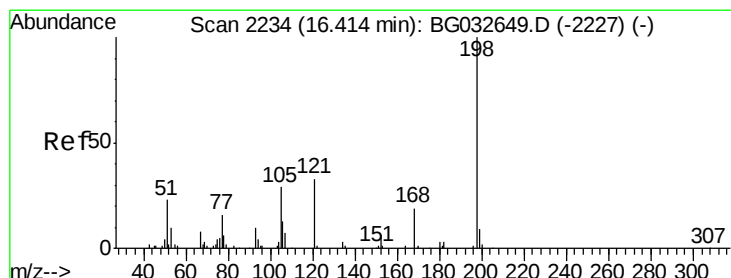
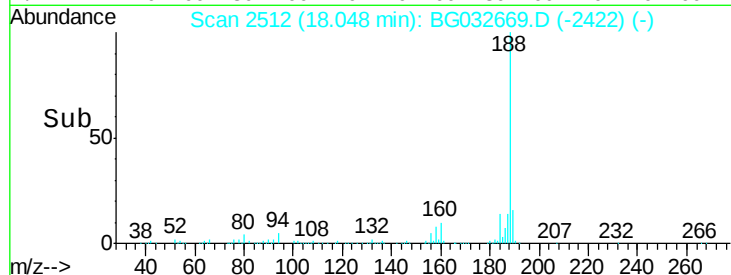
100000

50000

0

18.00 18.10

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 16.374 ng

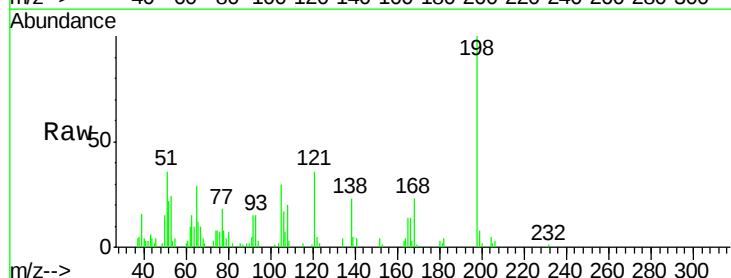
RT: 16.41 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion:	198	Resp:	26585
Ion Ratio	Lower	Upper	
198	100		
51	36.2	30.6	70.6
105	29.6	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

16.41

40000

30000

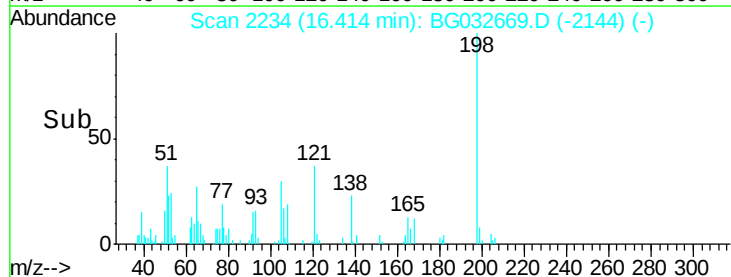
20000

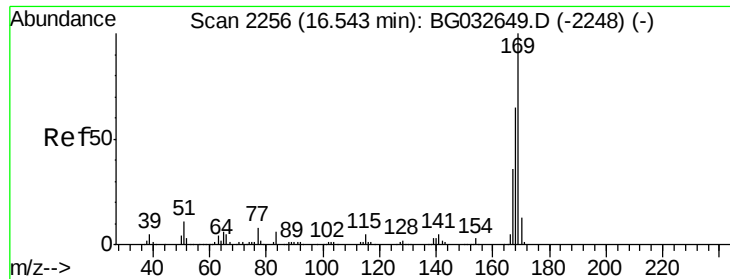
10000

0

16.40 16.50

Time-->





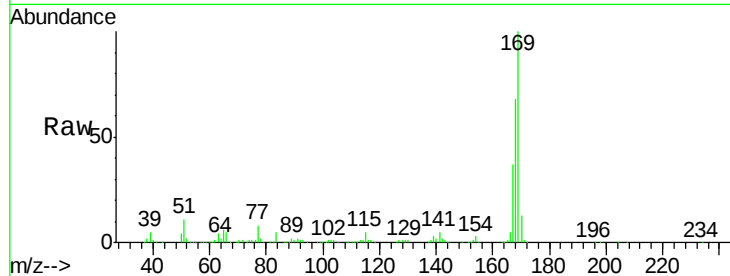
#65
n-Nitrosodiphenylamine
Concen: 45.454 ng
RT: 16.54 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		384343		
168	68.5	55.7		83.5	
167	36.8	30.1		45.1	

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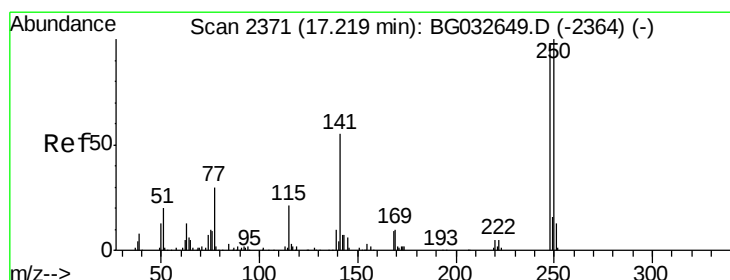
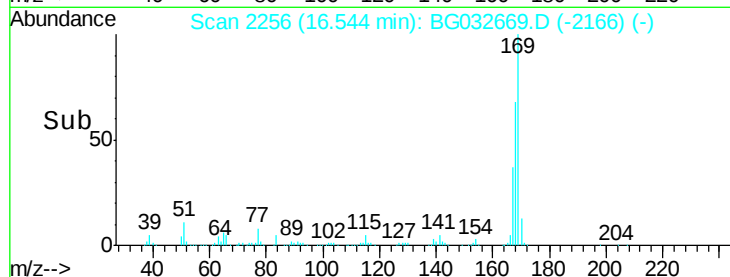
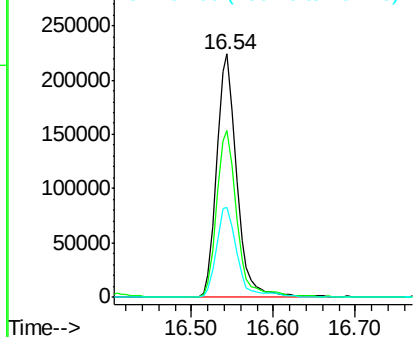


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 47.082 ng
RT: 17.22 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

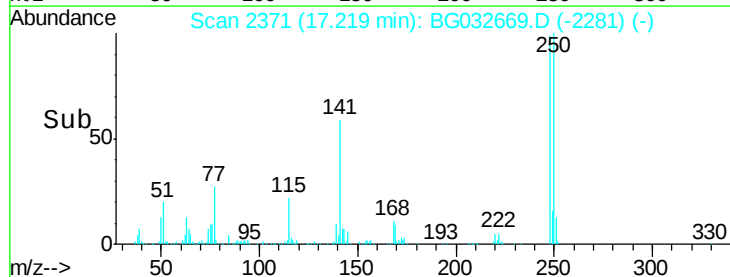
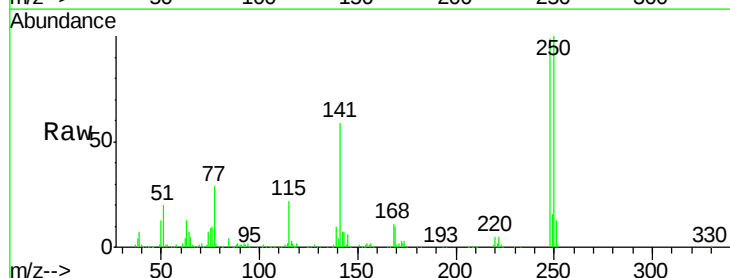
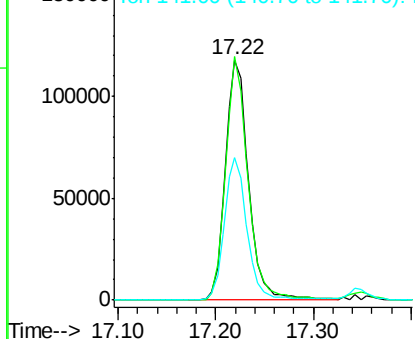
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		194268		
250	101.5	77.1		115.7	
141	59.6	50.8		76.2	

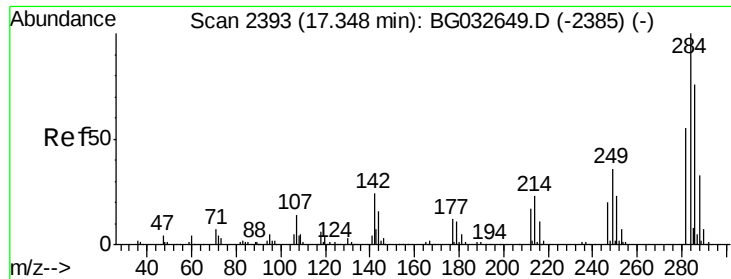
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





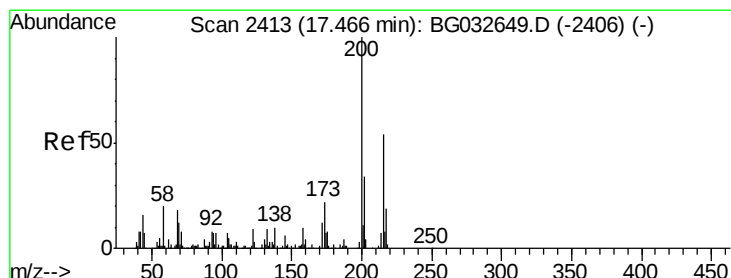
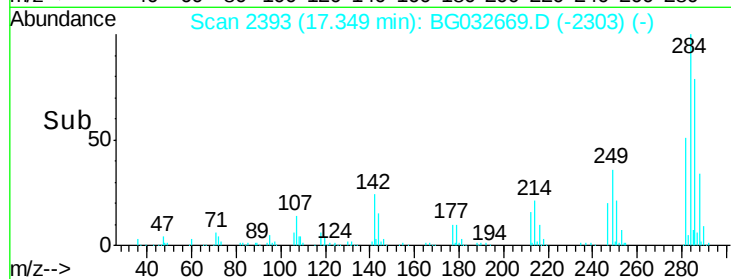
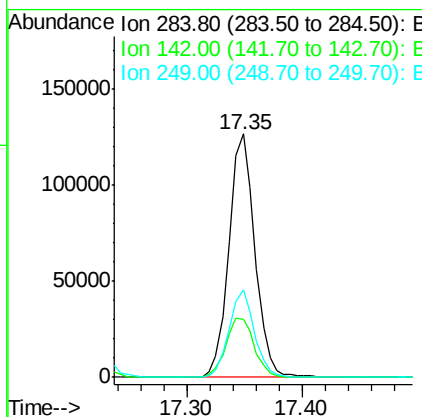
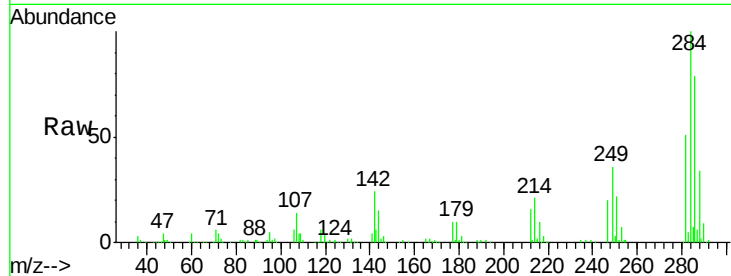
#67
Hexachlorobenzene
Concen: 44.478 ng
RT: 17.35 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	197113		
142	24.0	26.8	40.2	
249	36.1	26.3	39.5	

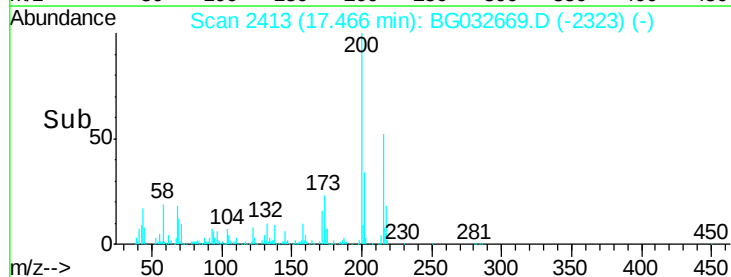
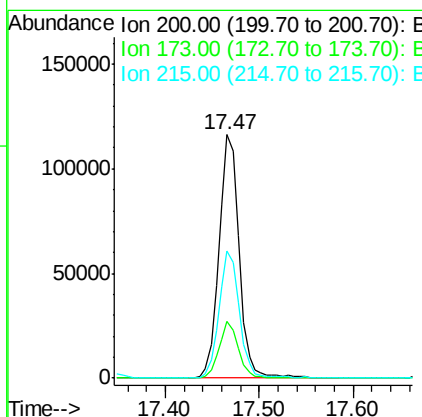
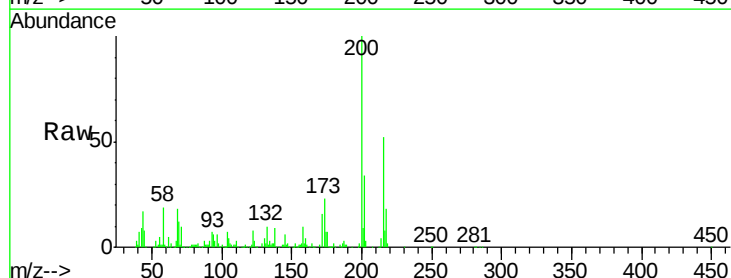
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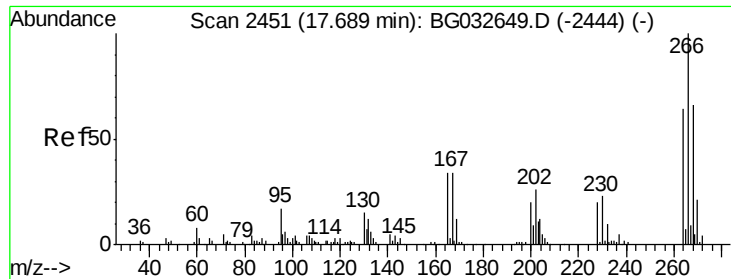
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#68
Atrazine
Concen: 48.120 ng
RT: 17.47 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	174518		
173	23.4	5.2	45.2	
215	52.4	30.4	70.4	





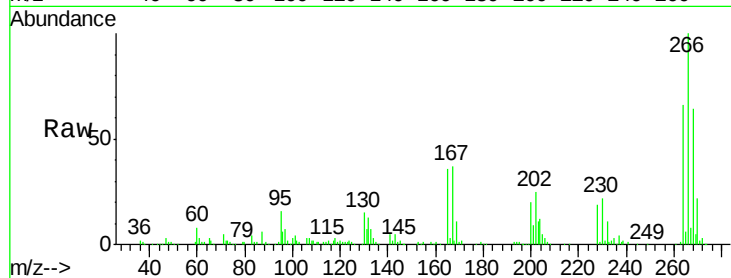
#69
 Pentachlorophenol
 Concen: 50.410 ng
 RT: 17.69 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	65.7	49.6	74.4

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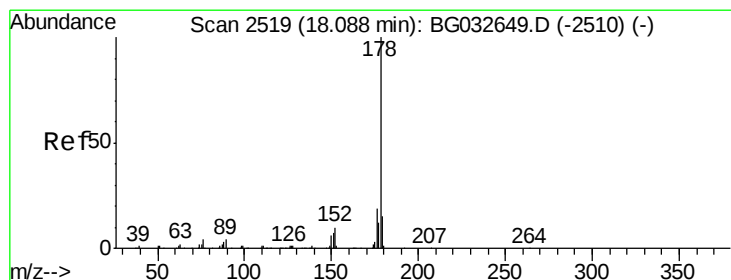
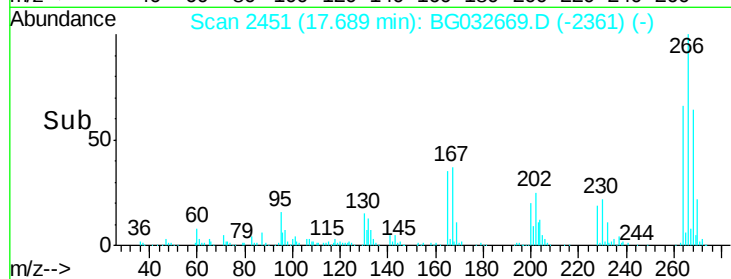
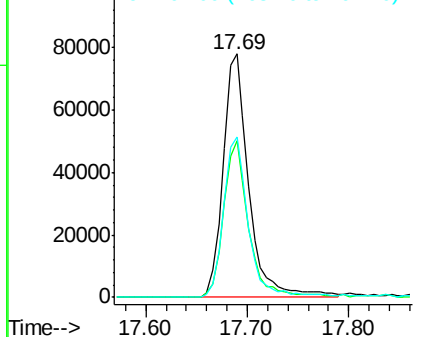


Abundance

Ion 265.70 (265.40 to 266.40): E

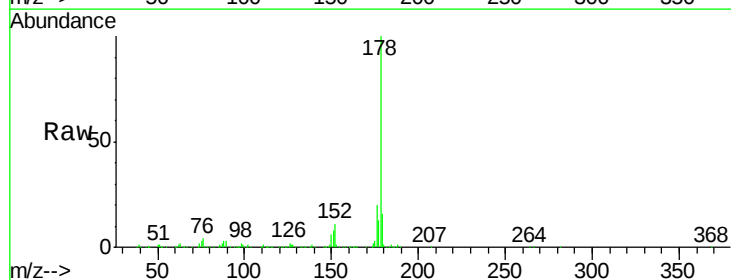
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.790 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.8	12.5	18.7

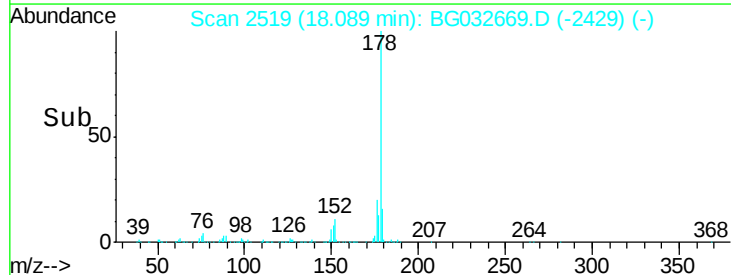
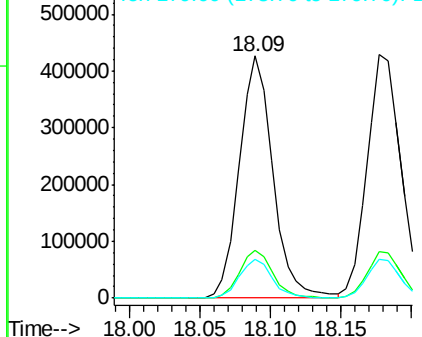


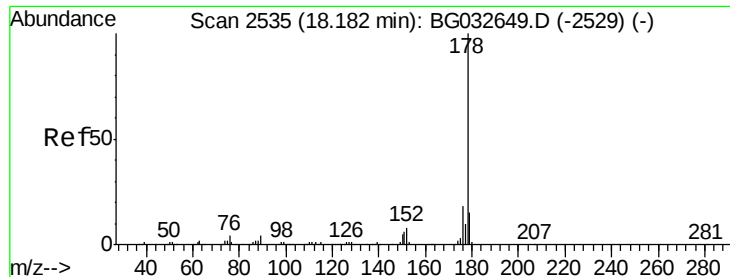
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





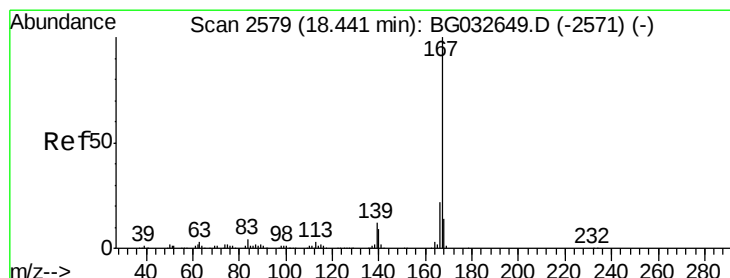
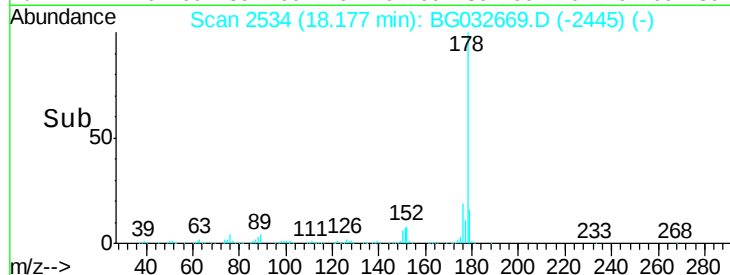
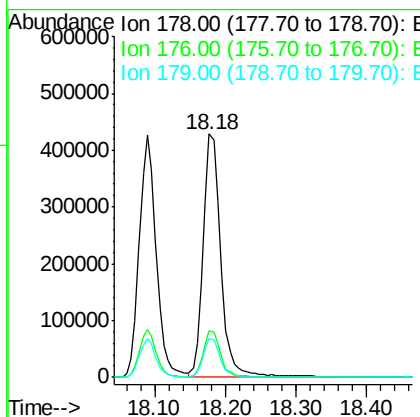
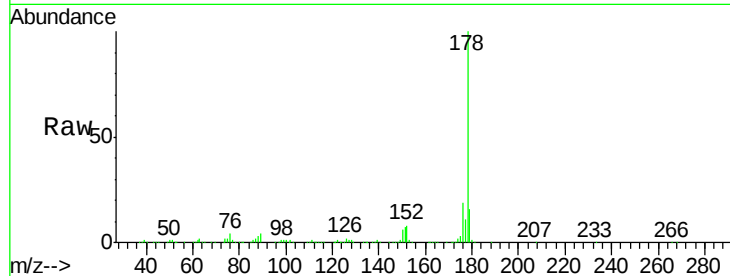
#71
 Anthracene
 Concen: 47.087 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.9	12.5	18.7

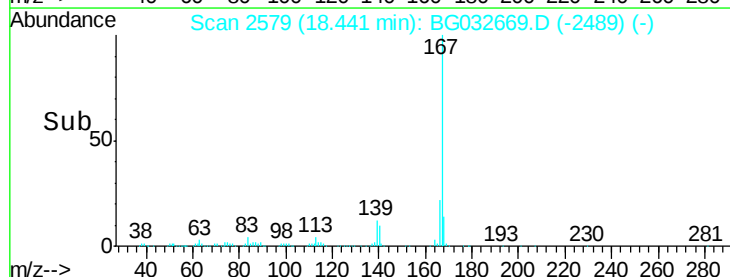
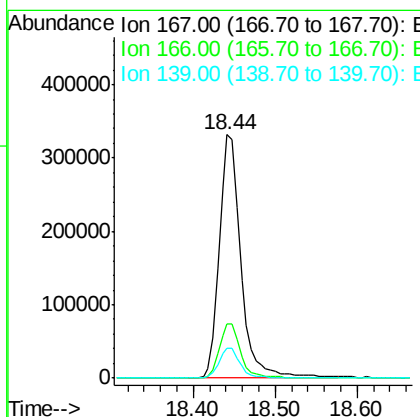
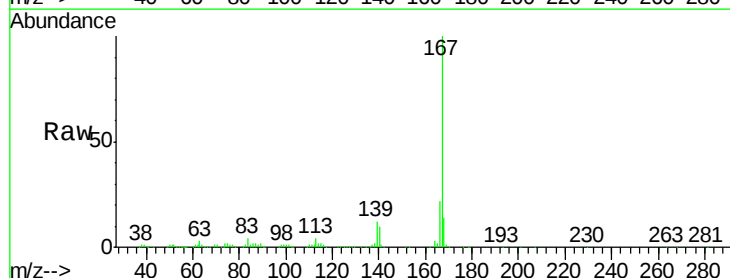
Manual Integrations
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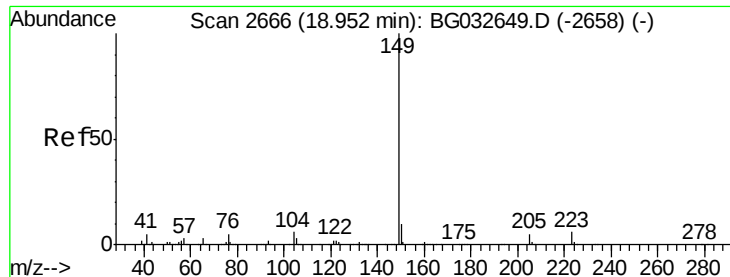
Sohil
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#72
 Carbazole
 Concen: 45.316 ng
 RT: 18.44 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	12.4	9.4	14.2





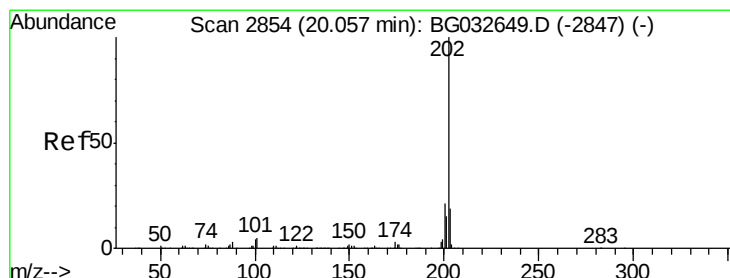
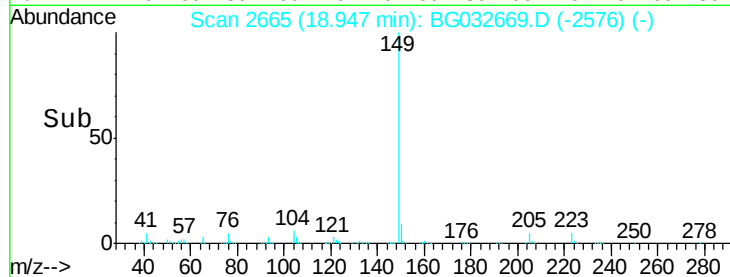
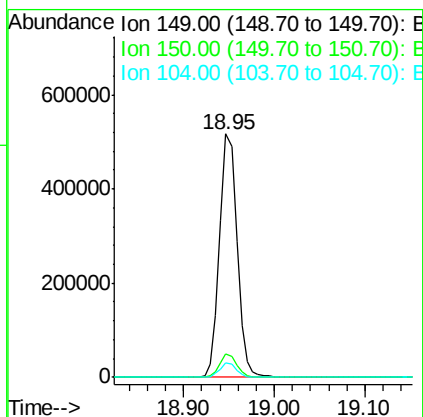
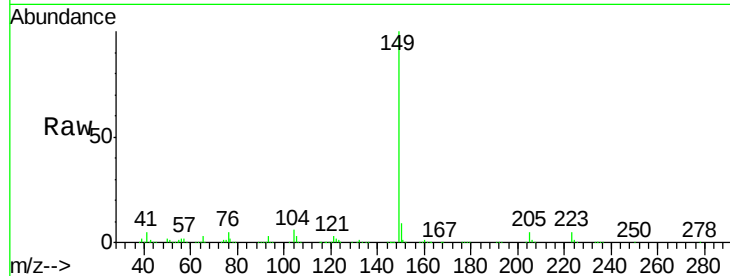
#73
Di-n-butylphthalate
Concen: 45.717 ng
RT: 18.95 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	6.0	3.9	5.9

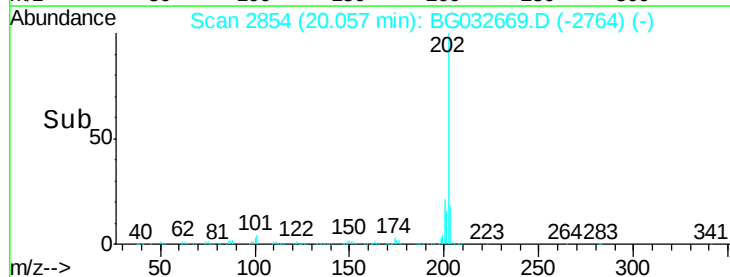
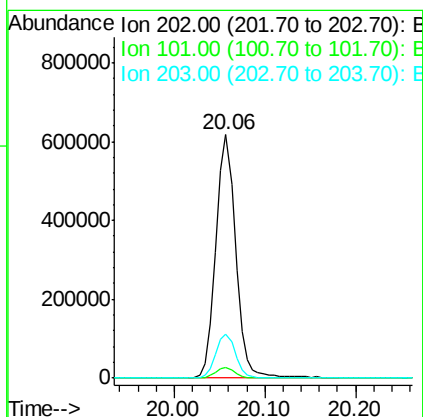
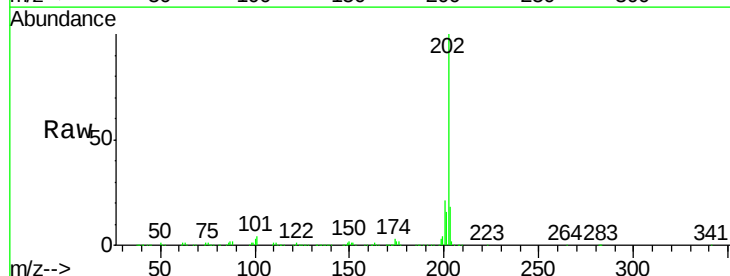
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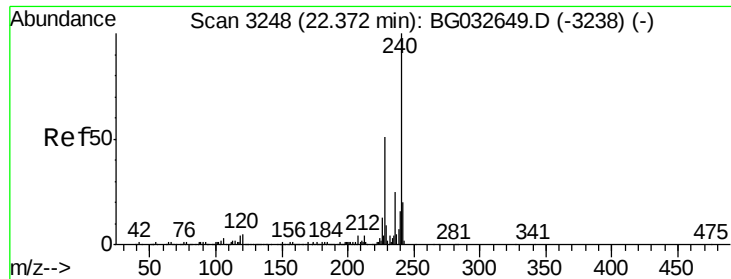
Sohil
2/14/2018 10:31:12 AM



#74
Fluoranthene
Concen: 45.431 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.4	0.0	28.9
203	18.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.37 min Scan# 3248

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

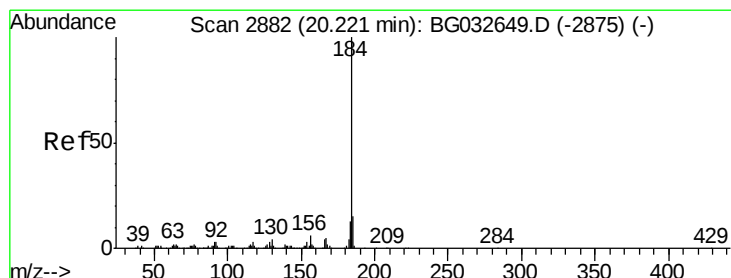
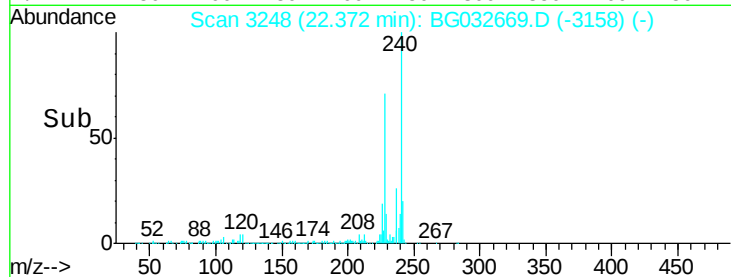
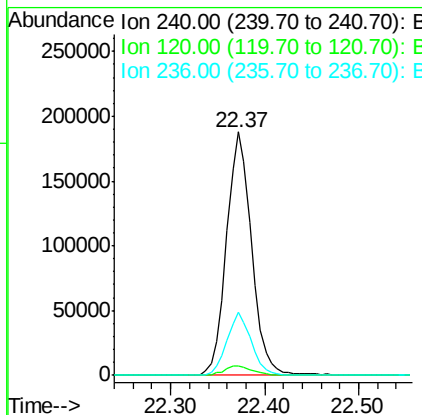
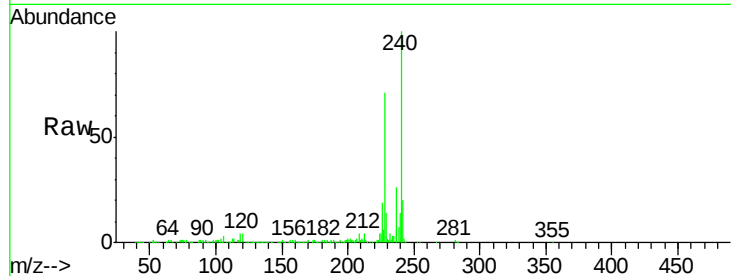
ClientSampleId :

CL-01-021218-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	4.0	6.8	10.2		
236	26.1	20.9	31.3		

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2/14/2018 10:31:12 AM



#76

Benzidine

Concen: 12.299 ng

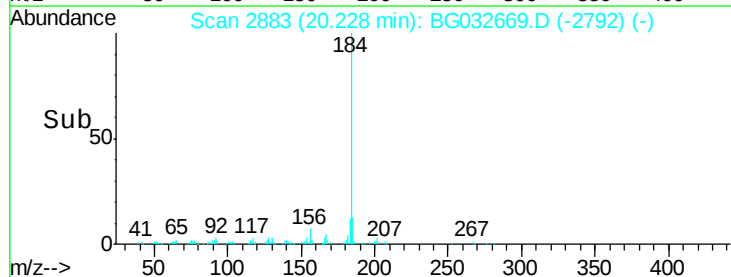
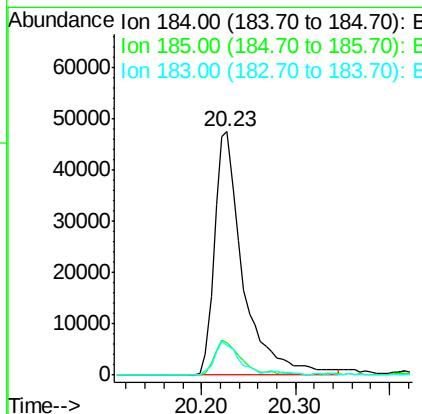
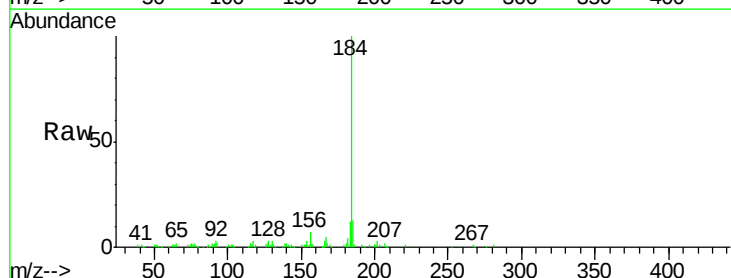
RT: 20.23 min Scan# 2883

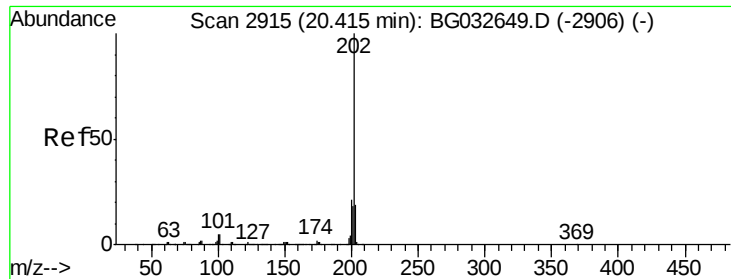
Delta R.T. 0.01 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	13.2	11.1	16.7		
183	12.0	10.6	16.0		





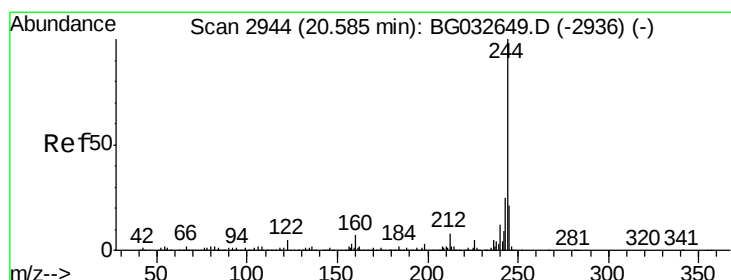
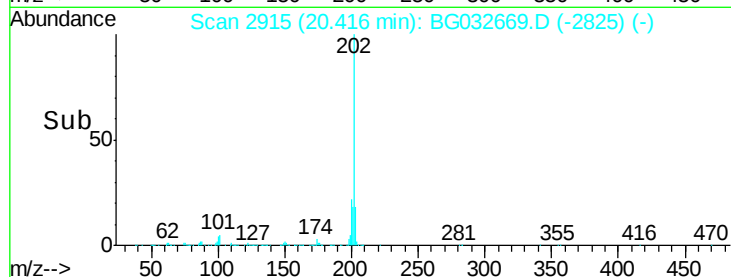
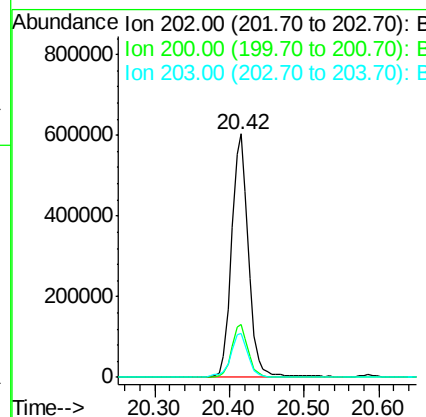
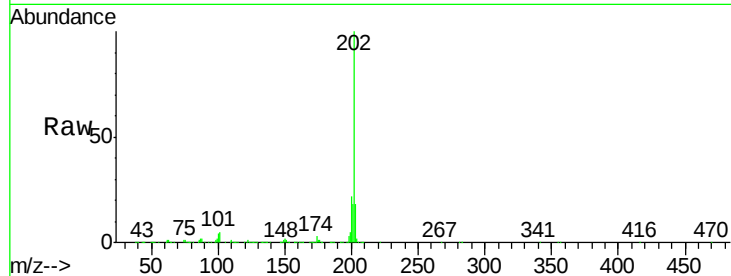
#77
Pvrene
Concen: 45.908 ng
RT: 20.42 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.3	13.9	20.9

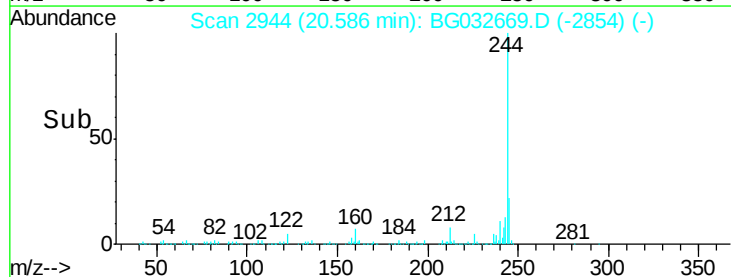
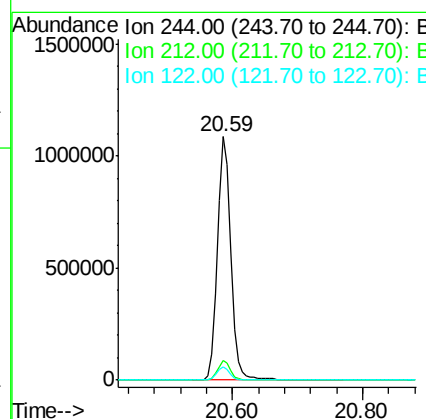
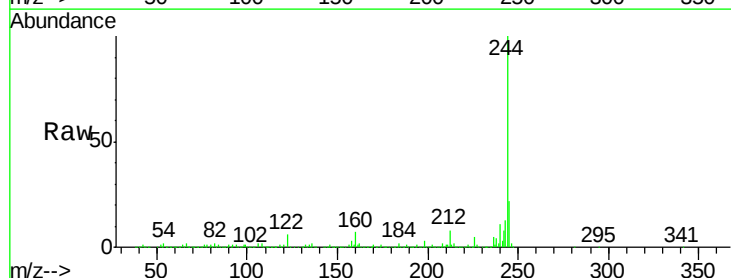
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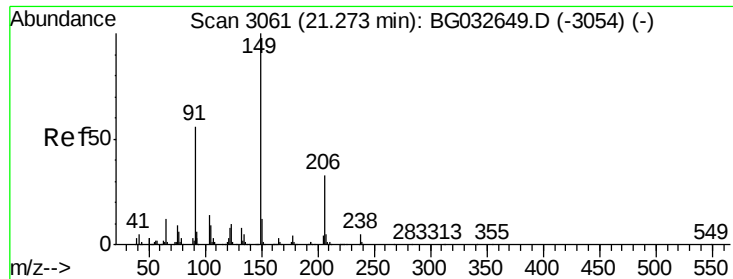
Sohil
2/14/2018 10:31:12 AM



#78
Terphenyl-d14
Concen: 101.495 ng
RT: 20.59 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.6	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 47.576 ng

RT: 21.27 min Scan# 3061

Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Instrument :

BNA_G

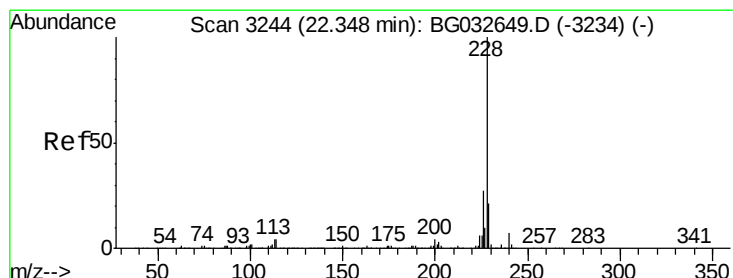
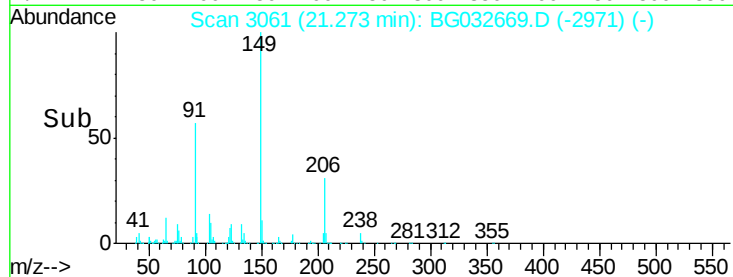
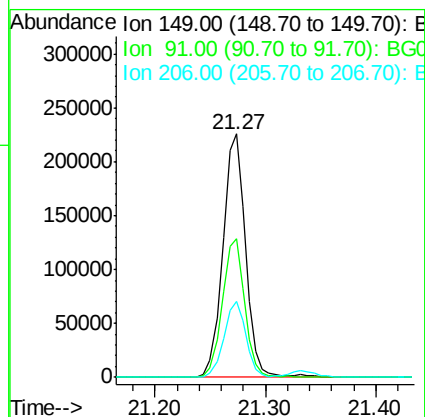
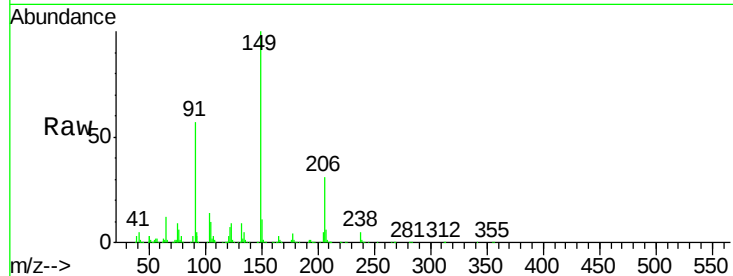
ClientSampleId :

CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	56.8	62.2	93.2#
206	31.3	18.6	27.8#

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#80

Benzo(a)anthracene

Concen: 46.086 ng

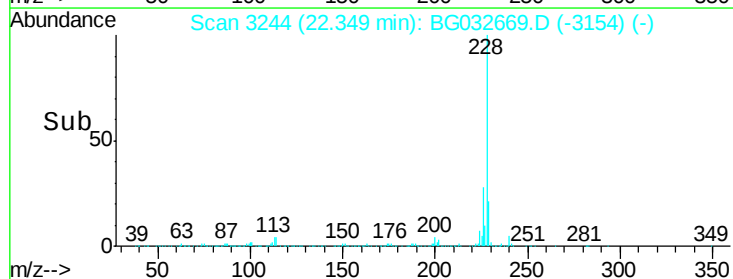
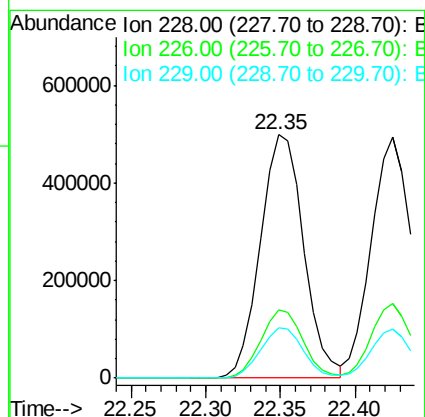
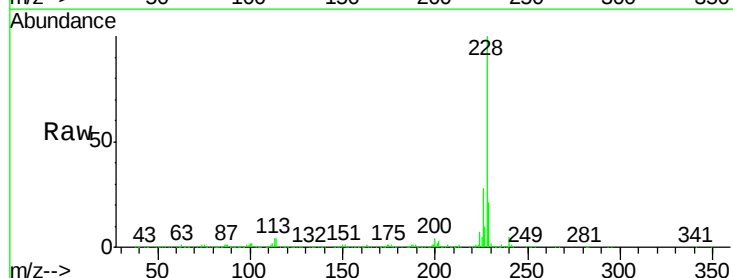
RT: 22.35 min Scan# 3244

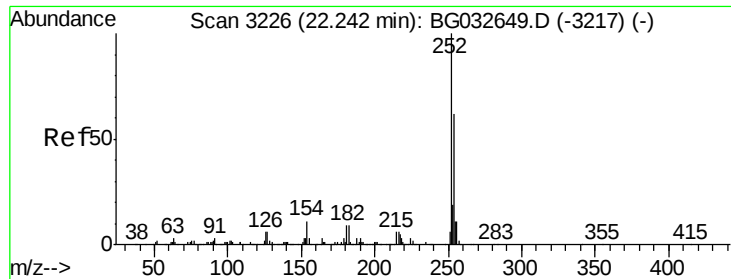
Delta R.T. 0.00 min

Lab File: BG032669.D

Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.7	16.2	24.2





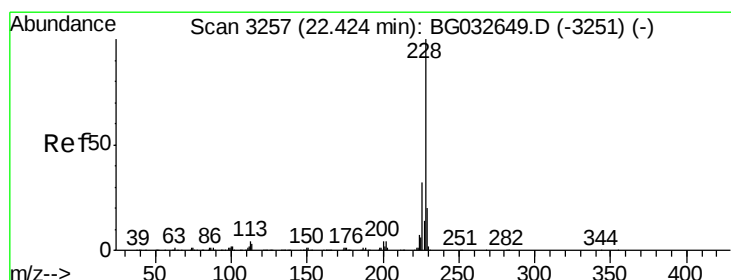
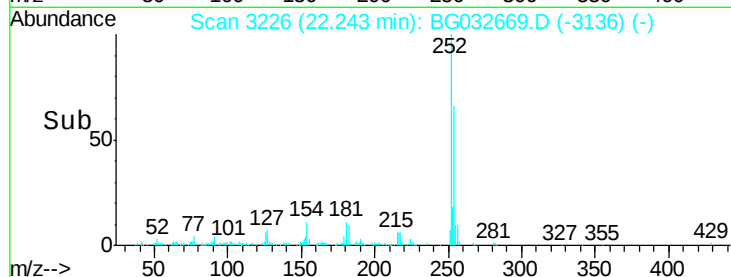
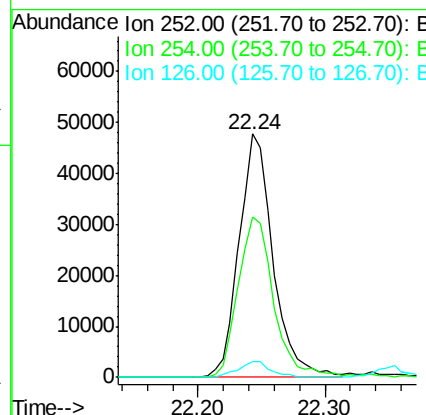
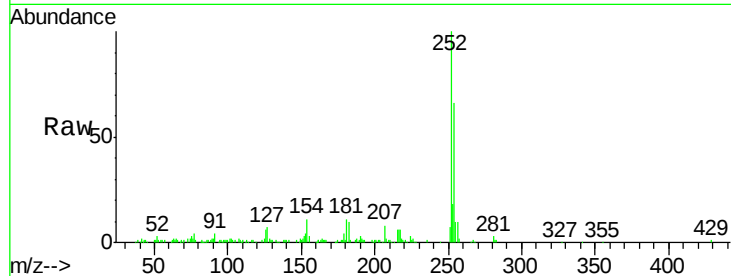
#81
 3,3'-Dichlorobenzidine
 Concen: 10.888 ng
 RT: 22.24 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	6.3	7.4	11.2#

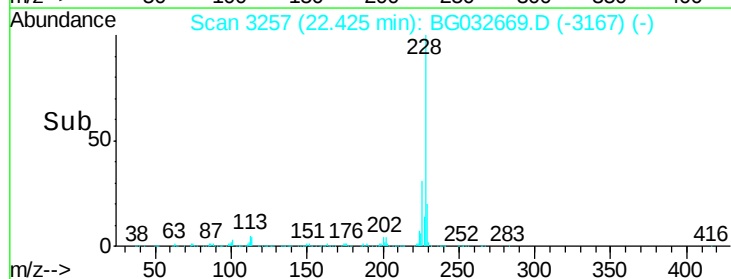
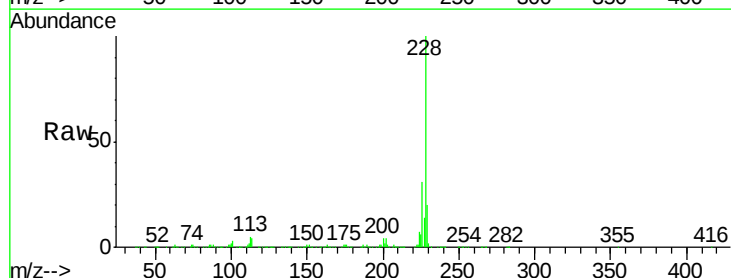
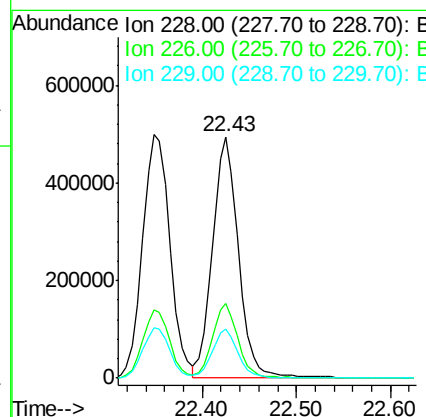
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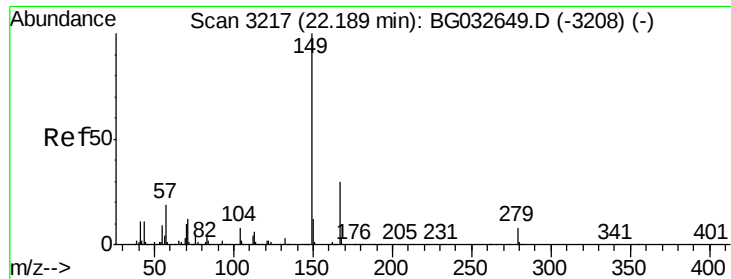
Sohil
 2/14/2018 10:31:12 AM



#82
 Chrysene
 Concen: 44.104 ng
 RT: 22.43 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.1	15.0	22.4





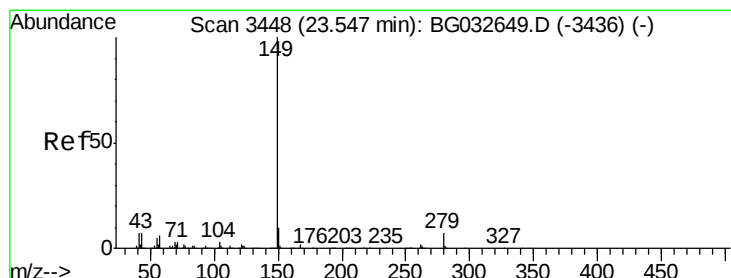
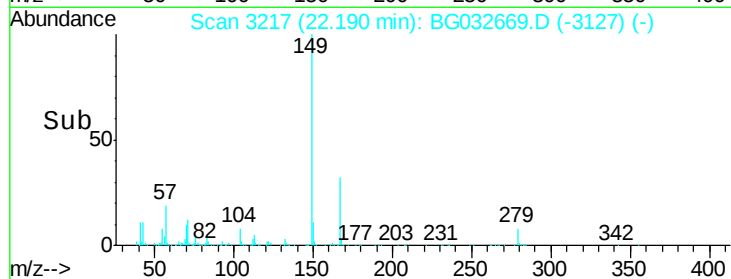
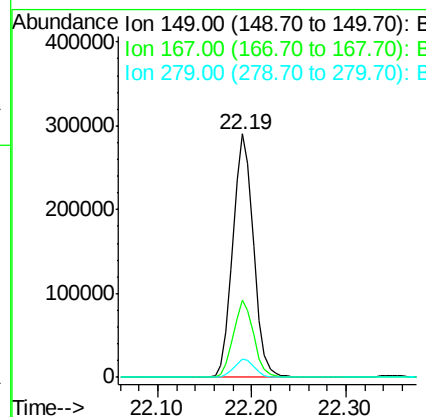
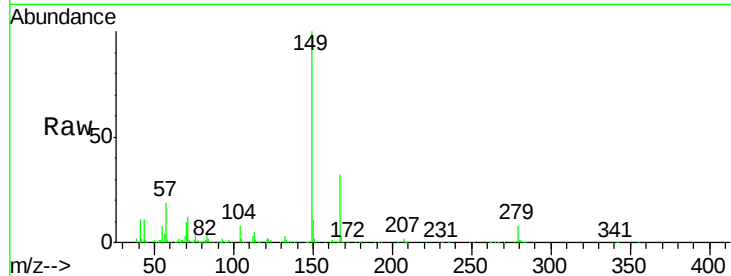
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.916 ng
 RT: 22.19 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	442226		
167	31.8	24.3	36.5	
279	7.8	4.0	6.0	

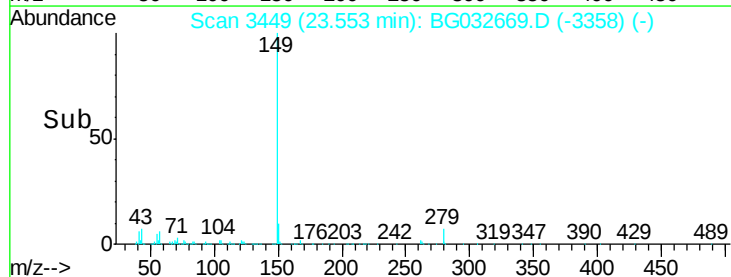
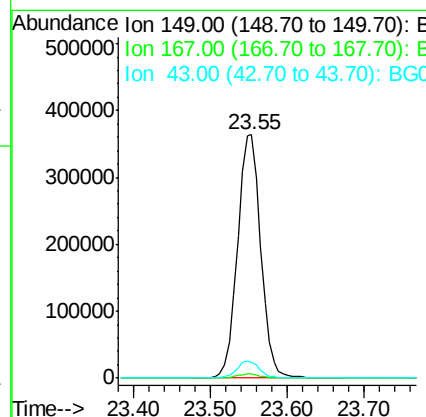
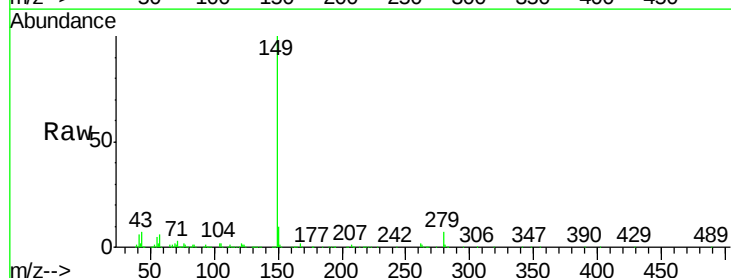
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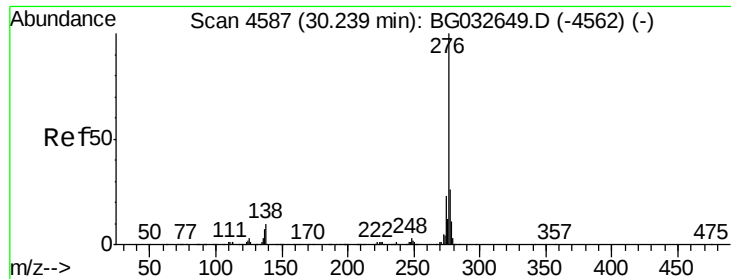
Sohil
 2/14/2018 10:31:12 AM



#84
 Di-n-octyl phthalate
 Concen: 49.728 ng
 RT: 23.55 min Scan# 3449
 Delta R.T. 0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	768160		
167	1.8	1.4	2.0	
43	6.7	8.9	13.3	





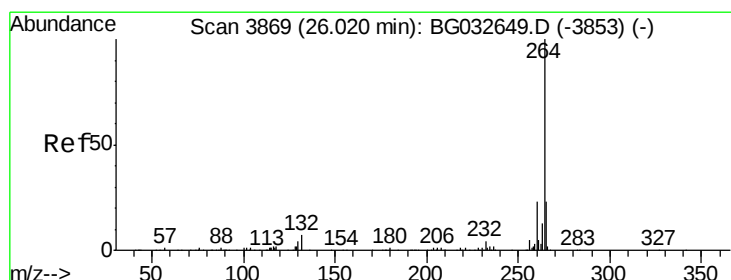
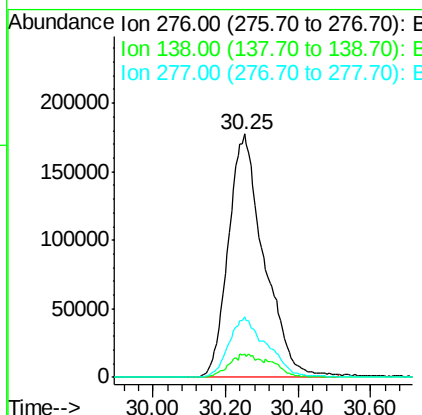
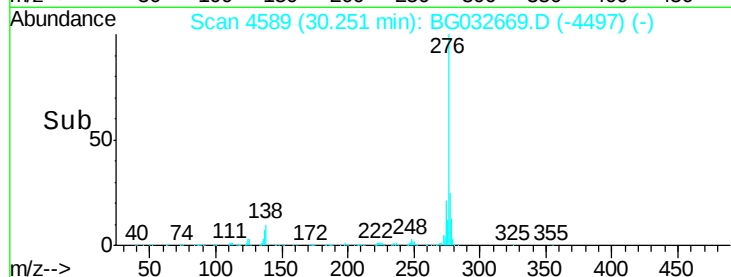
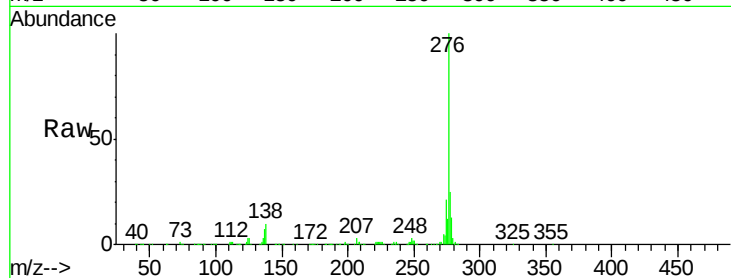
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.584 ng
 RT: 30.25 min Scan# 4589
 Delta R.T. 0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	16.0	24.0#
277	26.1	20.0	30.0

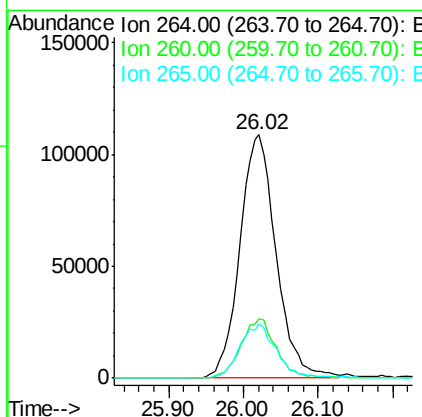
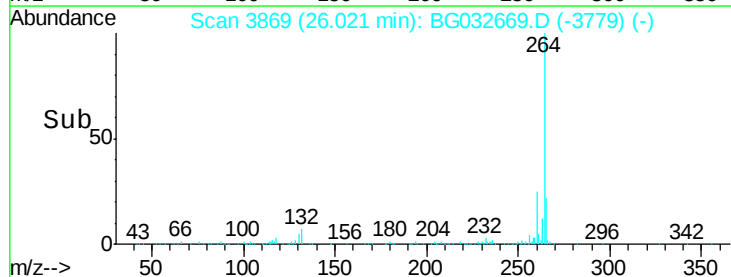
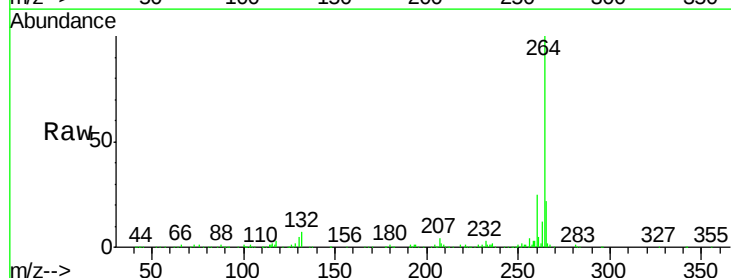
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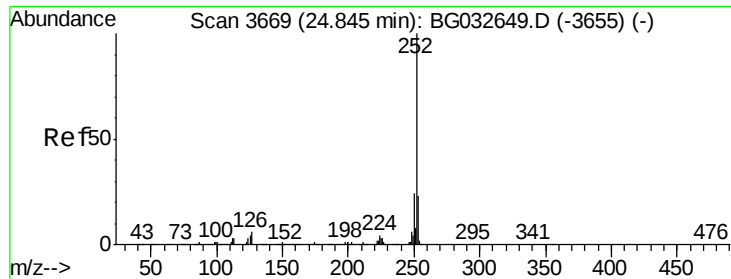
Sohil
 2/14/2018 10:31:12 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.02 min Scan# 3869
 Delta R.T. 0.00 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.3	17.7	26.5





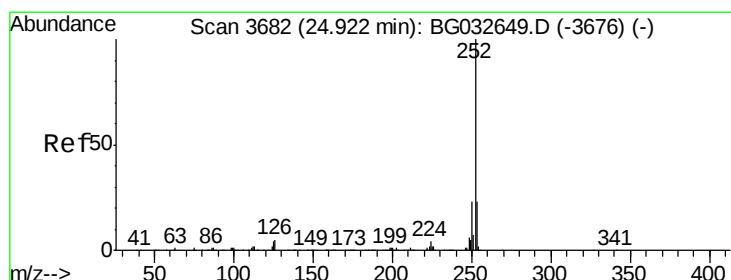
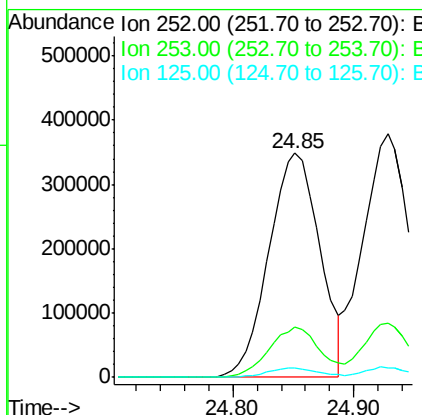
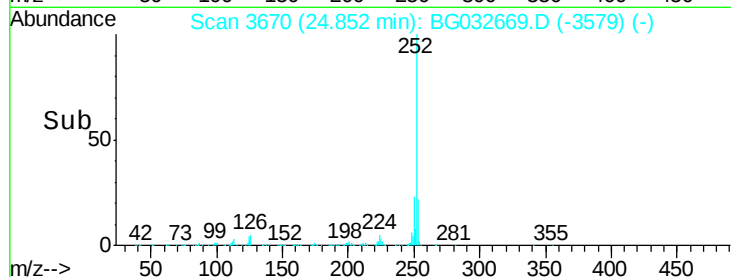
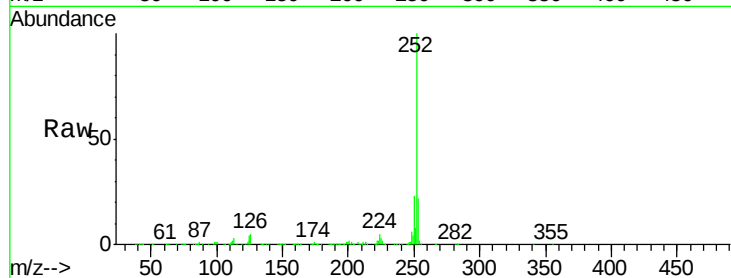
#87
 Benzo(b)fluoranthene
 Concen: 46.702 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. 0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	4.0	7.2	10.8

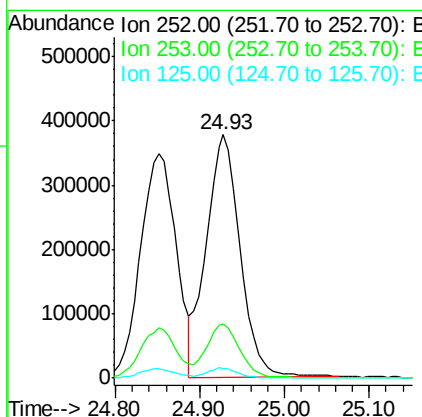
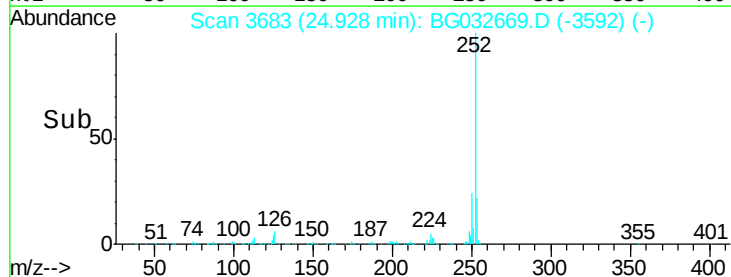
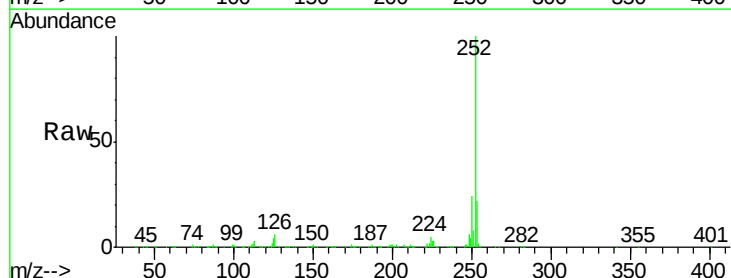
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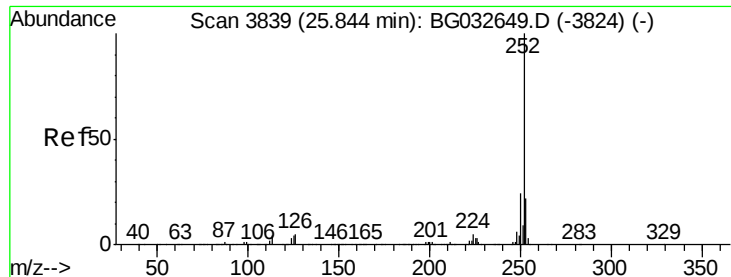
Sohil
 2/14/2018 10:31:12 AM



#88
 Benzo(k)fluoranthene
 Concen: 46.483 ng
 RT: 24.93 min Scan# 3683
 Delta R.T. 0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	4.1	6.6	9.8





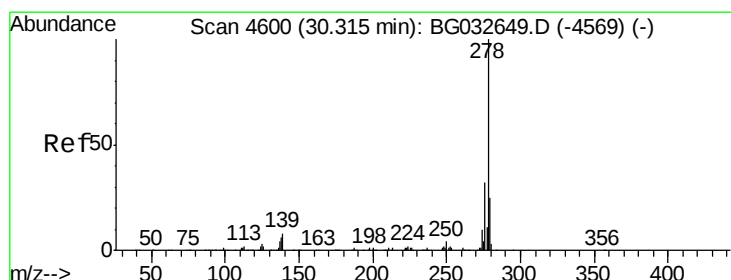
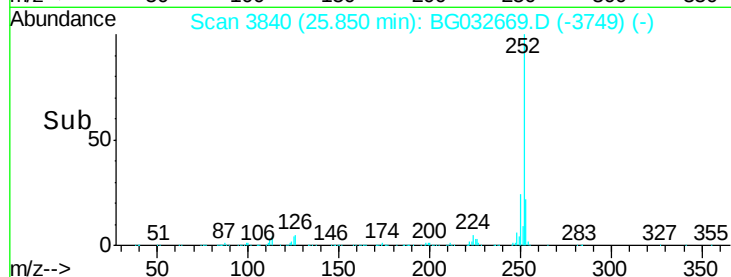
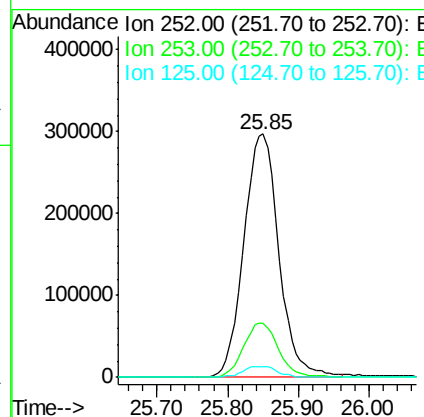
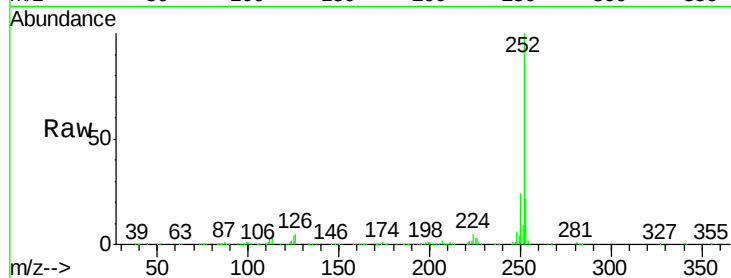
#89
Benzo(a)pyrene
Concen: 48.237 ng
RT: 25.85 min Scan# 3840
Delta R.T. 0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	4.2	7.3	10.9

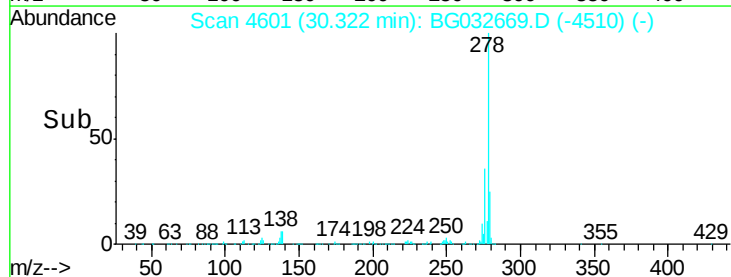
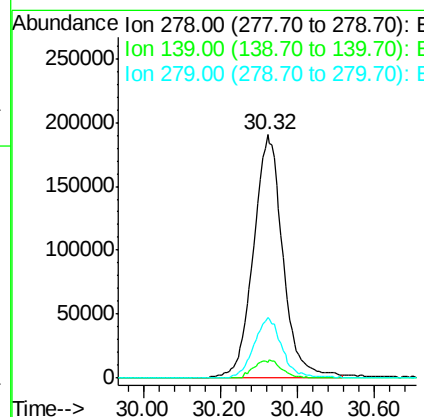
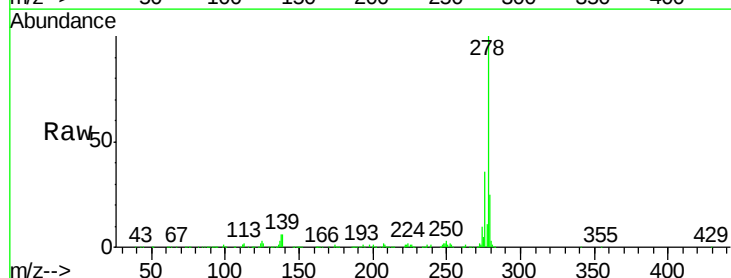
Manual Integrations
APPROVED

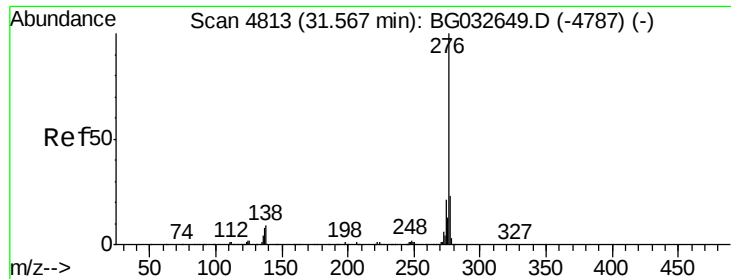
Sohil
2/14/2018 10:31:12 AM



#90
Dibenzo(a,h)anthracene
Concen: 47.730 ng
RT: 30.32 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BG032669.D
Acq: 13 Feb 2018 20:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.4	9.8	14.6
279	24.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.631 ng
 RT: 31.58 min Scan# 4815
 Delta R.T. 0.01 min
 Lab File: BG032669.D
 Acq: 13 Feb 2018 20:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021218-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	9.1	13.9	20.9

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Sohil
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