

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021669.D
 Acq On : 15 Apr 2016 1:51
 Operator : UM/SJ
 Sample : H2517-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Manual Integrations
 APPROVED

Sohil
 4/15/2016 4:44:51 PM

Quant Time: Apr 15 04:11:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	29806	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	141491	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	97806	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	224132	20.00	ng	0.00
75) Chrysene-d12	21.83	240	252132	20.00	ng	0.00
86) Perylene-d12	25.16	264	246799	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	138079	77.14	ng	0.00
7) Phenol-d6	7.36	99	128936	48.23	ng	0.00
23) Nitrobenzene-d5	9.38	82	287458	104.43	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	187820	178.18	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	667637	100.01	ng	0.00
78) Terphenyl-d14	20.14	244	915520	90.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	12761	16.02	ng	# 80
3) Pyridine	4.04	79	35778	14.96	ng	91
4) n-Nitrosodimethylamine	3.95	42	22527	19.01	ng	# 78
6) Aniline	7.54	93	65551	18.54	ng	93
8) 2-Chlorophenol	7.78	128	93076	43.38	ng	96
9) Benzaldehyde	7.35	77	36463	23.59	ng	92
10) Phenol	7.39	94	46000	16.00	ng	99
11) bis(2-Chloroethyl)ether	7.63	93	110548	48.03	ng	94
12) 1,3-Dichlorobenzene	8.11	146	99823	41.66	ng	94
13) 1,4-Dichlorobenzene	8.26	146	104147	42.69	ng	93
14) 1,2-Dichlorobenzene	8.57	146	102890	43.96	ng	94
15) Benzyl Alcohol	8.45	79	70392	34.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	219288	44.48	ng	97
17) 2-Methylphenol	8.65	107	72425	36.43	ng	95
18) Hexachloroethane	9.31	117	36294	40.88	ng	# 73
19) n-Nitroso-di-n-propylamine	9.02	70	104178	50.15	ng	92
20) 3+4-Methylphenols	8.98	107	89852	33.03	ng	96
22) Acetophenone	9.04	105	184632	46.85	ng	# 96
24) Nitrobenzene	9.42	77	144162	48.91	ng	96
25) Isophorone	9.95	82	282330	46.86	ng	99
26) 2-Nitrophenol	10.14	139	62473	55.52	ng	95
27) 2,4-Dimethylphenol	10.19	122	111262	43.53	ng	98
28) bis(2-Chloroethoxy)methane	10.42	93	163747	51.15	ng	94
29) 2,4-Dichlorophenol	10.67	162	114637	52.60	ng	99
30) 1,2,4-Trichlorobenzene	10.89	180	109766	46.84	ng	93
31) Naphthalene	11.09	128	357047	47.15	ng	# 95
32) Benzoic acid	10.26	122	21437m	19.81	ng	
33) 4-Chloroaniline	11.19	127	52317	15.96	ng	96
34) Hexachlorobutadiene	11.36	225	66513	44.00	ng	98
35) Caprolactam	11.96	113	7118	7.14	ng	# 90
36) 4-Chloro-3-methylphenol	12.28	107	133246	48.62	ng	97
37) 2-Methylnaphthalene	12.67	142	276166	53.13	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	138713	45.38	ng	98
40) Hexachlorocyclopentadiene	13.01	237	154942	91.25	ng	98

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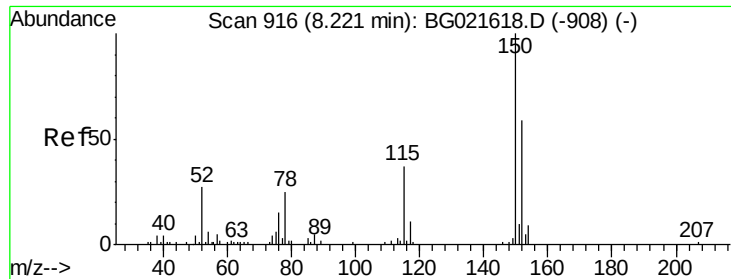
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	100801	51.72	ng	99
43) 2,4,5-Trichlorophenol	13.33	196	110250	52.42	ng	98
45) 1,1'-Biphenyl	13.67	154	374312	45.42	ng	98
46) 2-Chloronaphthalene	13.71	162	287948	47.26	ng	99
47) 2-Nitroaniline	13.91	65	112198	53.71	ng	95
48) Acenaphthylene	14.55	152	478538	47.51	ng	98
49) Dimethylphthalate	14.27	163	403200	47.68	ng	99
50) 2,6-Dinitrotoluene	14.39	165	88242	54.72	ng	98
51) Acenaphthene	14.89	154	344802	53.54	ng	98
52) 3-Nitroaniline	14.72	138	38531	21.55	ng	94
53) 2,4-Dinitrophenol	14.92	184	74228	115.96	ng	95
54) Dibenzofuran	15.22	168	475445	54.07	ng	98
55) 4-Nitrophenol	15.01	139	54544	35.62	ng	93
56) 2,4-Dinitrotoluene	15.18	165	126398	58.00	ng	96
57) Fluorene	15.86	166	392206	49.95	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	103284	59.19	ng	99
59) Diethylphthalate	15.63	149	420657	47.66	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	191536	49.52	ng	99
61) 4-Nitroaniline	15.88	138	89840	45.66	ng	97
62) Azobenzene	16.15	77	404816	53.52	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	55001	57.69	ng	95
65) n-Nitrosodiphenylamine	16.06	169	349630	52.01	ng	95
66) 4-Bromophenyl-phenylether	16.75	248	126858	52.83	ng	96
67) Hexachlorobenzene	16.86	284	133223	52.55	ng	96
68) Atrazine	17.00	200	132335	49.85	ng	99
69) Pentachlorophenol	17.20	266	163218	112.78	ng	95
70) Phenanthrene	17.60	178	632312	51.19	ng	98
71) Anthracene	17.69	178	630740	50.30	ng	97
72) Carbazole	17.96	167	586843	50.14	ng	99
73) Di-n-butylphthalate	18.50	149	712337	47.85	ng	98
74) Fluoranthene	19.59	202	713197	48.35	ng	100
76) Benzidine	19.77	184	274843	35.01	ng	98
77) Pyrene	19.95	202	726182	49.95	ng	99
79) Butylbenzylphthalate	20.82	149	342333	50.73	ng	99
80) Benzo(a)anthracene	21.81	228	732093	50.45	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	95686	8.33	ng	97
82) Chrysene	21.88	228	675151	48.43	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	495197	50.17	ng	99
84) Di-n-octyl phthalate	22.95	149	850150	51.41	ng	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	846718	51.09	ng	99
87) Benzo(b)fluoranthene	24.10	252	750563	52.41	ng	99
88) Benzo(k)fluoranthene	24.17	252	701115	50.07	ng	99
89) Benzo(a)pyrene	25.01	252	708475	51.06	ng	98
90) Dibenzo(a,h)anthracene	29.04	278	715702	51.45	ng	98
91) Benzo(g,h,i)perylene	30.17	276	698280	51.15	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

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Instrument :

BNA_G

ClientSampleId :

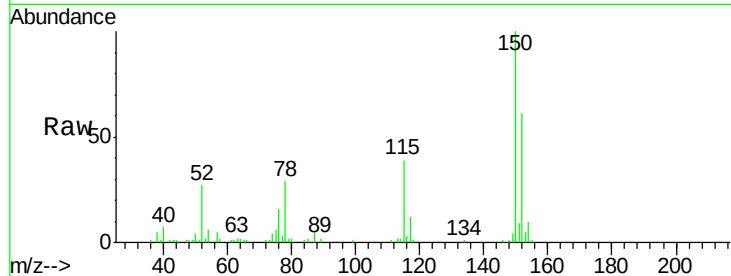
S8-0572MSD

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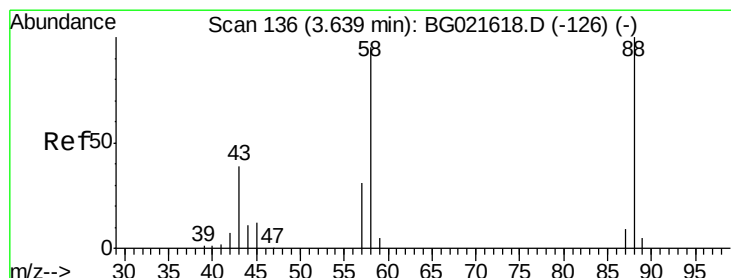
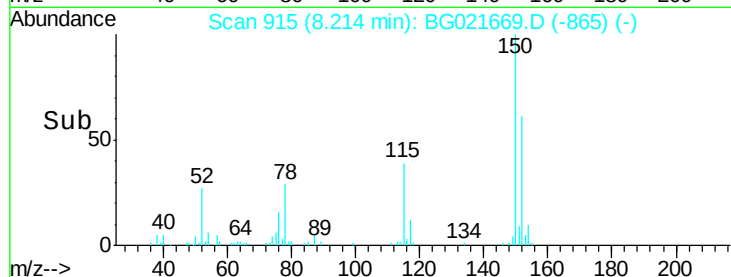
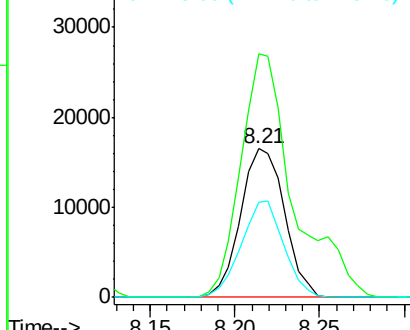
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Tgt Ion:	152	Resp:	29806
Ion Ratio	Lower	Upper	
152	100		
150	163.7	130.1	195.1
115	64.0	62.2	93.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.02 ng

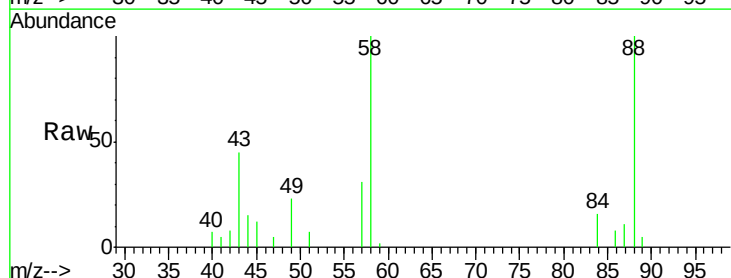
RT: 3.64 min Scan# 136

Delta R.T. -0.00 min

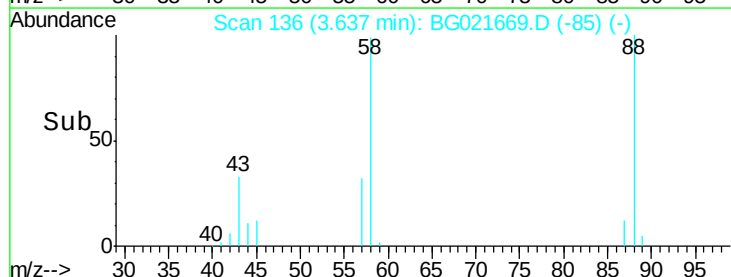
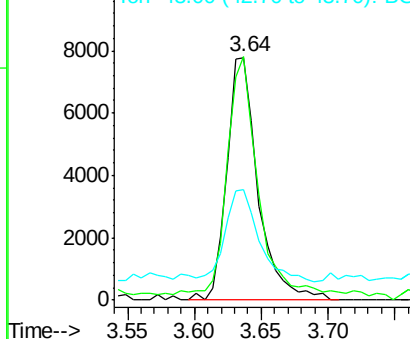
Lab File: BG021669.D

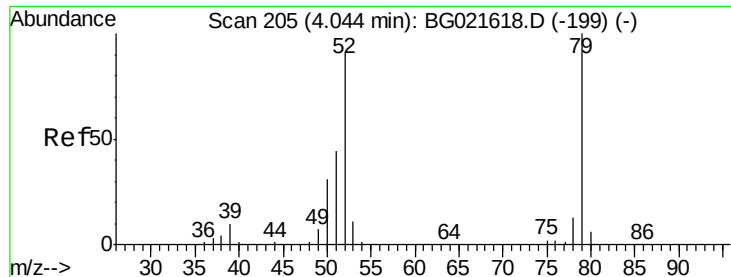
Acq: 15 Apr 2016 1:51

Tgt Ion:	88	Resp:	12761
Ion Ratio	Lower	Upper	
88	100		
58	97.0	61.8	92.8#
43	41.1	27.3	40.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 14.96 ng

RT: 4.04 min Scan# 205

Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

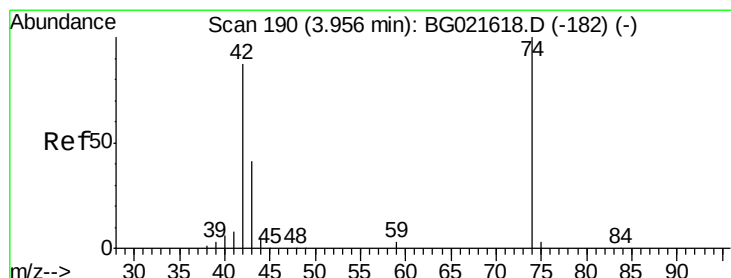
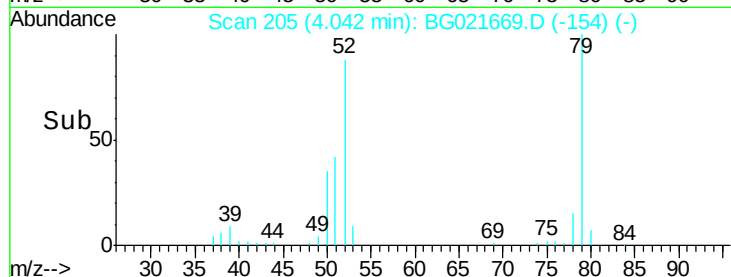
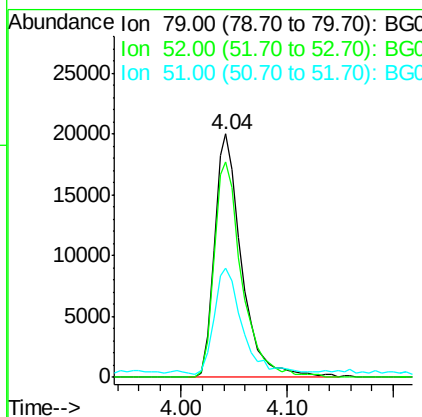
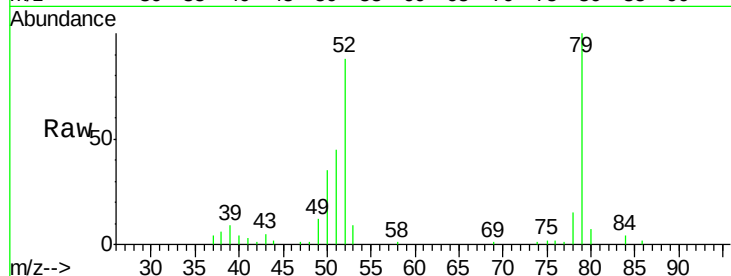
ClientSampled :

S8-0572MSD

Tgt Ion:	79	Resp:	35778
Ion	Ratio	Lower	Upper
79	100		
52	88.2	77.2	115.8
51	45.0	42.5	63.7

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#4

n-Nitrosodimethylamine

Concen: 19.01 ng

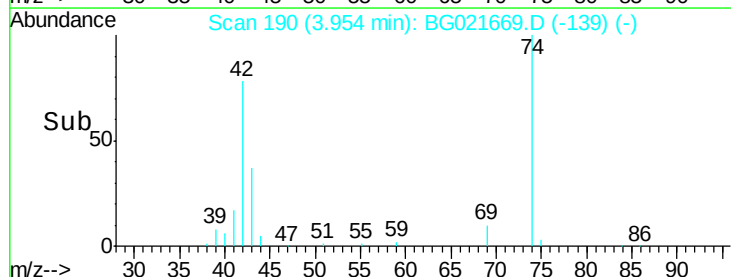
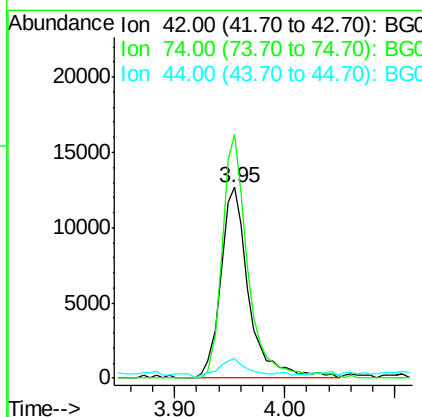
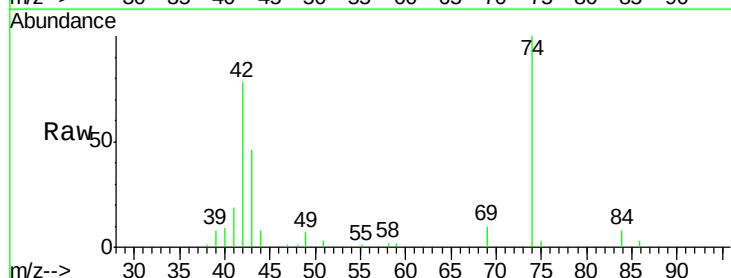
RT: 3.95 min Scan# 190

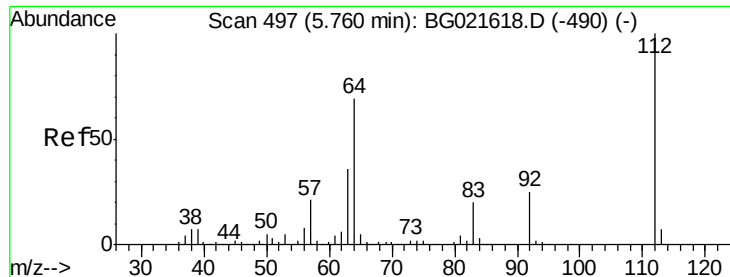
Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion:	42	Resp:	22527
Ion	Ratio	Lower	Upper
42	100		
74	127.8	83.0	124.4#
44	10.4	11.0	16.6#





#5

2-Fluorophenol

Concen: 77.14 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

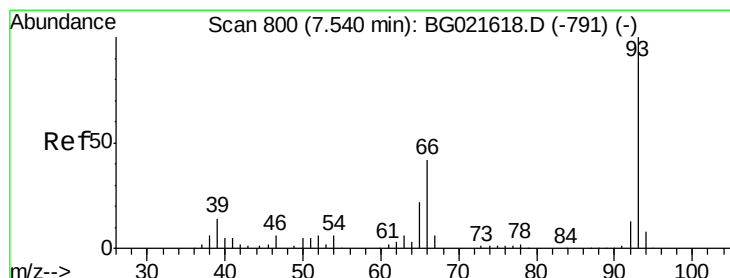
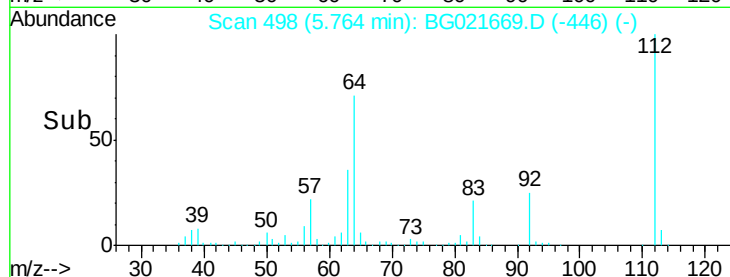
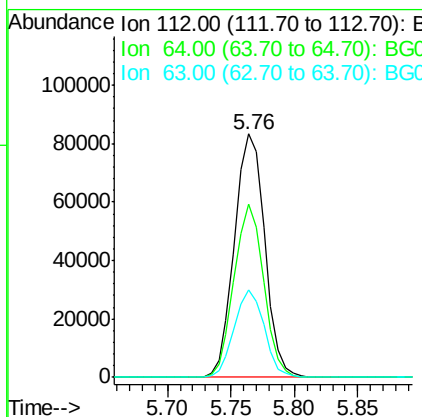
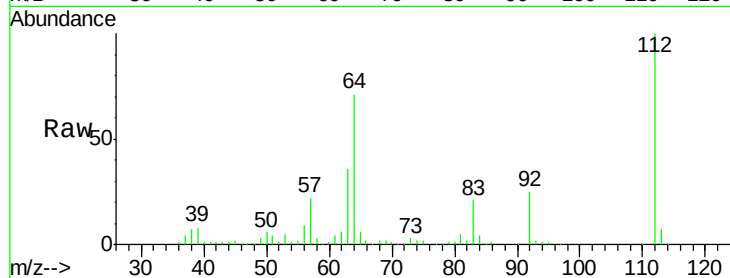
ClientSampled :

S8-0572MSD

Tgt Ion:	112	Resp:	138079
Ion Ratio	Lower	Upper	
112	100		
64	70.9	51.1	76.7
63	36.0	24.6	37.0

Manual Integrations
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#6

Aniline

Concen: 18.54 ng

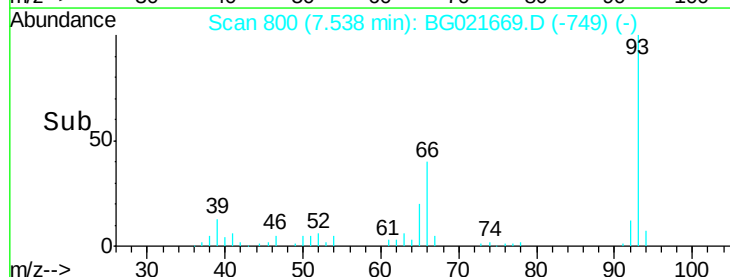
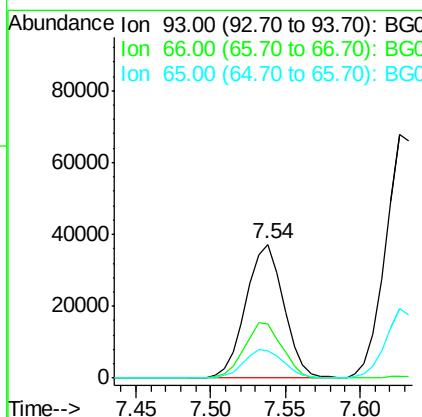
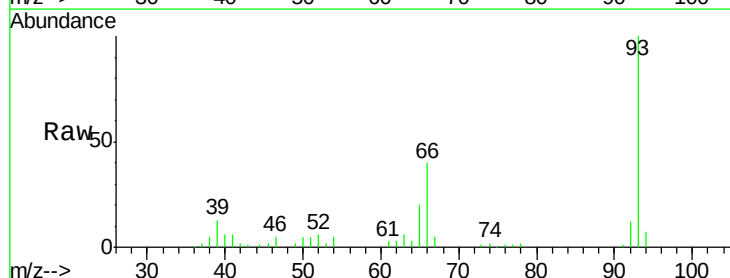
RT: 7.54 min Scan# 800

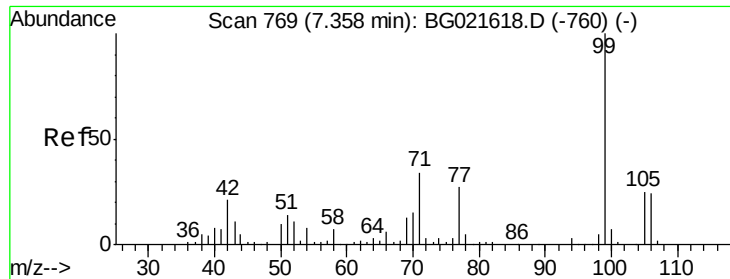
Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion:	93	Resp:	65551
Ion Ratio	Lower	Upper	
93	100		
66	40.4	36.3	54.5
65	20.2	18.4	27.6





#7

Phenol-d6

Concen: 48.23 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

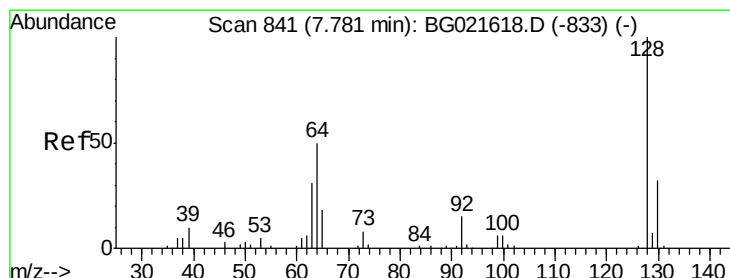
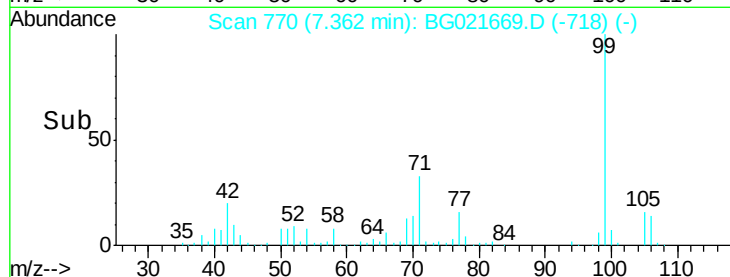
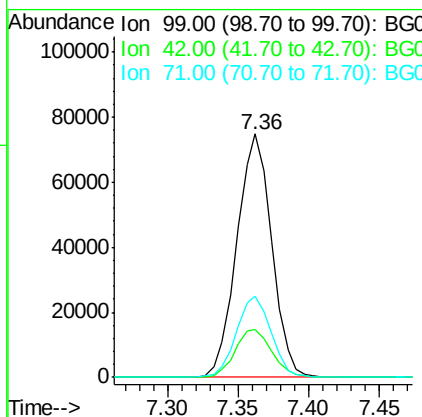
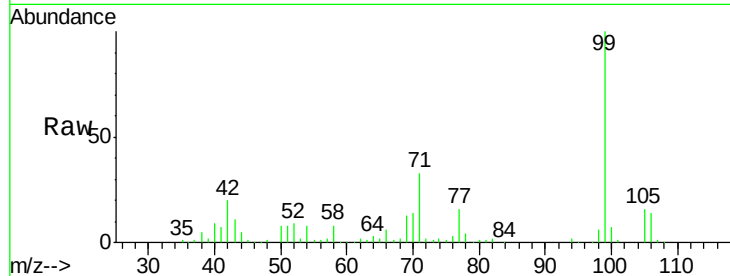
ClientSampleId :

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Tgt Ion:	99	Resp:	128936
Ion Ratio	Lower	Upper	
99	100		
42	19.8	16.4	24.6
71	33.3	25.0	37.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.38 ng

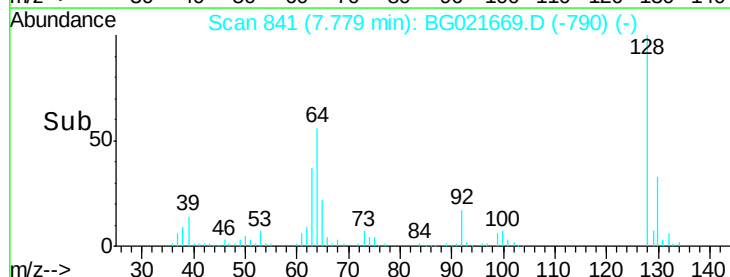
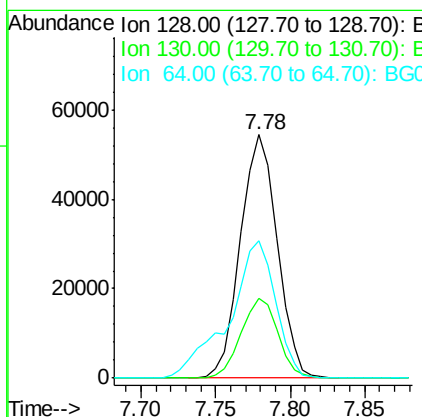
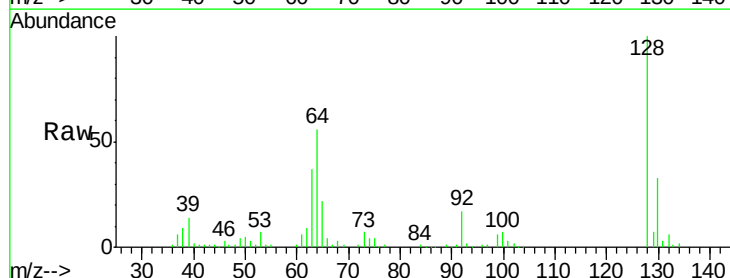
RT: 7.78 min Scan# 841

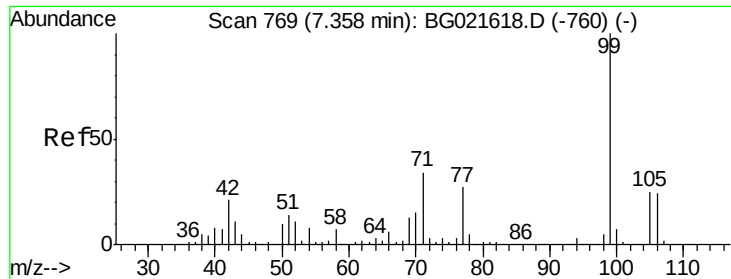
Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion:	128	Resp:	93076
Ion Ratio	Lower	Upper	
128	100		
130	32.7	11.2	51.2
64	56.4	39.8	79.8





#9

Benzaldehyde

Concen: 23.59 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

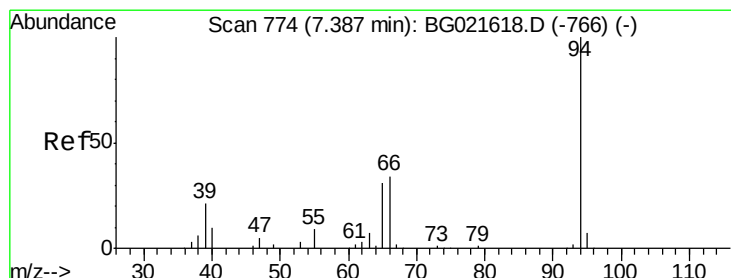
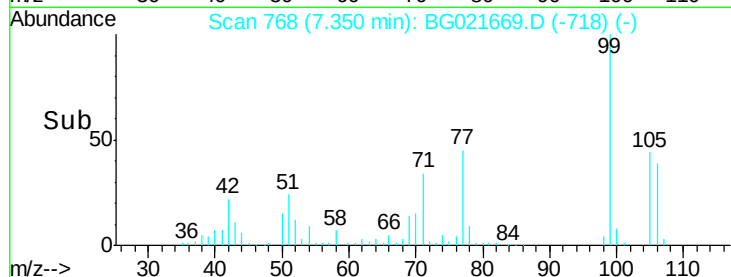
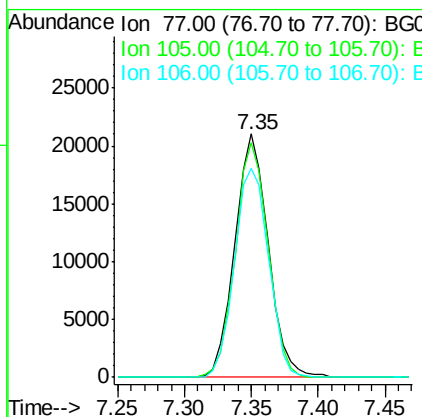
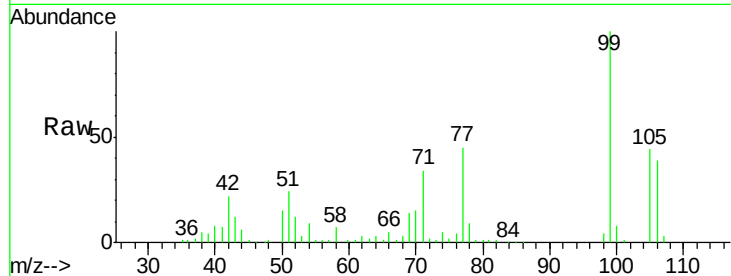
ClientSampleId :

S8-0572MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.2	62.1	102.1
106	86.0	65.6	105.6

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#10

Phenol

Concen: 16.00 ng

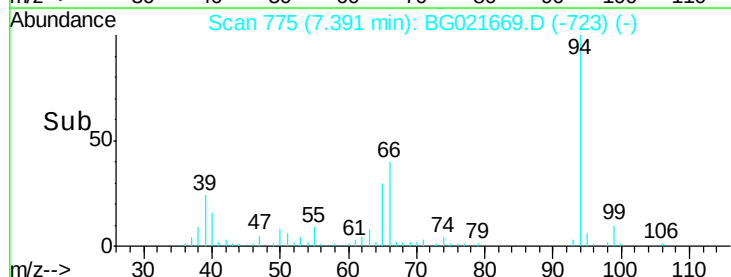
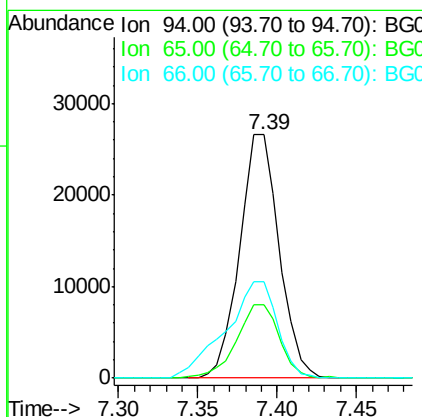
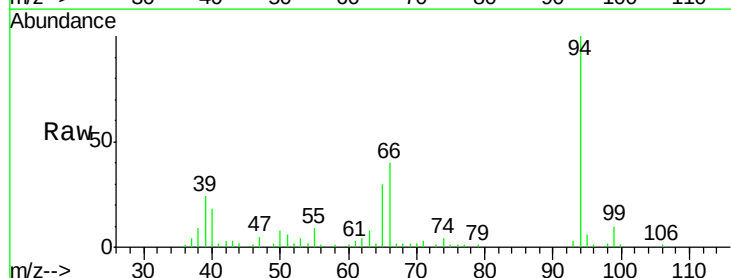
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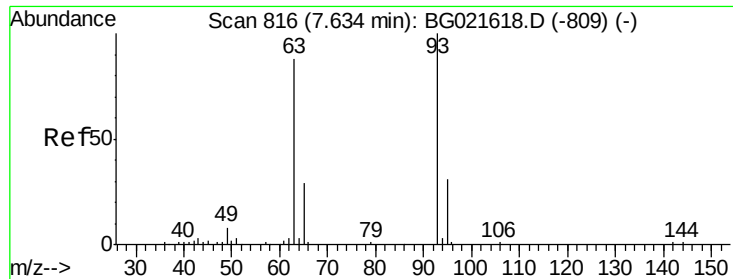
Delta R.T. 0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.8	49.8
66	39.6	20.8	60.8





#11

bis(2-Chloroethyl)ether

Concen: 48.03 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

ClientSampleId :

S8-0572MSD

Tgt Ion: 93 Resp: 110548
Ion Ratio Lower Upper

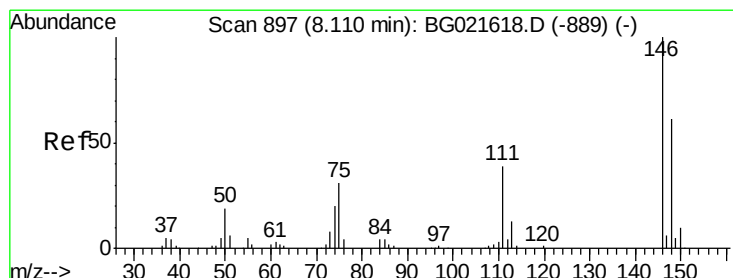
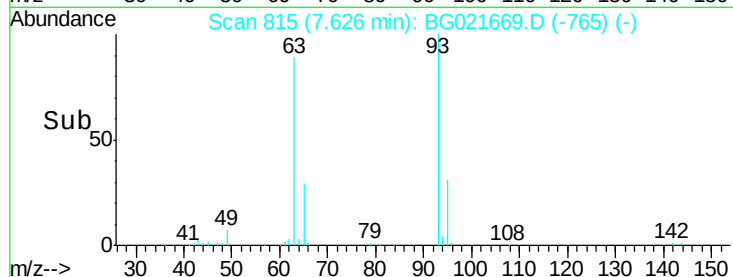
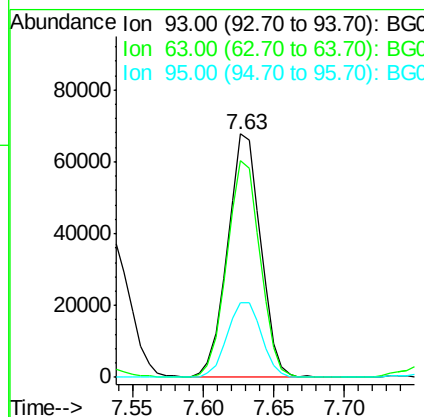
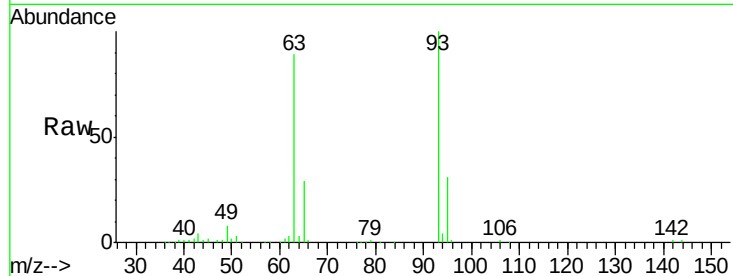
93 100

63 89.2 74.9 114.9

95 30.7 8.3 48.3

Manual Integrations
APPROVED

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#12

1,3-Dichlorobenzene

Concen: 41.66 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG021669.D

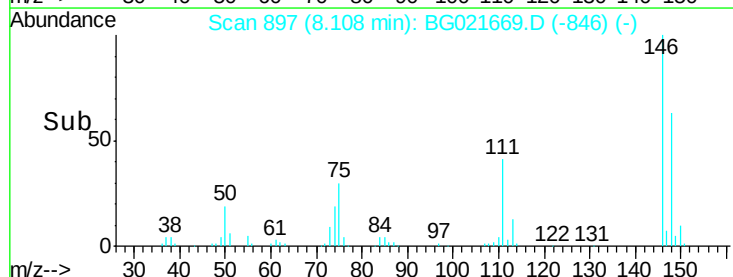
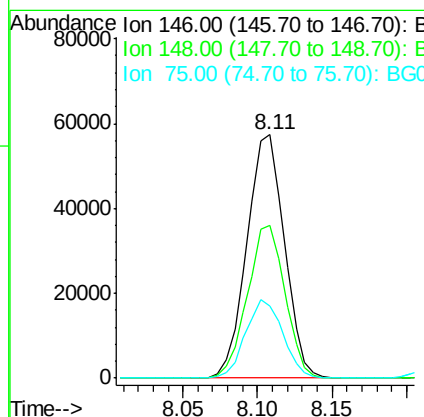
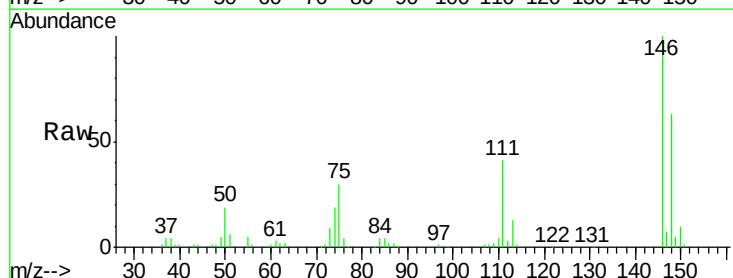
Acq: 15 Apr 2016 1:51

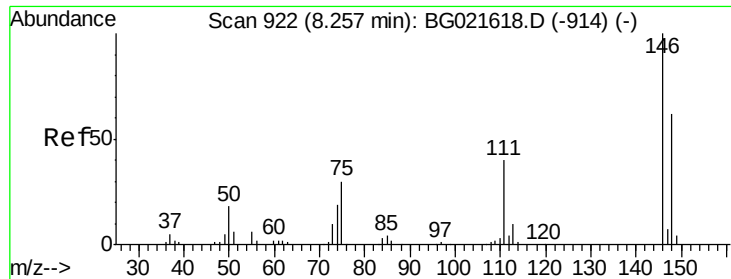
Tgt Ion: 146 Resp: 99823
Ion Ratio Lower Upper

146 100

148 63.0 53.7 80.5

75 29.6 27.4 41.0





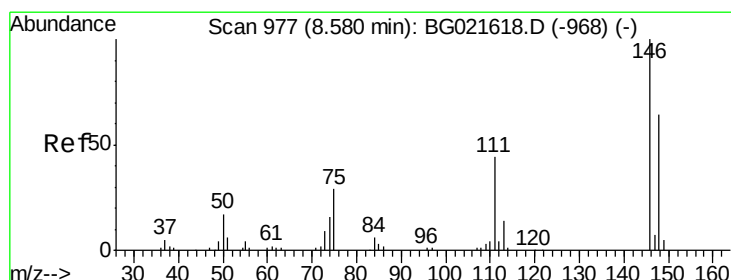
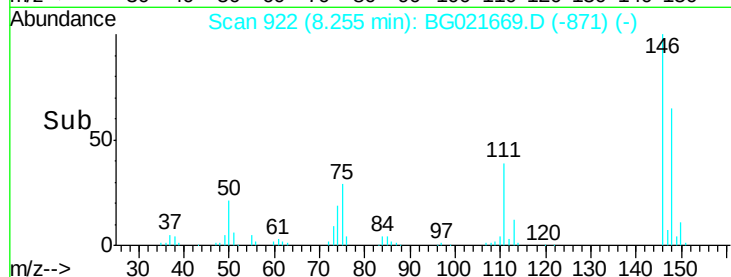
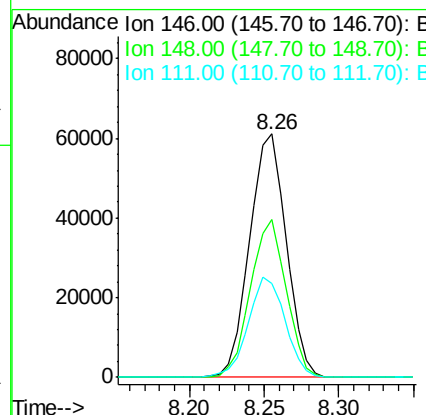
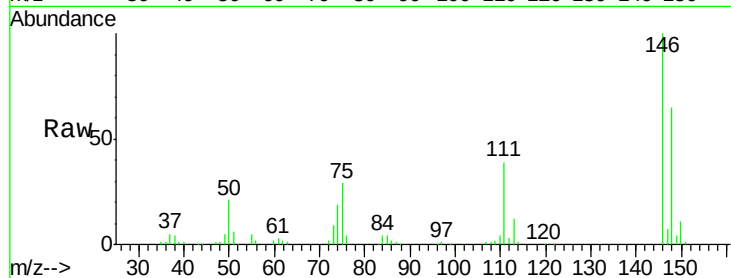
#13
 1,4-Dichlorobenzene
 Concen: 42.69 ng
 RT: 8.26 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	46.7	70.1
111	38.6	33.0	49.6

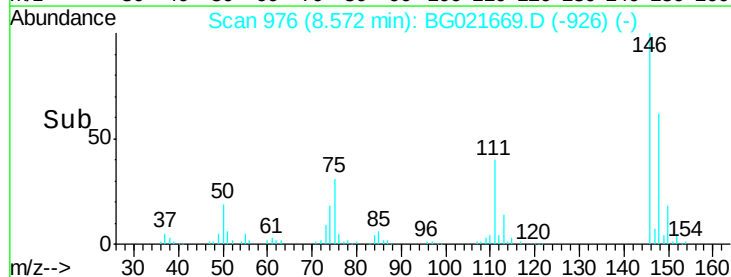
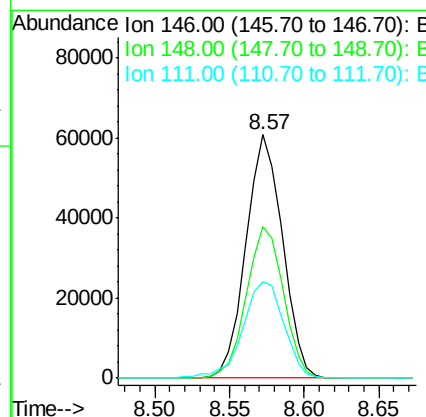
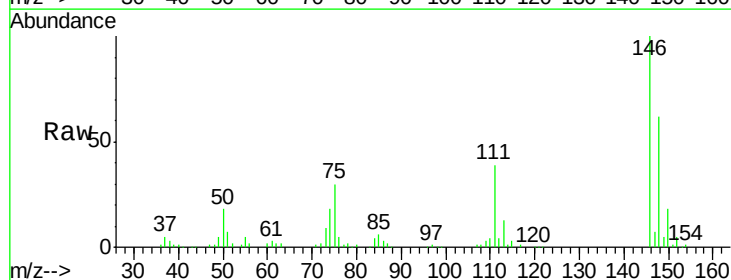
Manual Integrations
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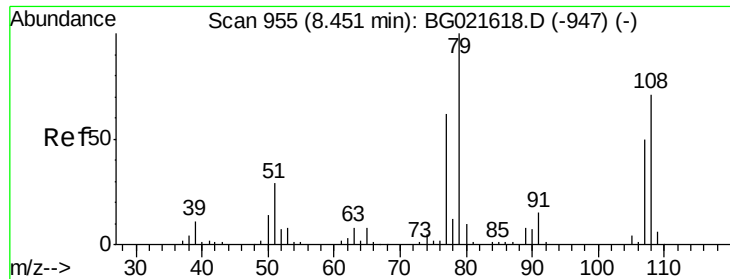
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.96 ng
 RT: 8.57 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.6	79.0
111	39.5	36.1	54.1





#15

Benzyl Alcohol

Concen: 34.45 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

ClientSampleId :

S8-0572MSD

Tgt Ion: 79 Resp: 70392

Ion Ratio Lower Upper

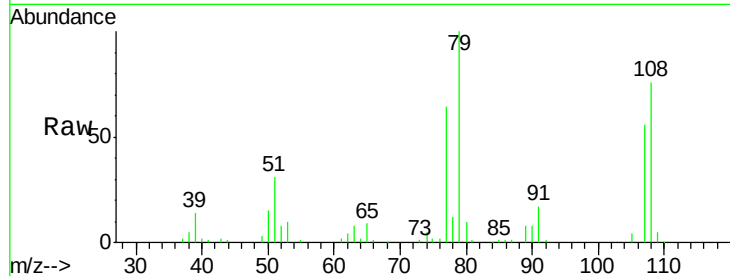
79 100

108 76.0 59.4 89.0

77 64.0 52.2 78.2

Manual Integrations
APPROVED

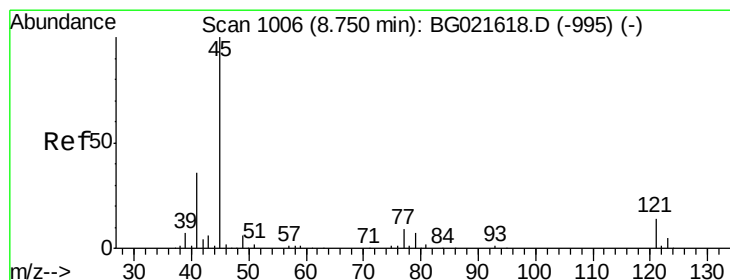
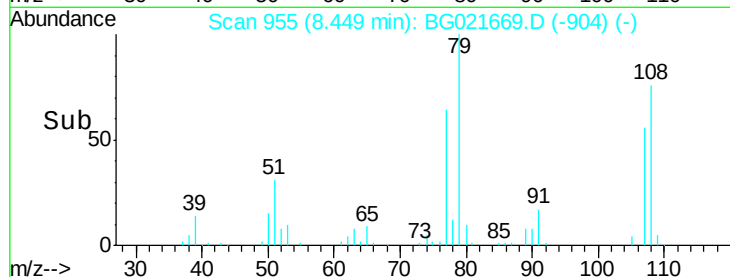
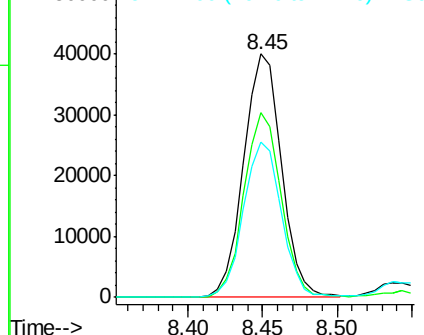
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Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.48 ng

RT: 8.75 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

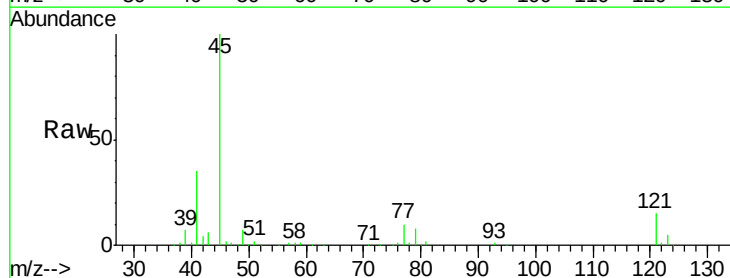
Tgt Ion: 45 Resp: 219288

Ion Ratio Lower Upper

45 100

77 9.9 0.0 31.2

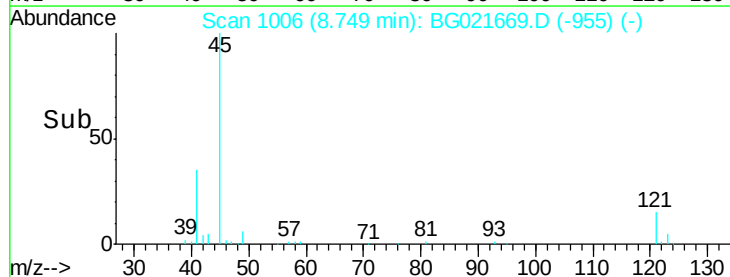
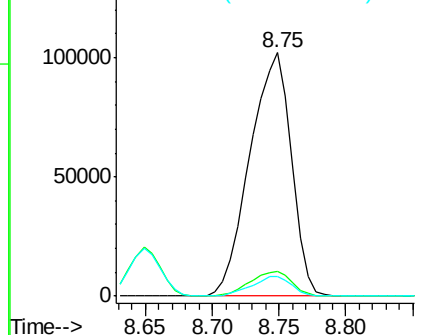
79 7.9 0.0 29.0

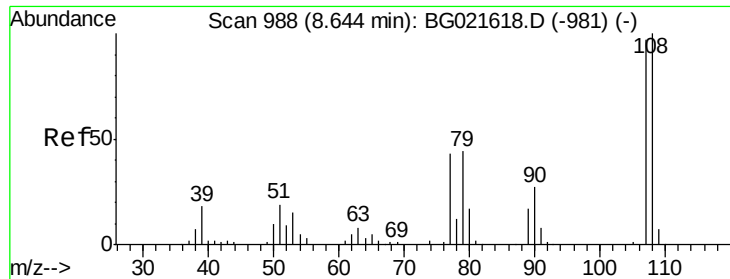


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





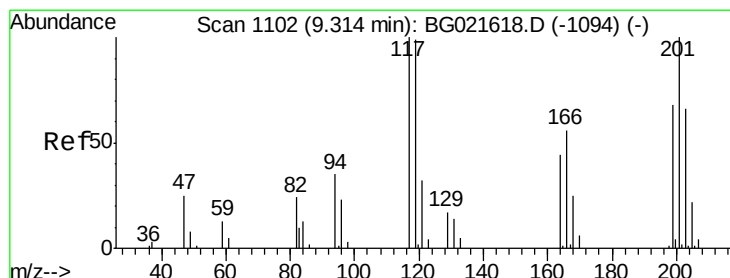
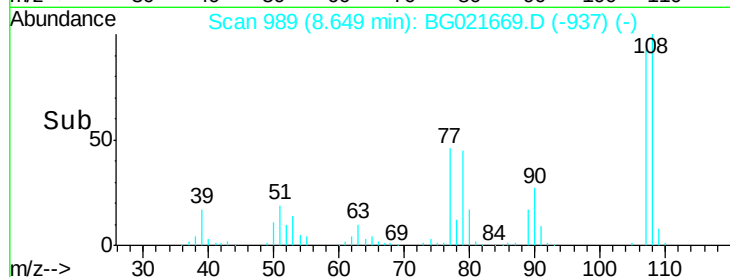
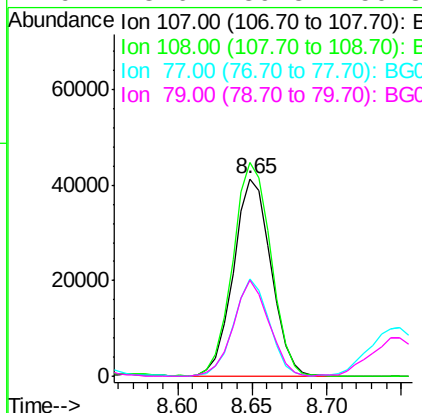
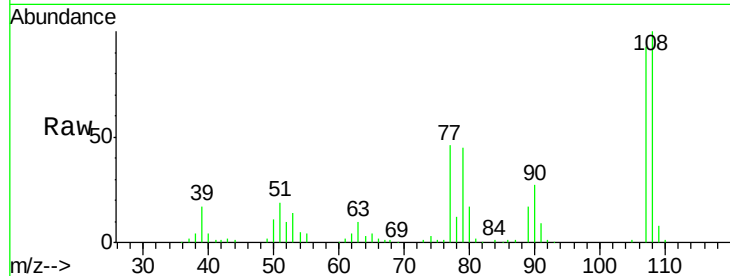
#17
2-Methylphenol
Concen: 36.43 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	72425		
108	108.1	80.2	120.4	
77	49.3	40.7	61.1	
79	48.6	39.8	59.8	

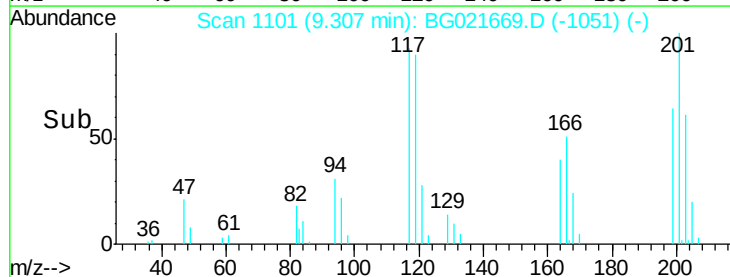
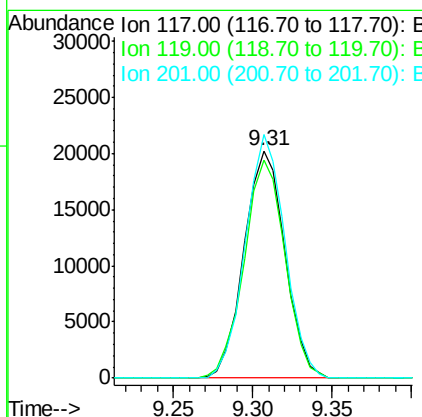
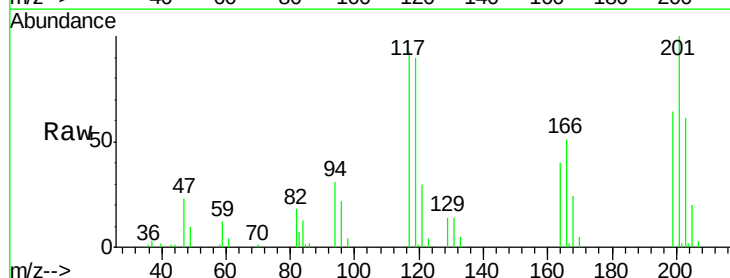
Manual Integrations
APPROVED

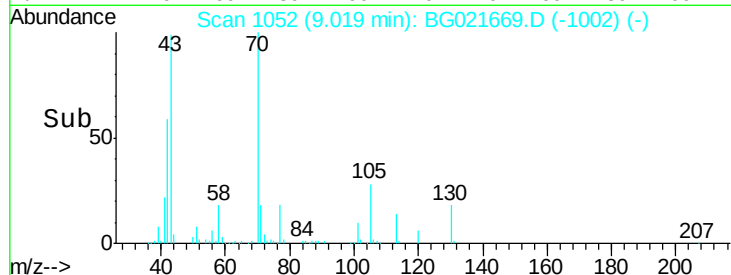
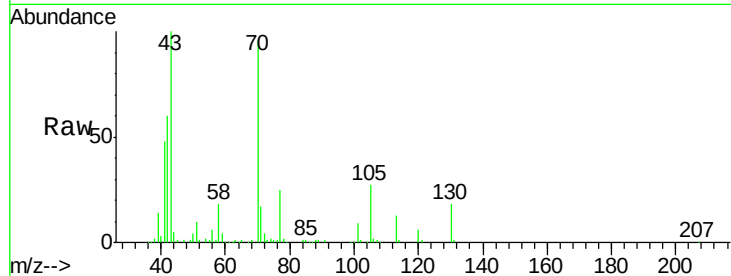
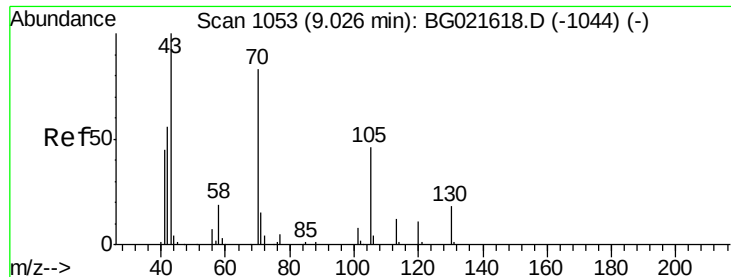
Sohil
4/15/2016 4:44:51 PM



#18
Hexachloroethane
Concen: 40.88 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36294		
119	96.0	63.9	95.9#	
201	107.0	61.2	91.8#	





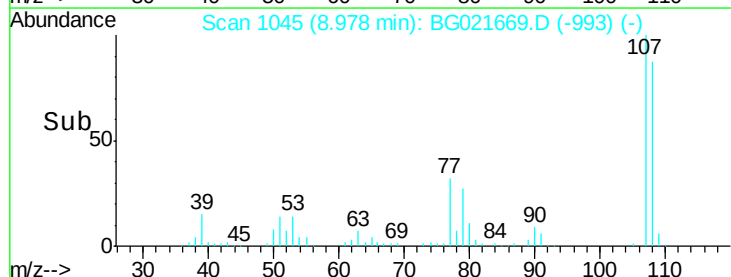
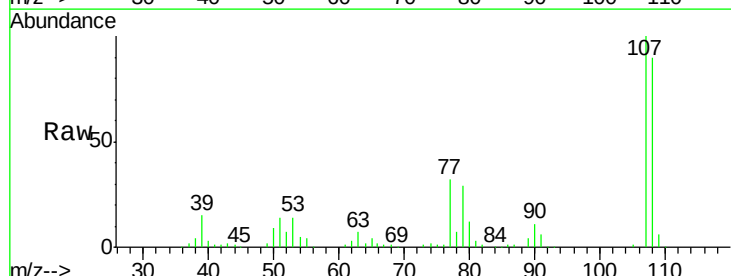
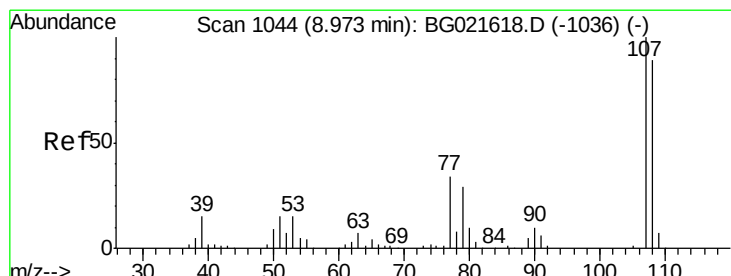
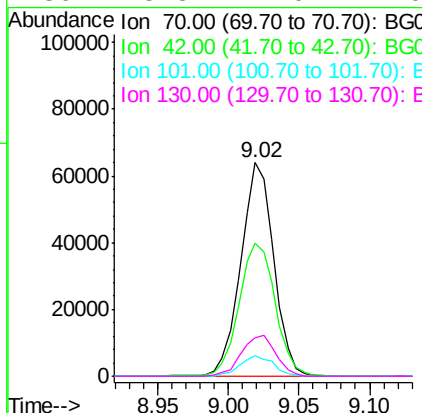
#19
n-Nitroso-di-n-propylamine
Concen: 50.15 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Manual Integrations
APPROVED

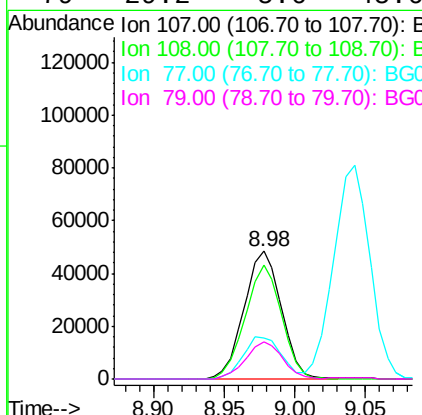
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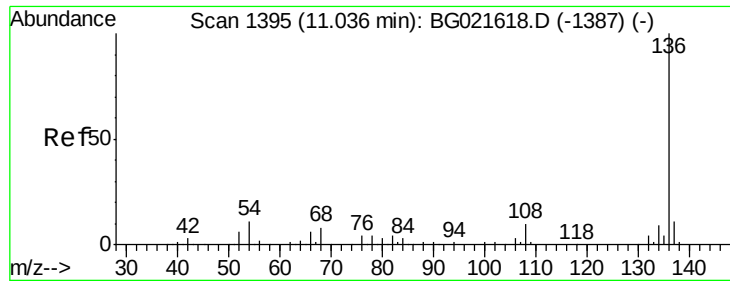
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.6	56.7	85.1
101	9.7	8.2	12.4
130	18.3	14.0	21.0



#20
3+4-Methylphenols
Concen: 33.03 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	66.2	106.2
77	32.5	11.5	51.5
79	29.2	5.6	45.6





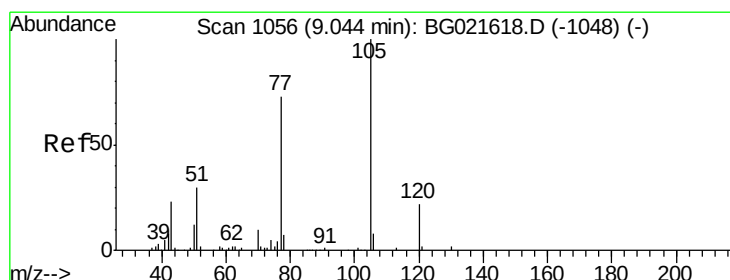
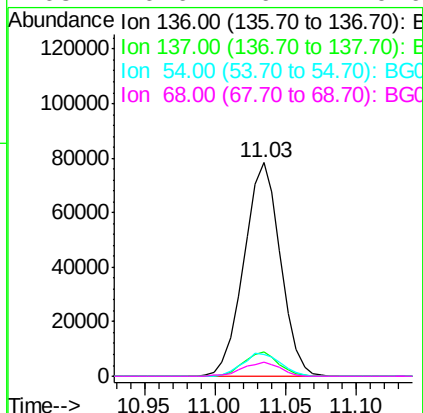
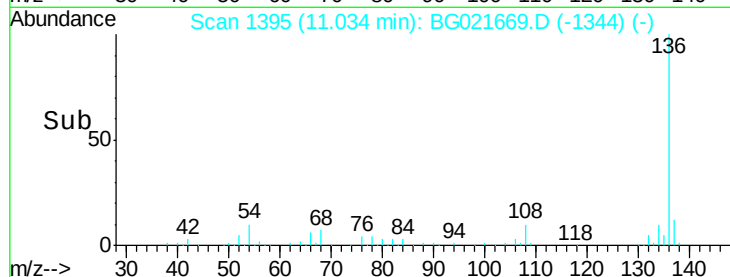
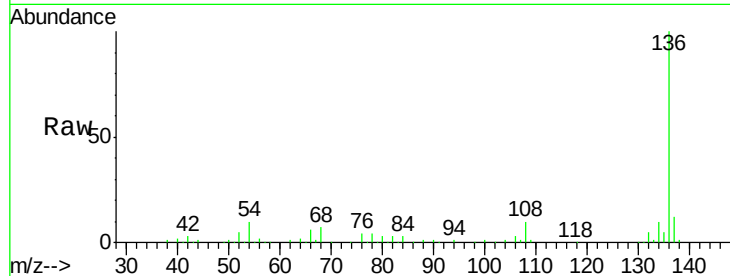
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.5	9.0	13.4
54	10.2	9.6	14.4
68	6.6	6.4	9.6

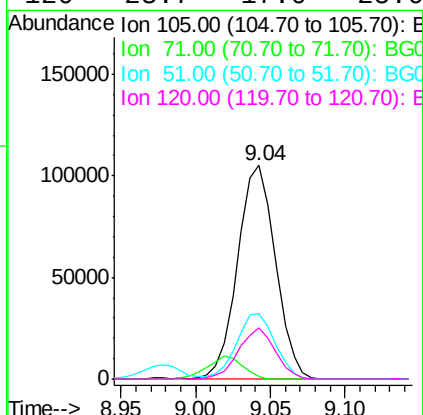
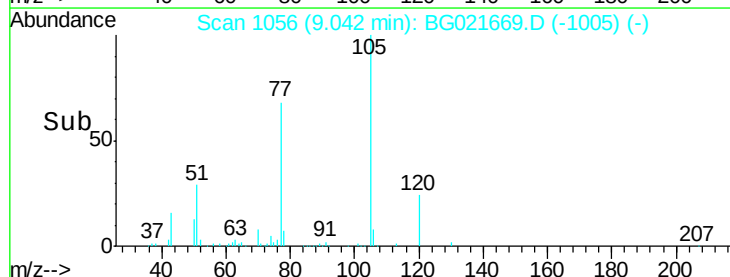
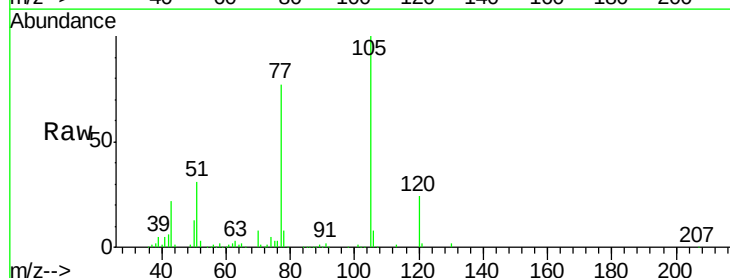
Manual Integrations
APPROVED

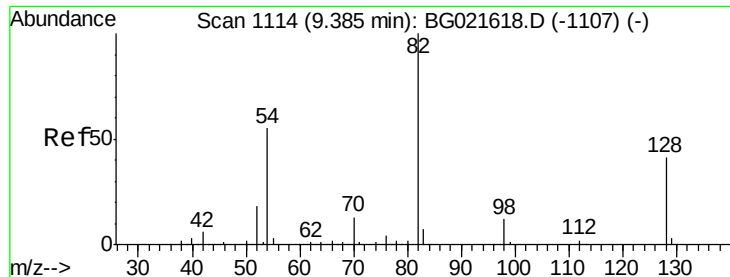
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#22
Acetophenone
Concen: 46.85 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	1.2	0.0	0.0#
51	30.6	25.7	38.5
120	23.7	17.0	25.6





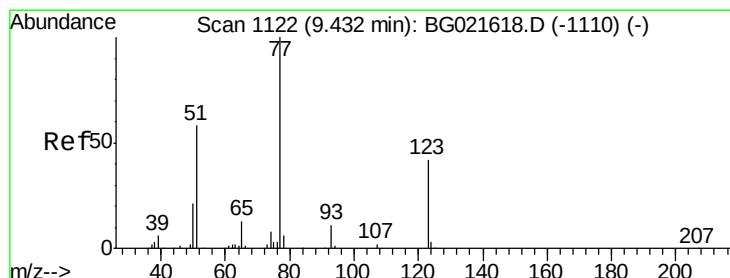
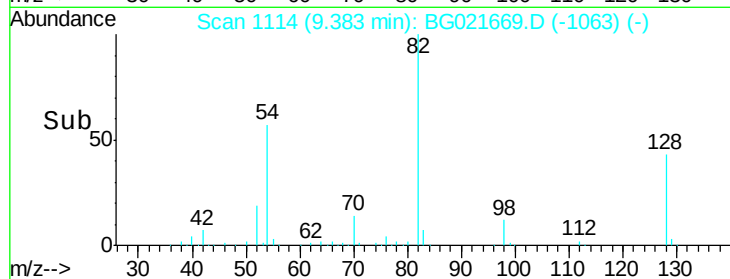
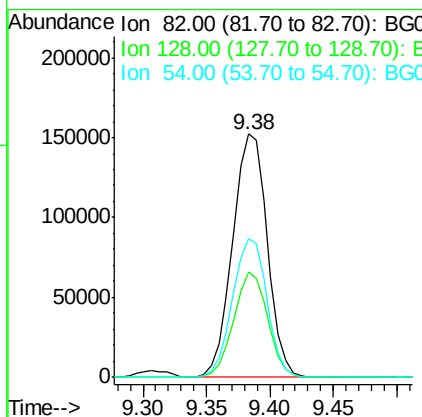
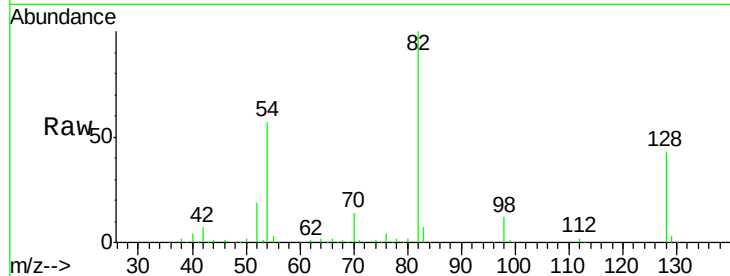
#23
Nitrobenzene-d5
Concen: 104.43 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.2	33.4	50.0
54	56.8	46.1	69.1

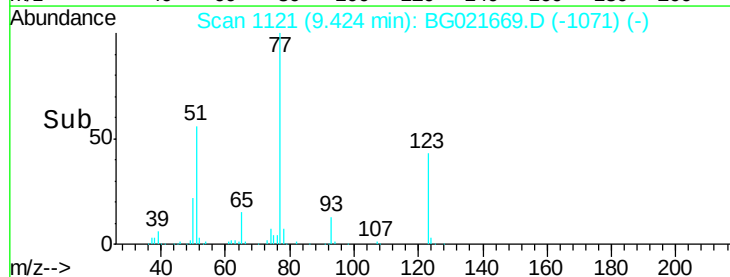
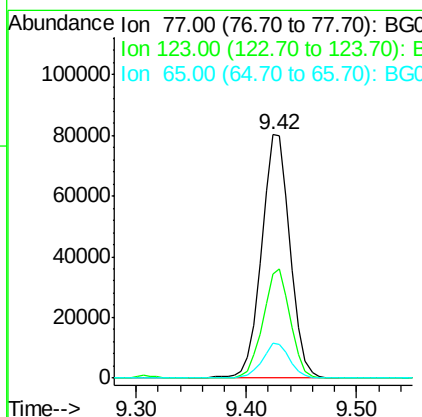
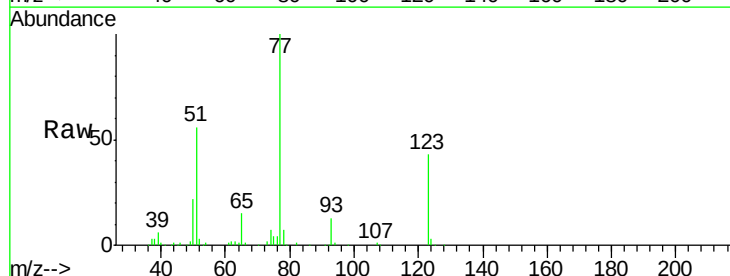
Manual Integrations
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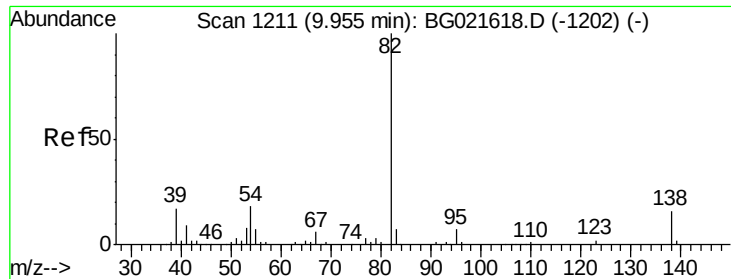
Sohil
4/15/2016 4:44:51 PM



#24
Nitrobenzene
Concen: 48.91 ng
RT: 9.42 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	42.7	32.2	48.4
65	14.6	10.3	15.5





#25

Isophorone

Concen: 46.86 ng

RT: 9.95 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

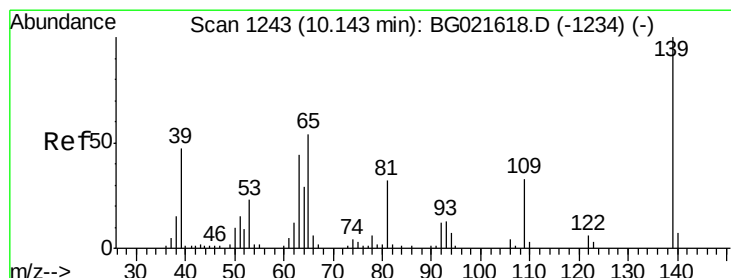
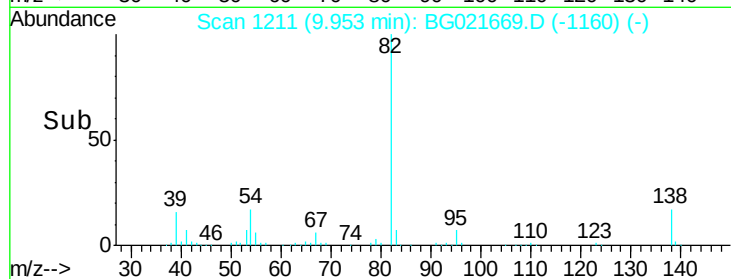
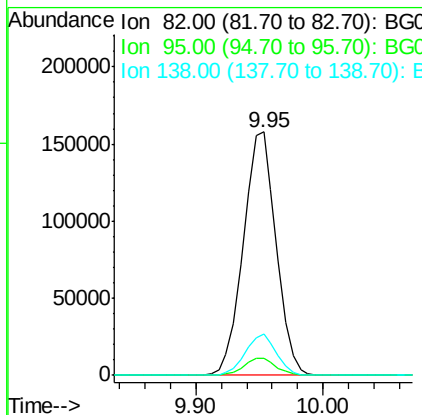
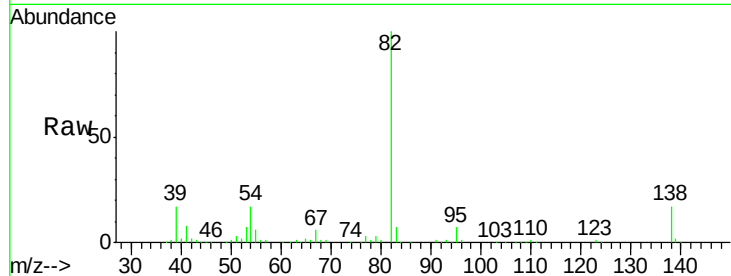
ClientSampleId :

S8-0572MSD

Tgt Ion:	82	Resp:	282330
Ion Ratio		Lower	Upper
82	100		
95	7.2	6.0	9.0
138	16.9	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.52 ng

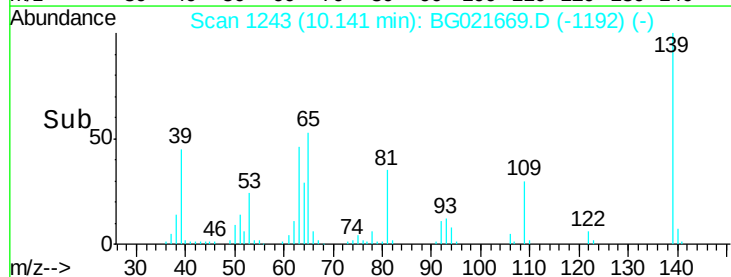
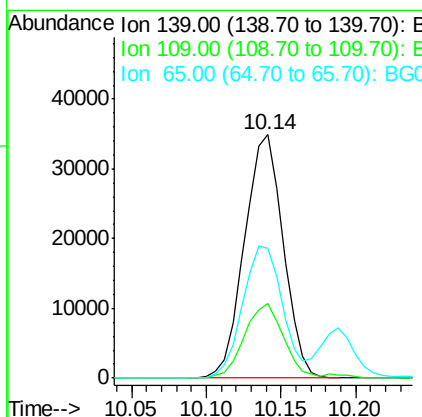
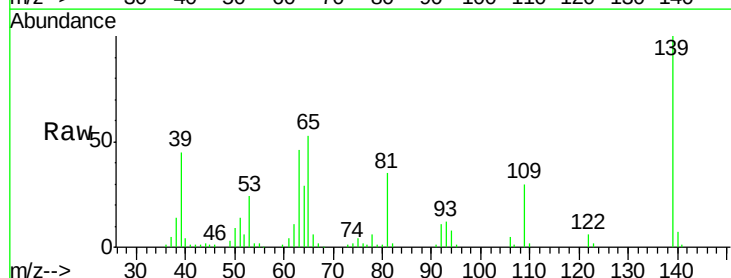
RT: 10.14 min Scan# 1243

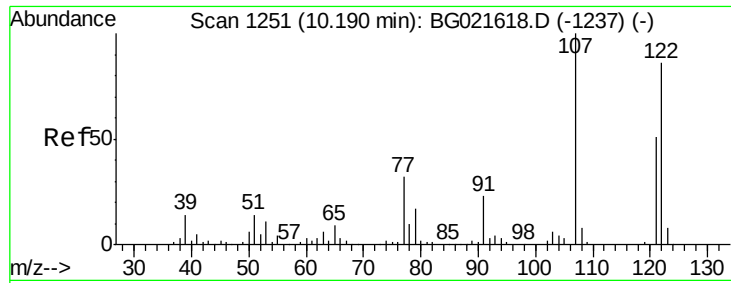
Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion:	139	Resp:	62473
Ion Ratio		Lower	Upper
139	100		
109	30.4	26.6	40.0
65	53.4	45.3	67.9





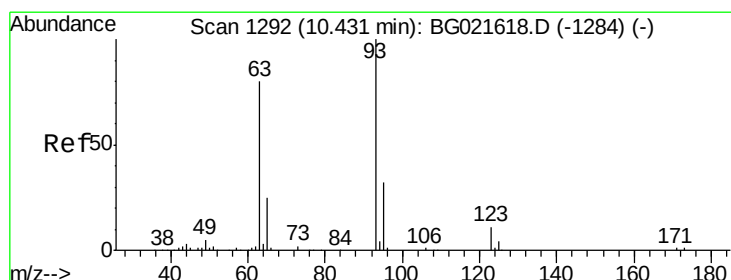
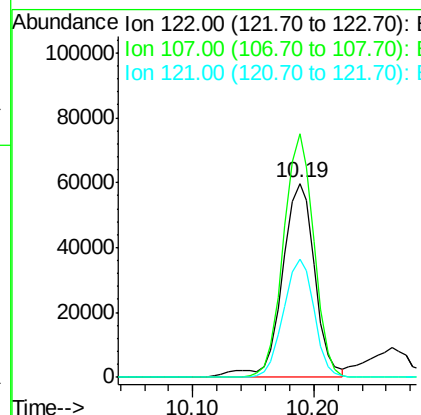
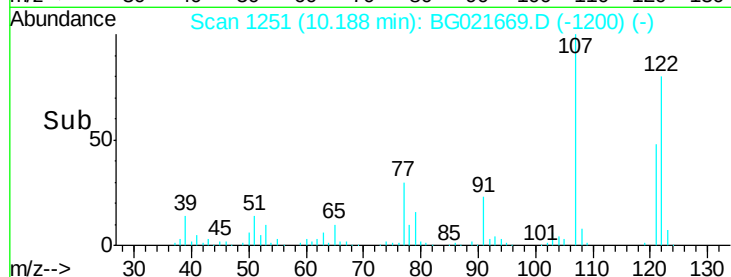
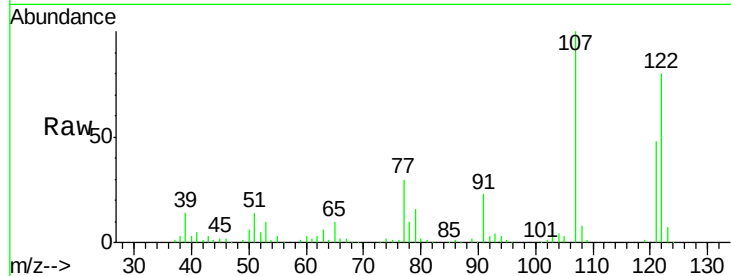
#27
 2,4-Dimethylphenol
 Concen: 43.53 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	111262		
107	125.3	97.2	145.8	
121	60.8	49.0	73.4	

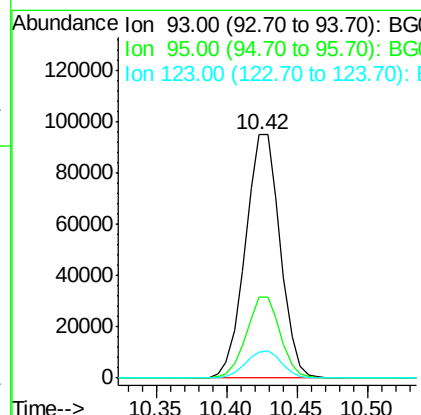
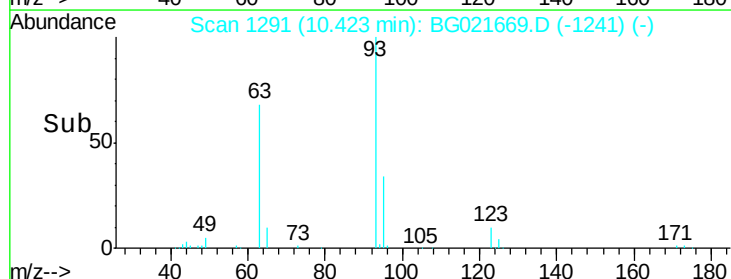
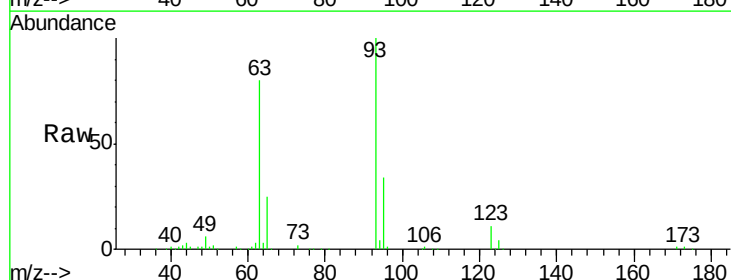
Manual Integrations
 APPROVED

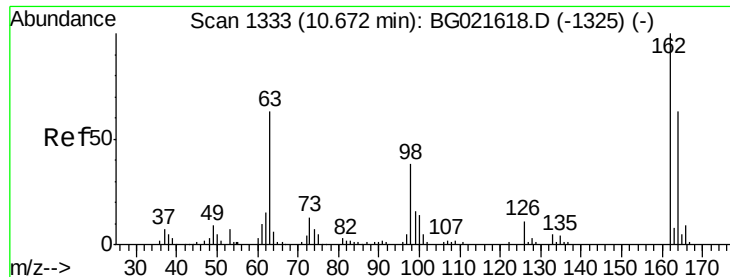
Sohil
 4/15/2016 4:44:51 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.15 ng
 RT: 10.42 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	163747		
95	33.5	30.1	45.1	
123	10.8	10.2	15.4	





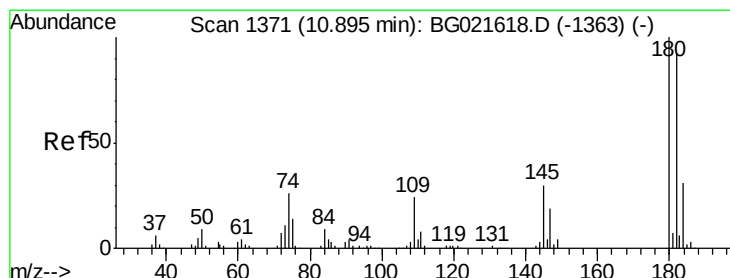
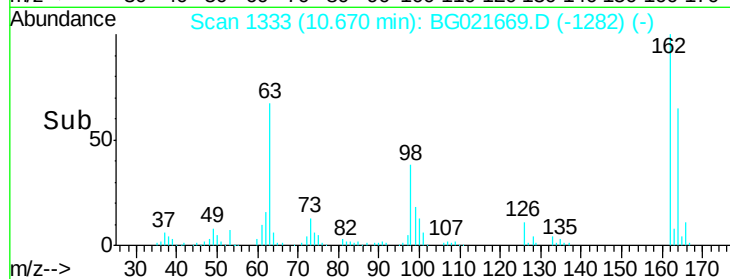
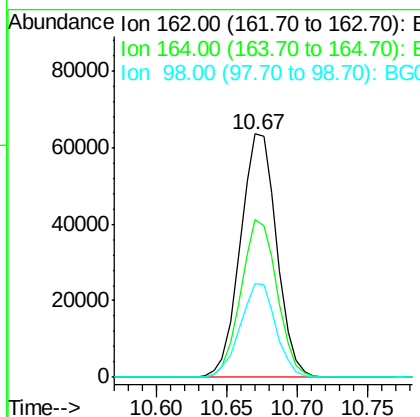
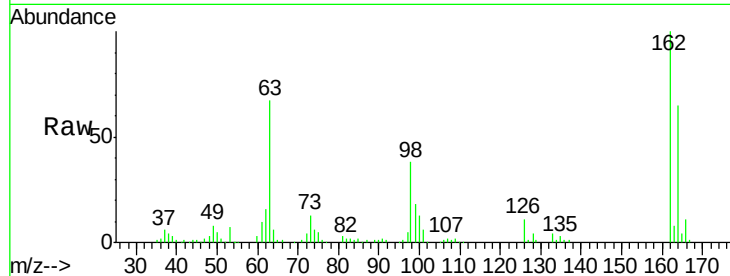
#29
 2,4-Dichlorophenol
 Concen: 52.60 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion:	162	Resp:	114637
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.9	84.9
98	38.3	19.2	59.2

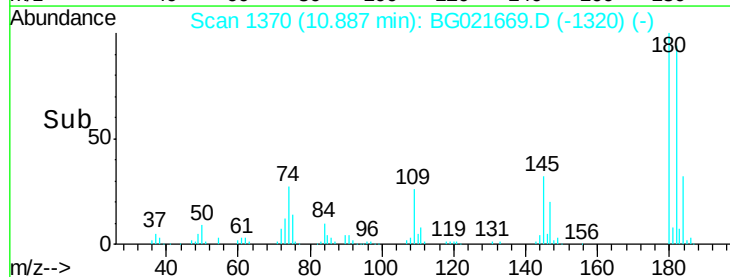
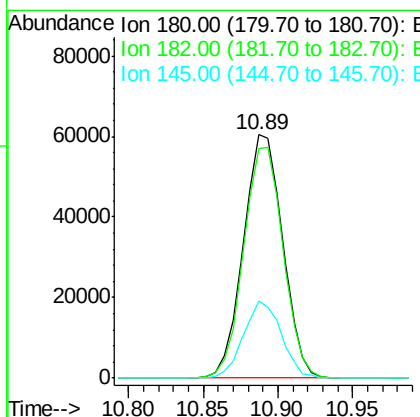
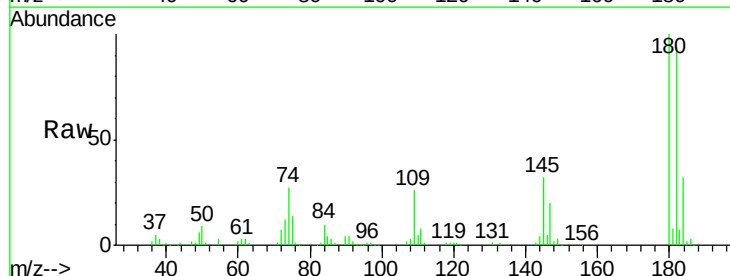
Manual Integrations
 APPROVED

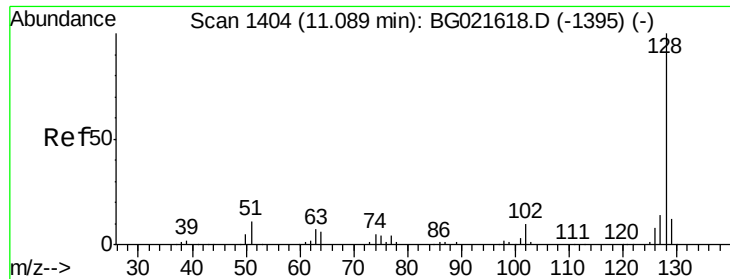
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.84 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion:	180	Resp:	109766
Ion Ratio	Lower	Upper	
180	100		
182	94.3	82.3	123.5
145	32.0	24.4	36.6





#31

Naphthalene

Concen: 47.15 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

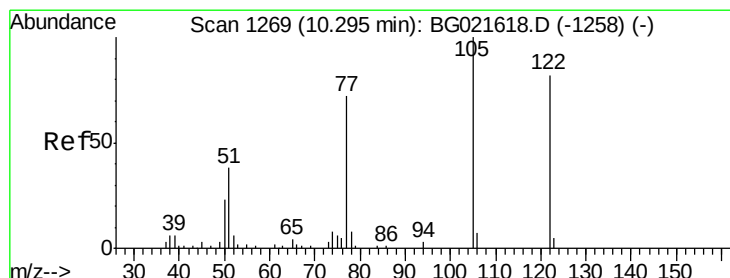
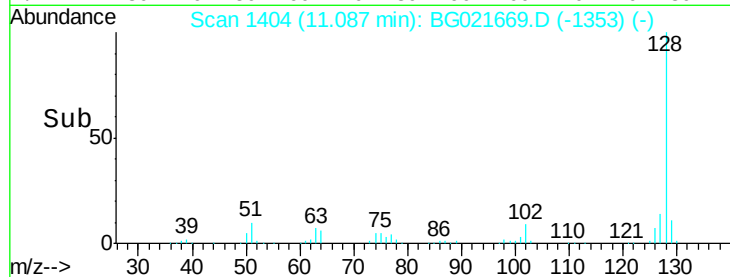
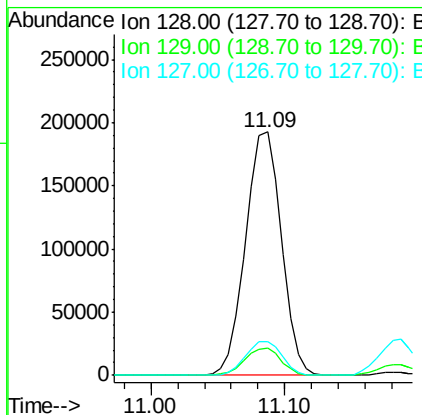
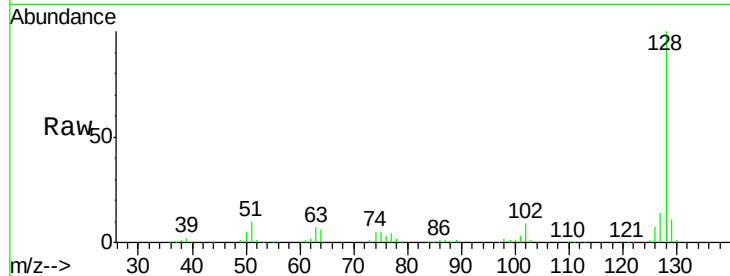
ClientSampleId :

S8-0572MSD

Tgt Ion:	128	Resp:	357047
Ion Ratio	Lower	Upper	
128	100		
129	11.3	7.0	10.6#
127	13.8	10.1	15.1

Manual Integrations
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#32

Benzoic acid

Concen: 19.81 ng m

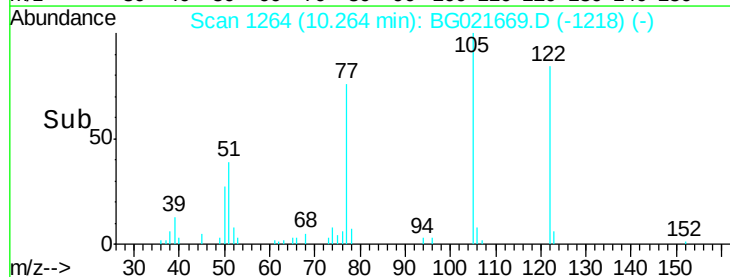
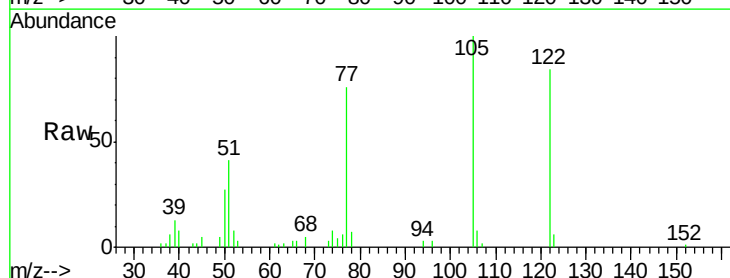
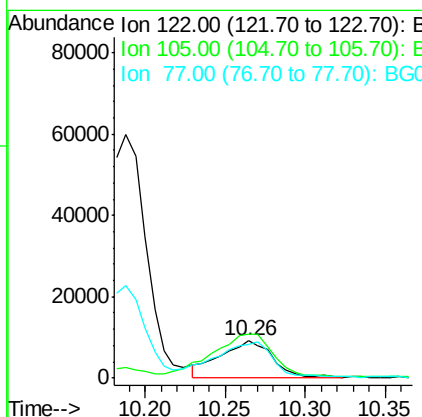
RT: 10.26 min Scan# 1264

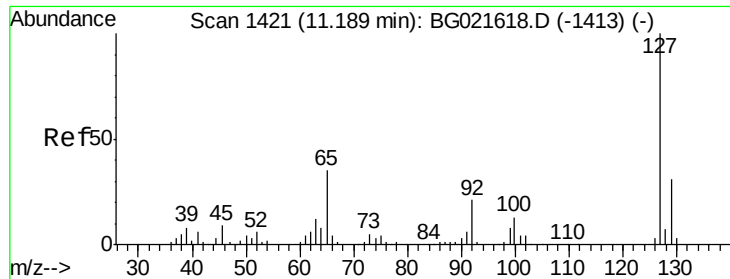
Delta R.T. -0.03 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion:	122	Resp:	21437
Ion Ratio	Lower	Upper	
122	100		
105	119.0	104.5	144.5
77	90.6	79.9	119.9





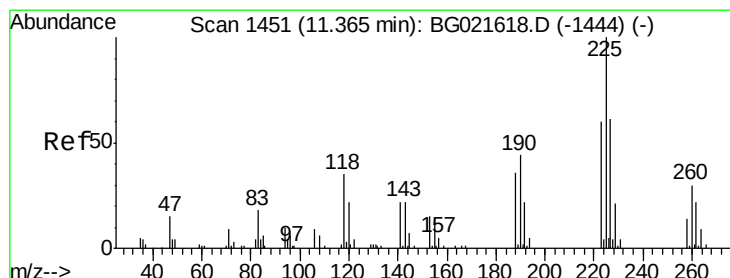
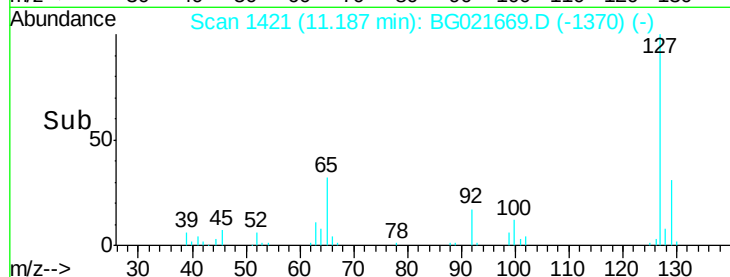
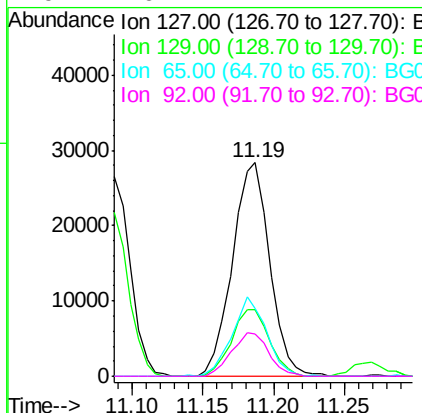
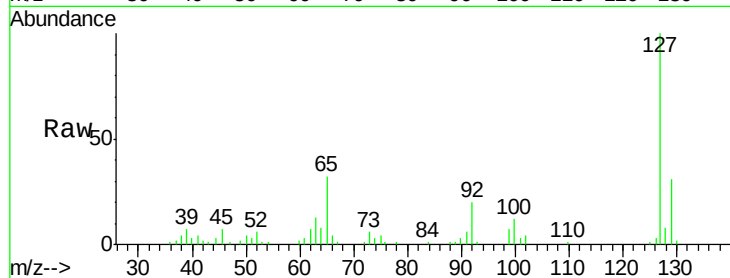
#33
4-Chloroaniline
Concen: 15.96 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	52317		
129	31.2	26.6	39.8	
65	31.8	27.5	41.3	
92	20.1	14.7	22.1	

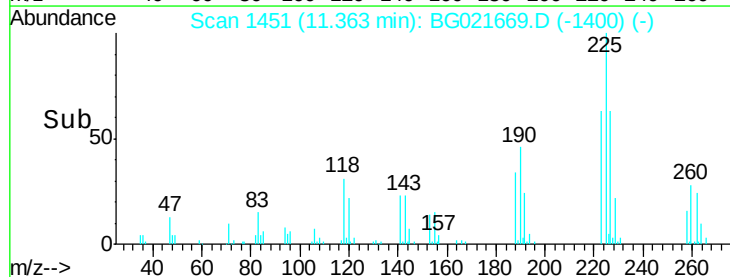
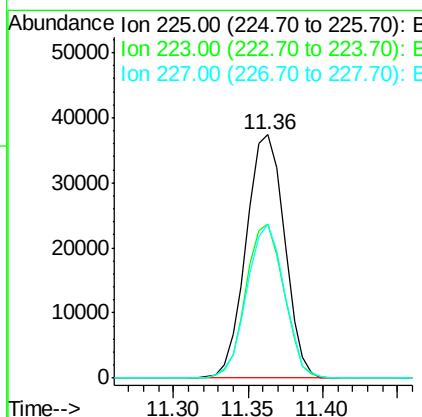
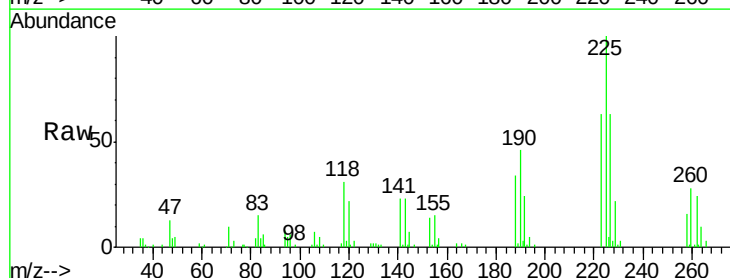
Manual Integrations
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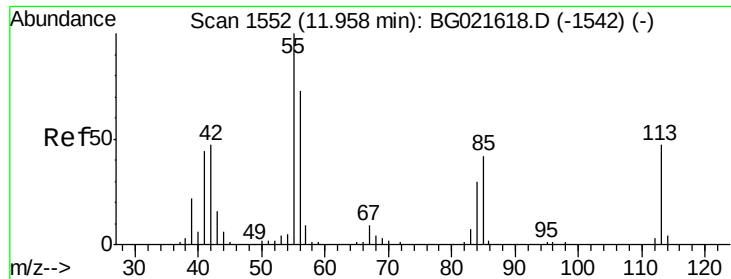
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#34
Hexachlorobutadiene
Concen: 44.00 ng
RT: 11.36 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66513		
223	63.3	52.7	79.1	
227	63.1	49.7	74.5	





#35

Caprolactam

Concen: 7.14 ng

RT: 11.96 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

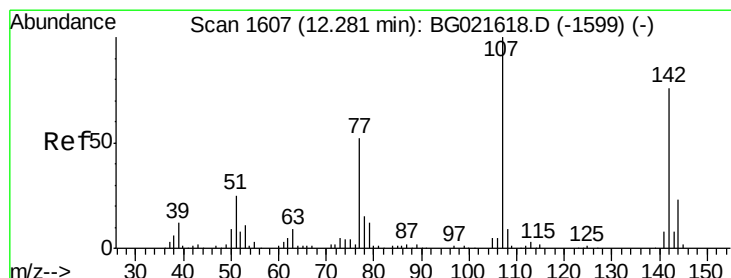
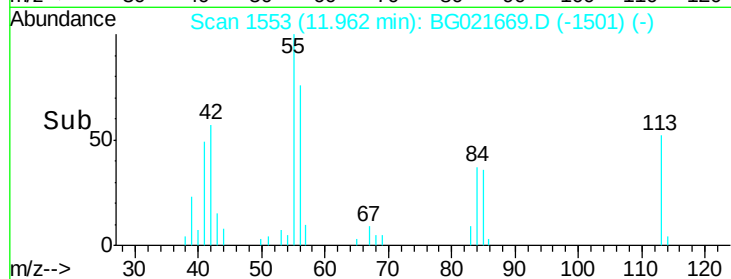
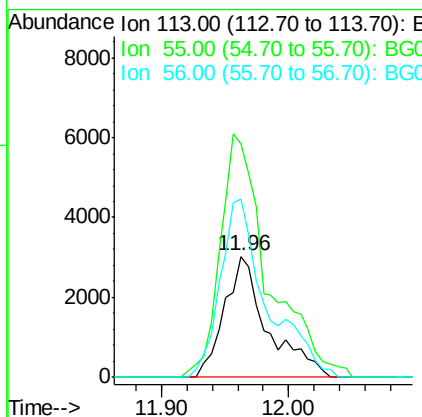
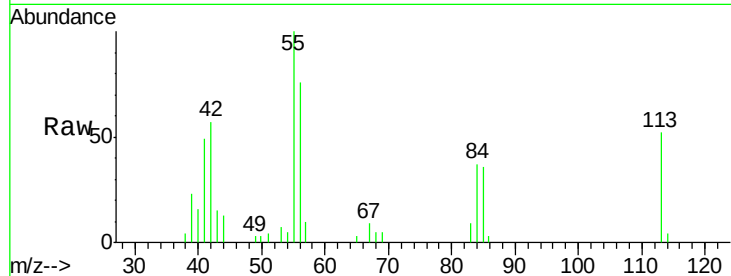
ClientSampleId :

S8-0572MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	193.0	194.2	234.2#
56	147.3	122.6	162.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 48.62 ng

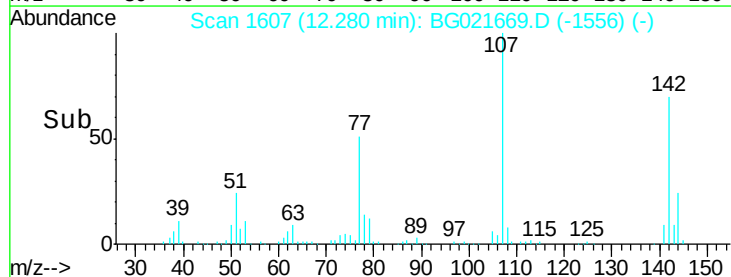
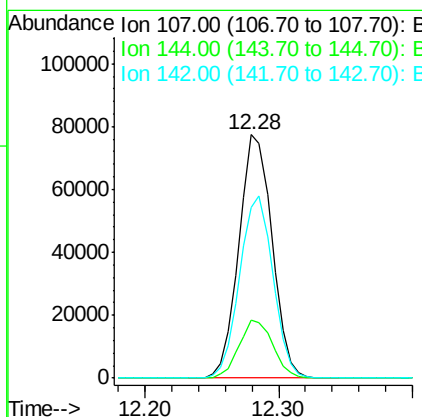
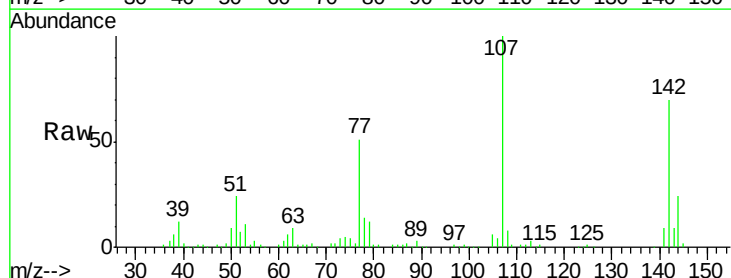
RT: 12.28 min Scan# 1607

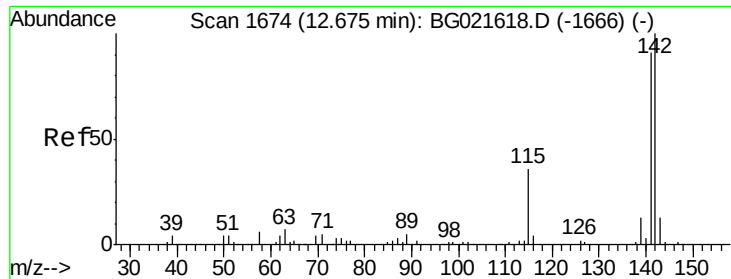
Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.2	28.8
142	70.2	59.1	88.7





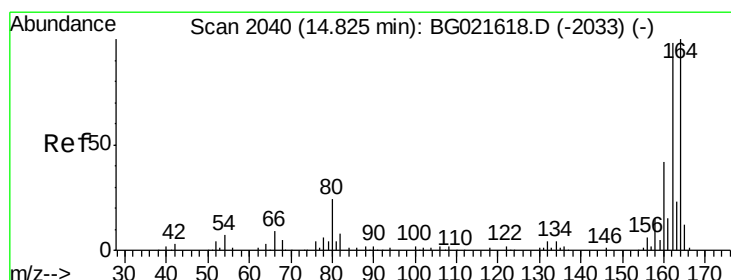
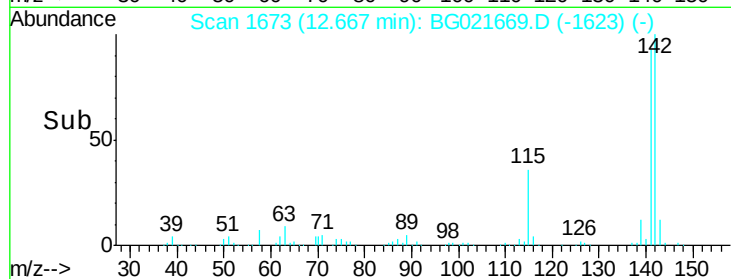
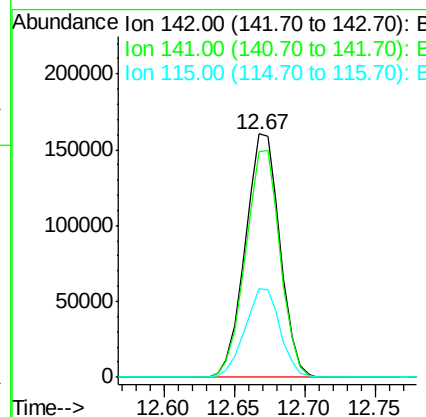
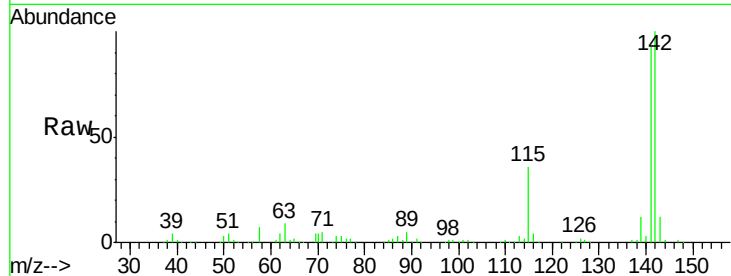
#37
 2-Methylnaphthalene
 Concen: 53.13 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	276166		
141	92.8	71.4	107.0	
115	36.3	27.4	41.2	

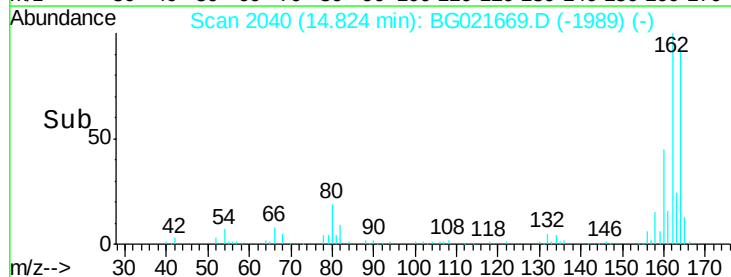
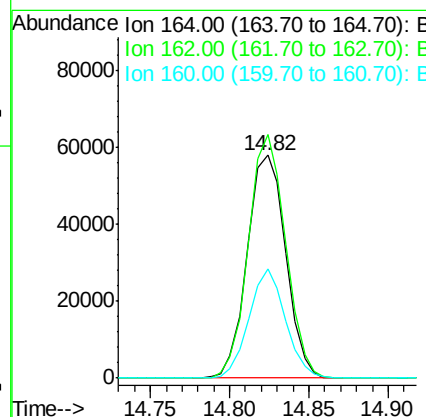
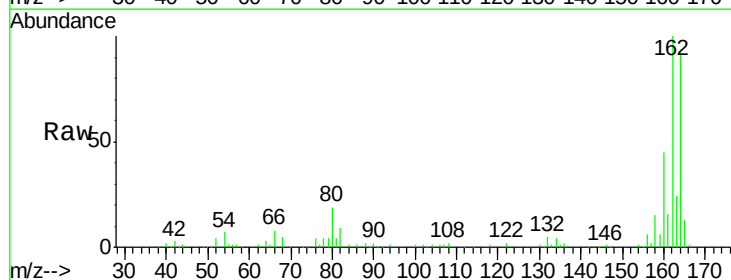
Manual Integrations
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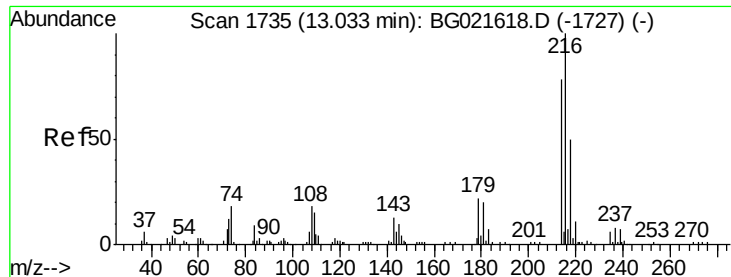
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97806		
162	109.1	78.0	117.0	
160	48.8	32.9	49.3	





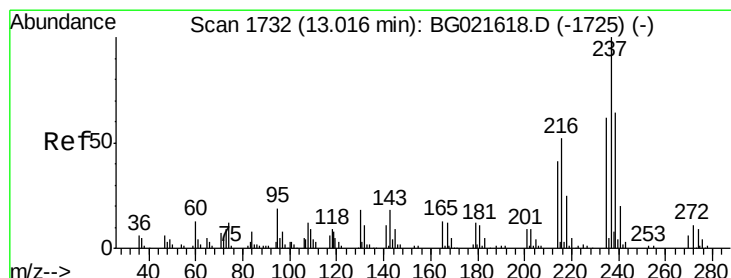
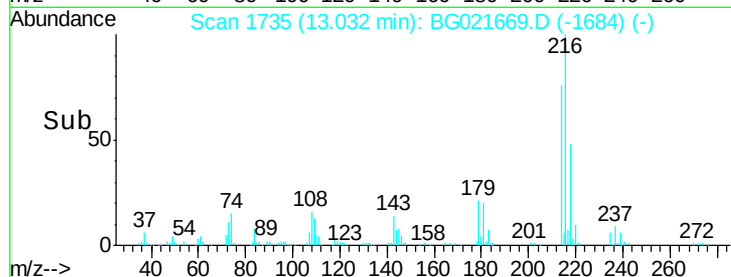
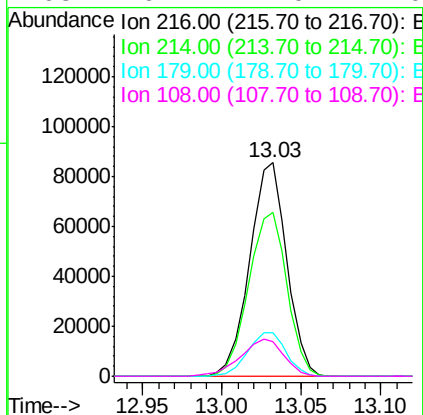
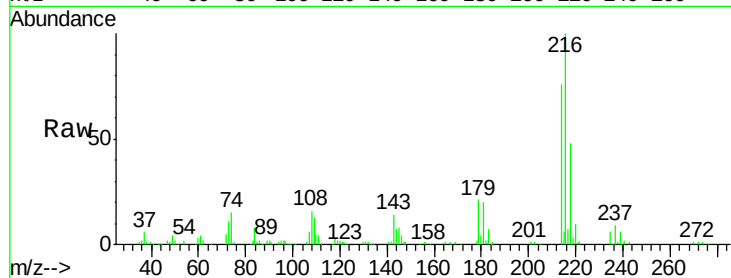
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.38 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	138713		
214	79.4	62.2	93.2	
179	21.3	16.7	25.1	
108	20.2	14.0	21.0	

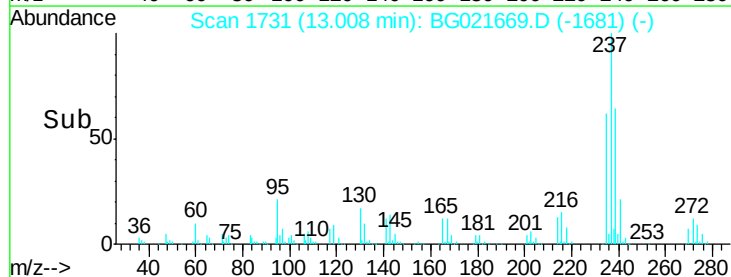
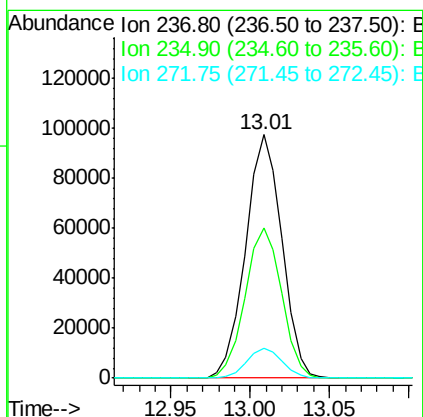
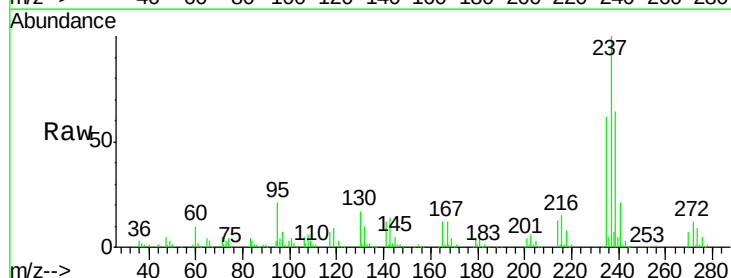
Manual Integrations
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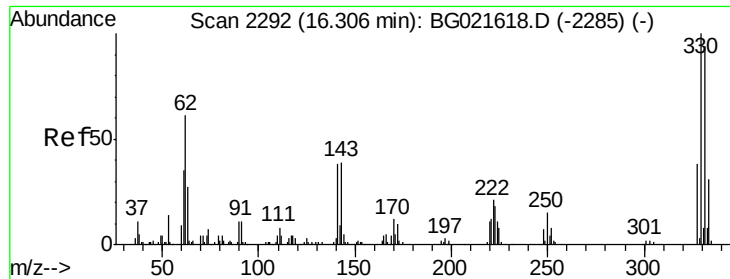
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#40
 Hexachlorocyclopentadiene
 Concen: 91.25 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	154942		
235	61.8	43.2	83.2	
272	12.4	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 178.18 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

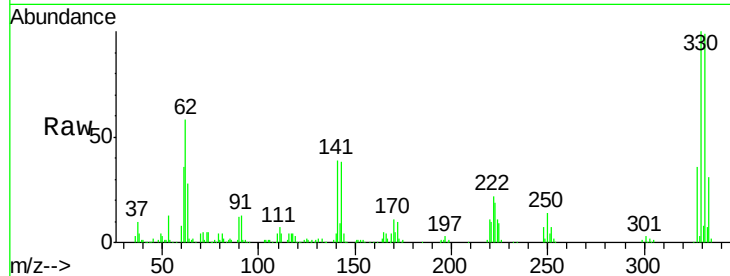
ClientSampleId :

S8-0572MSD

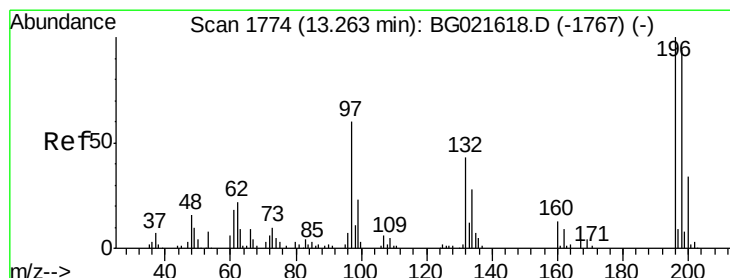
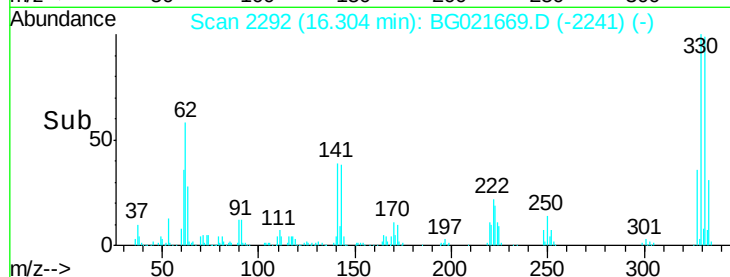
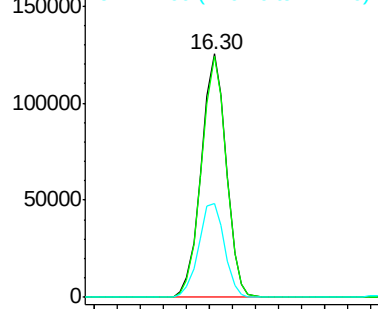
Tgt Ion:	330	Resp:	187820
Ion Ratio	Lower	Upper	
330	100		
332	98.3	78.0	117.0
141	40.3	33.8	50.8

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



#42

2,4,6-Trichlorophenol

Concen: 51.72 ng

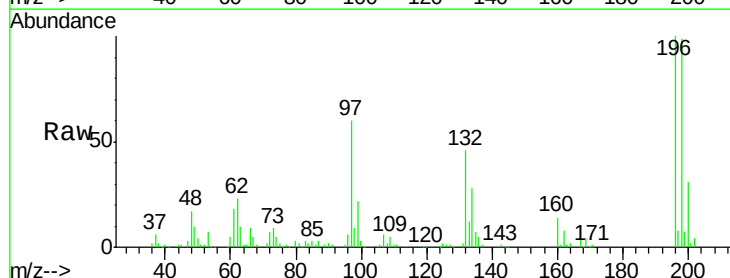
RT: 13.26 min Scan# 1774

Delta R.T. -0.00 min

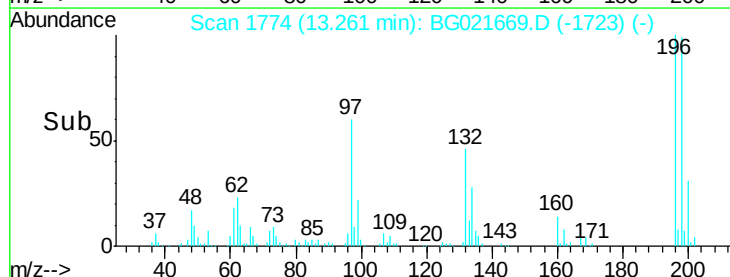
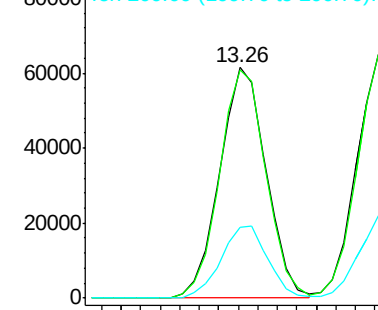
Lab File: BG021669.D

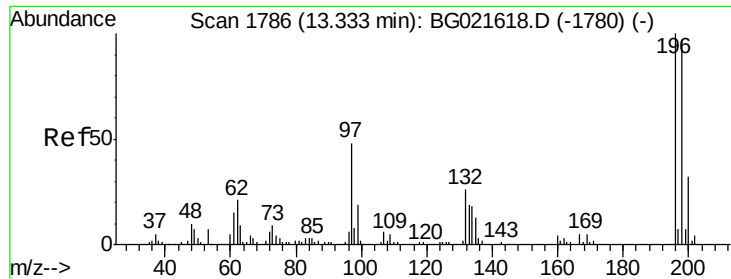
Acq: 15 Apr 2016 1:51

Tgt Ion:	196	Resp:	100801
Ion Ratio	Lower	Upper	
196	100		
198	99.1	80.1	120.1
200	31.0	24.1	36.1



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





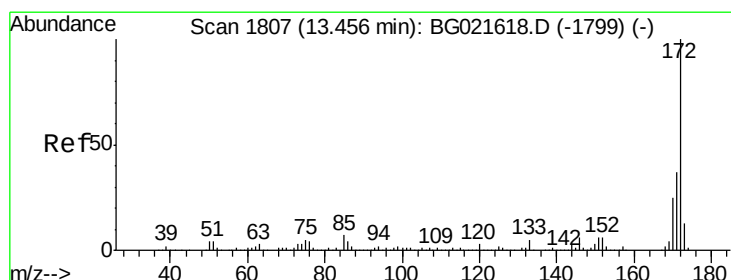
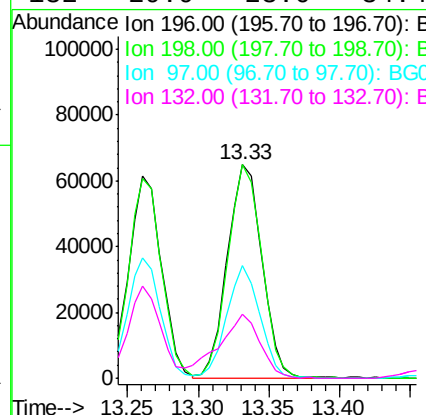
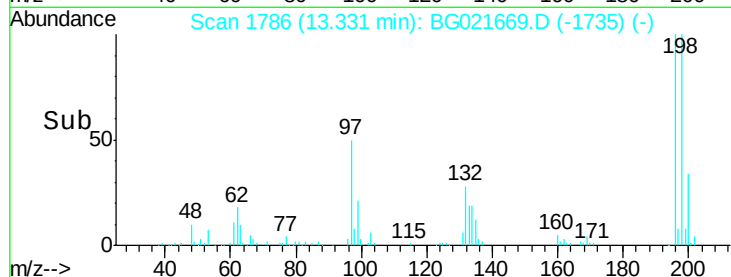
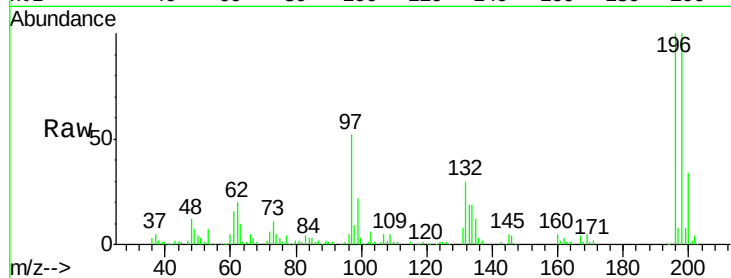
#43
 2,4,5-Trichlorophenol
 Concen: 52.42 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		110250		
198	100.2	78.0	117.0		
97	52.5	43.0	64.6		
132	29.9	23.0	34.4		

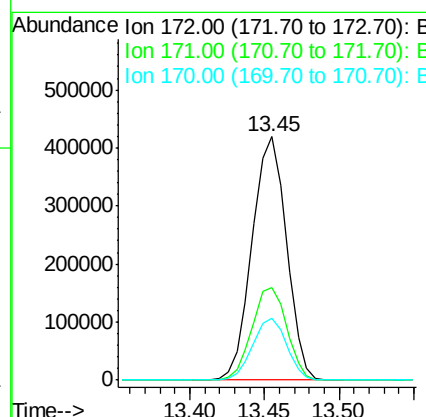
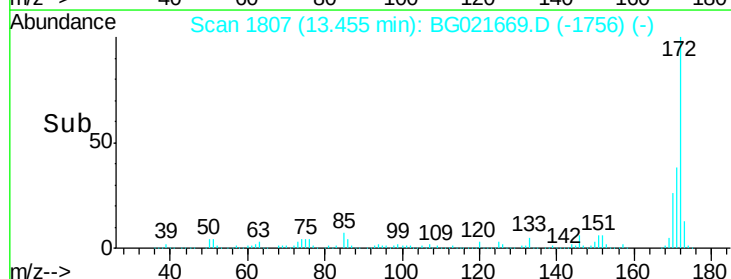
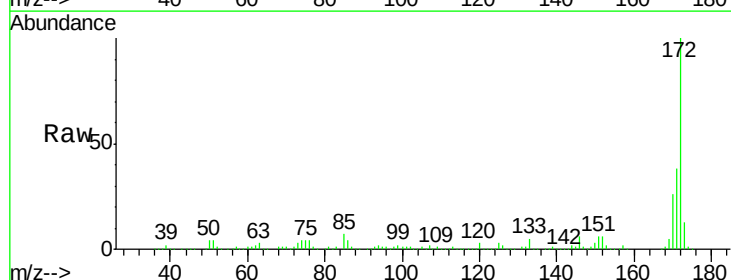
Manual Integrations
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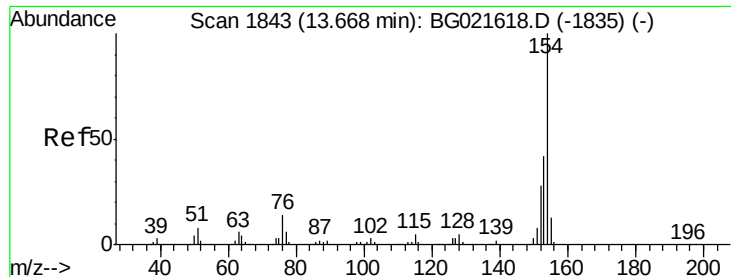
Sohil
 4/15/2016 4:44:51 PM



#44
 2-Fluorobiphenyl
 Concen: 100.01 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		667637		
171	37.8	27.8	41.6		
170	25.5	19.6	29.4		





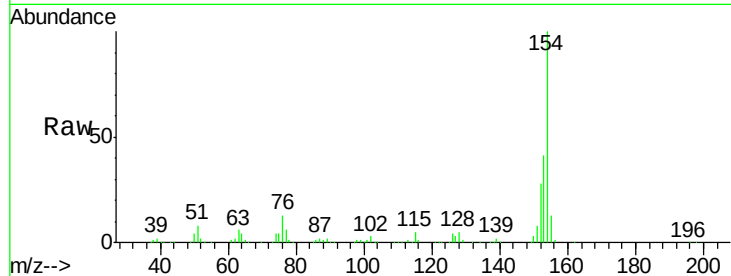
#45
 1,1'-Biphenyl
 Concen: 45.42 ng
 RT: 13.67 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

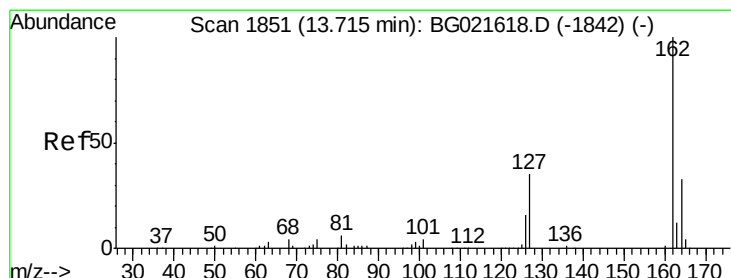
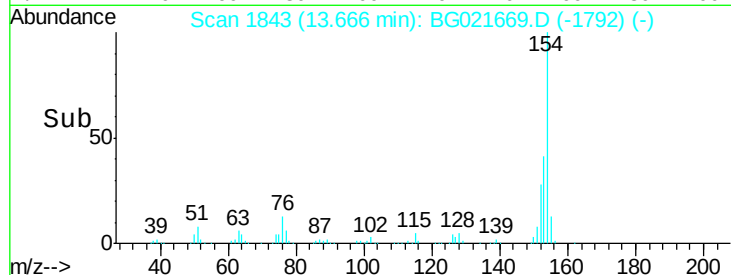
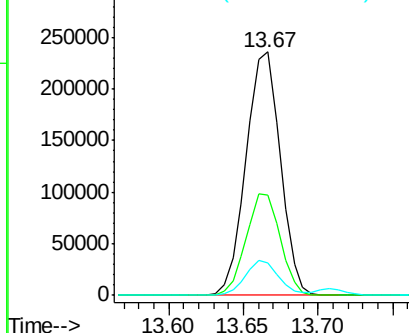
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.7	59.7
76	13.4	0.0	33.0

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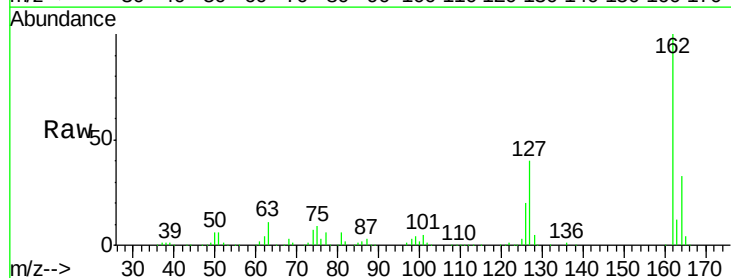


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

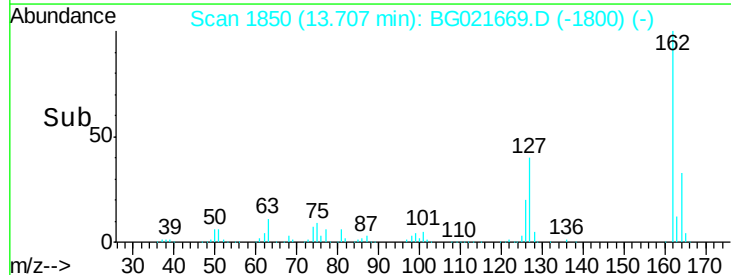
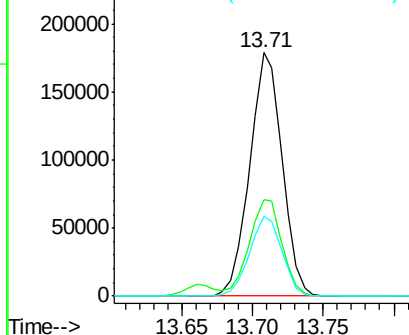


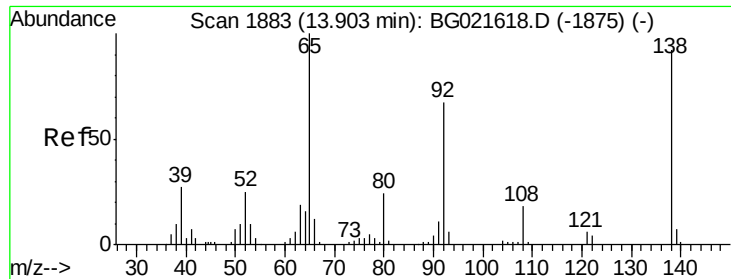
#46
 2-Chloronaphthalene
 Concen: 47.26 ng
 RT: 13.71 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.0	48.0
164	32.9	27.0	40.4



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





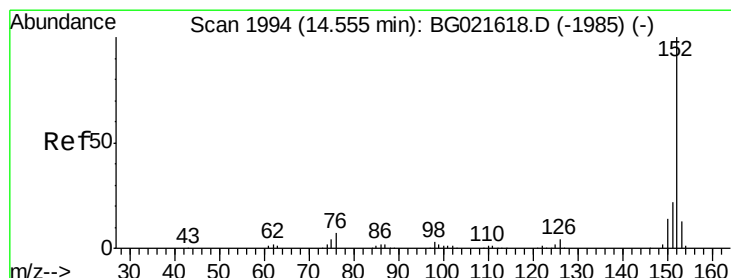
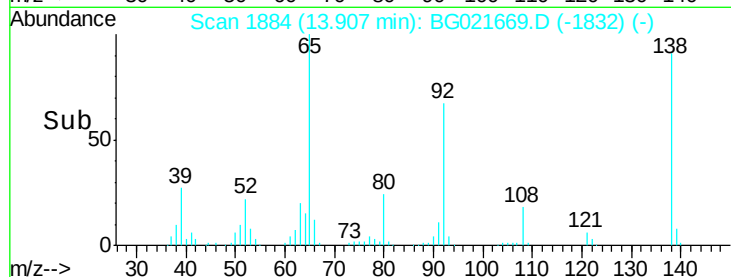
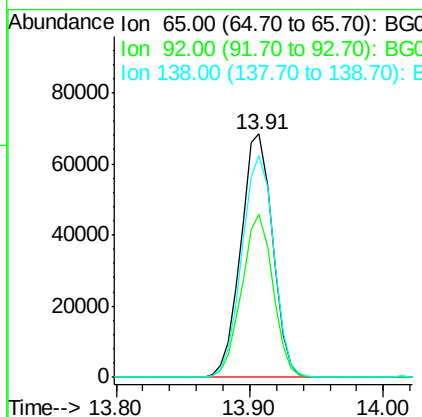
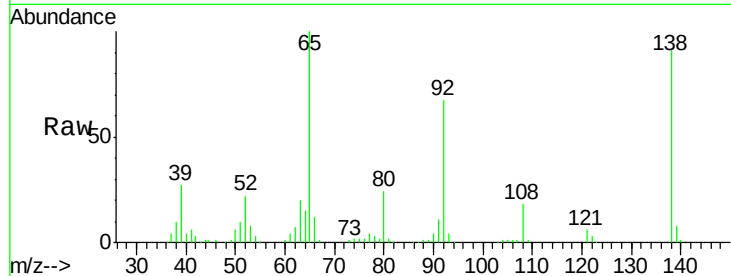
#47
2-Nitroaniline
Concen: 53.71 ng
RT: 13.91 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	49.2	73.8
138	90.9	75.0	112.6

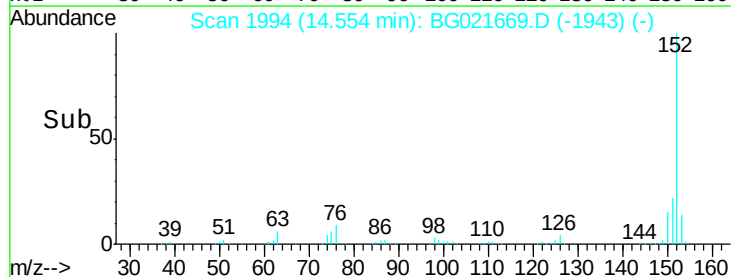
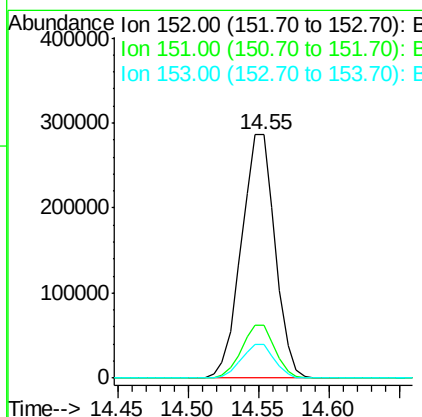
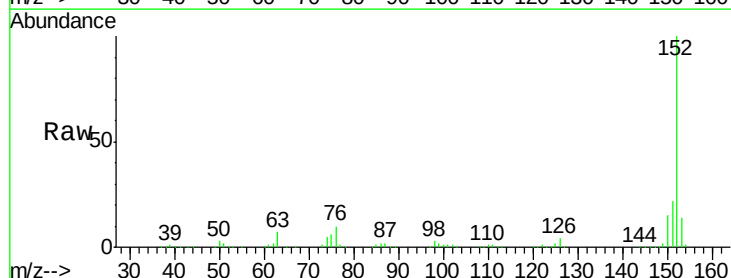
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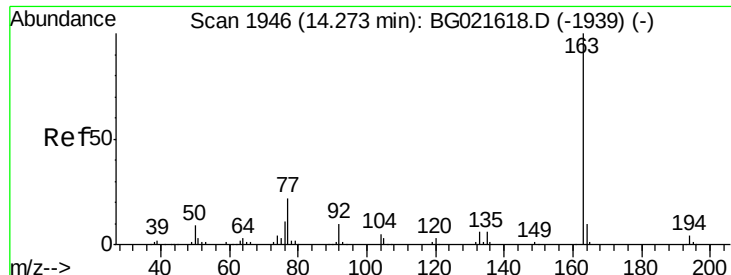
Sohil
4/15/2016 4:44:51 PM



#48
Acenaphthylene
Concen: 47.51 ng
RT: 14.55 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.6	24.8
153	13.6	10.2	15.2





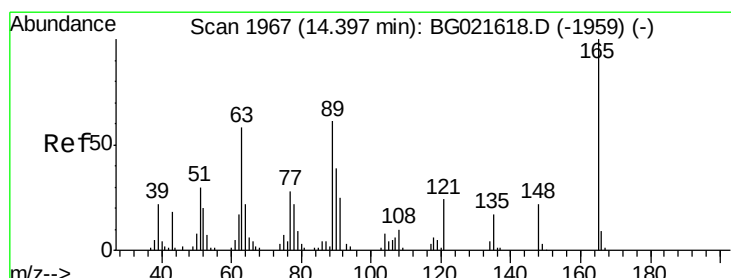
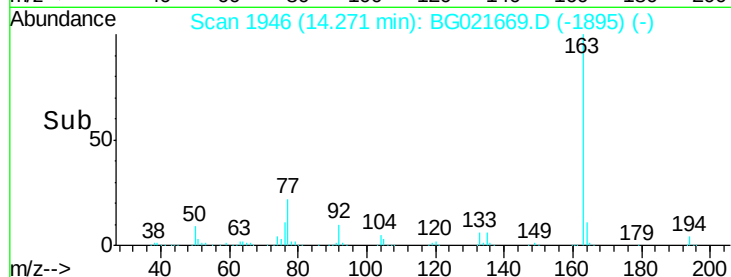
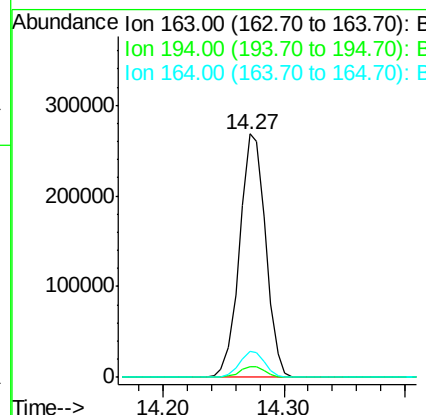
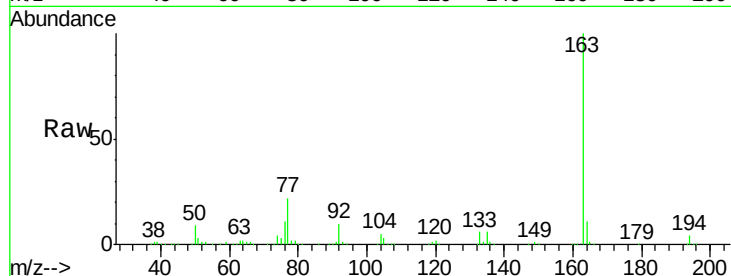
#49
Dimethylphthalate
Concen: 47.68 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.0	4.6
164	10.6	8.1	12.1

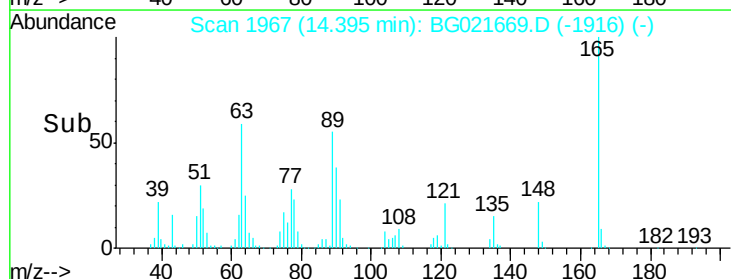
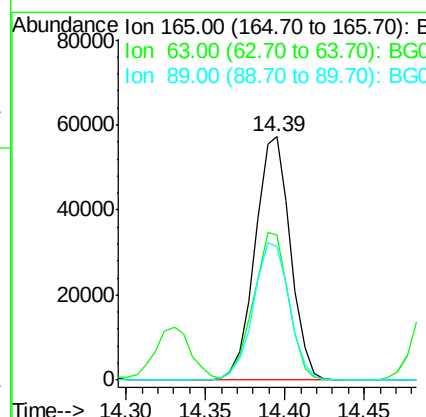
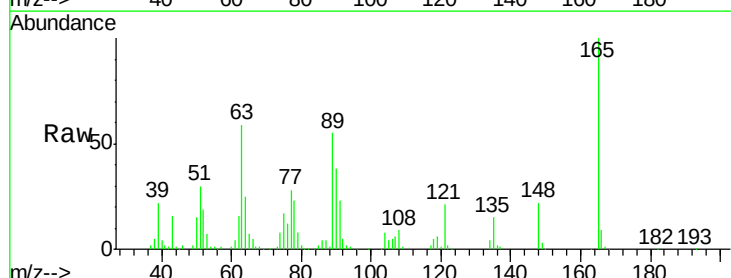
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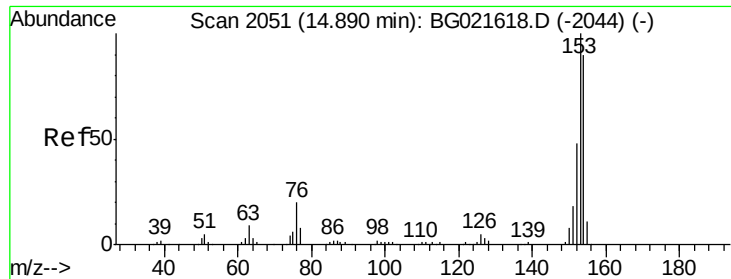
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#50
2,6-Dinitrotoluene
Concen: 54.72 ng
RT: 14.39 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.4	48.2	72.4
89	54.6	45.3	67.9





#51

Acenaphthene

Concen: 53.54 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021669.D

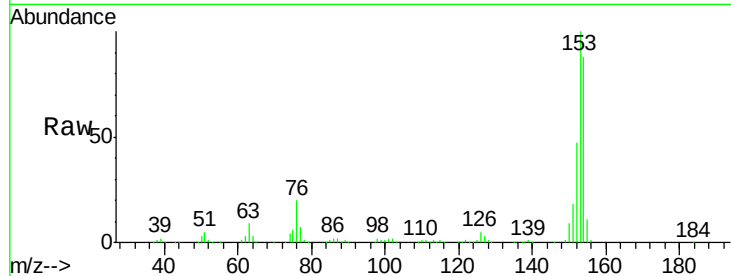
Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

ClientSampled :

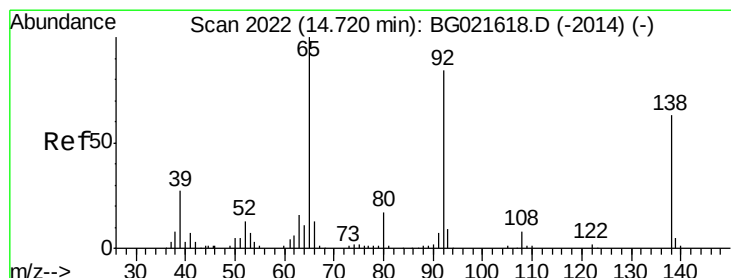
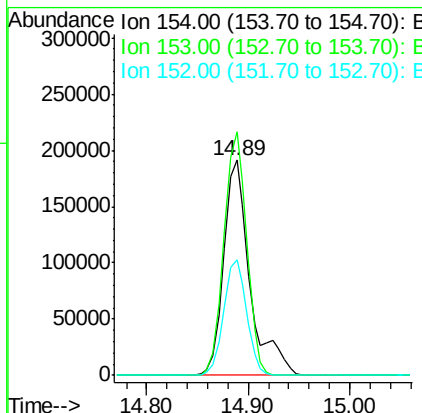
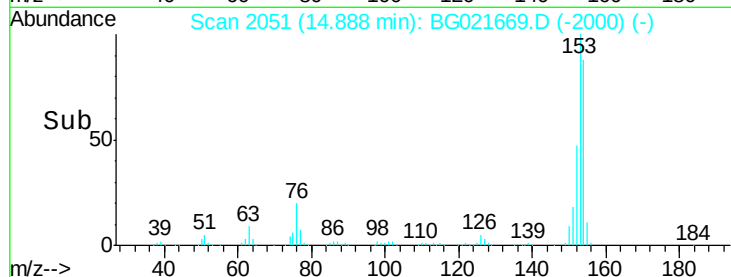
S8-0572MSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.3	91.9	137.9	
152	53.8	42.0	63.0	

Manual Integrations
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#52

3-Nitroaniline

Concen: 21.55 ng

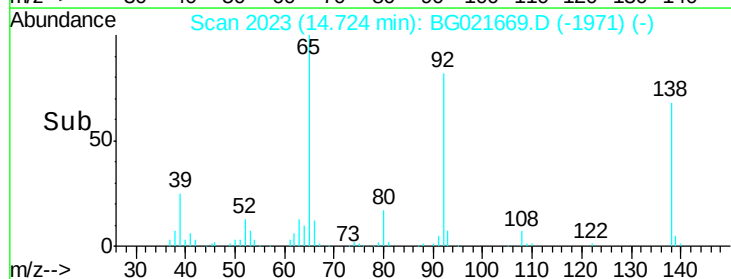
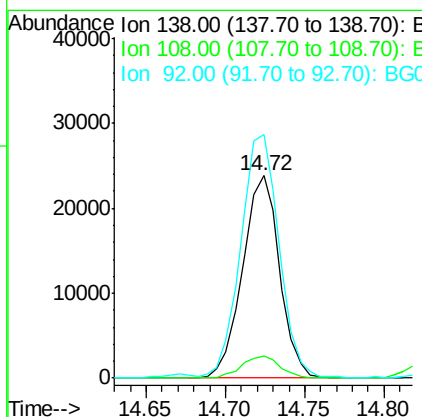
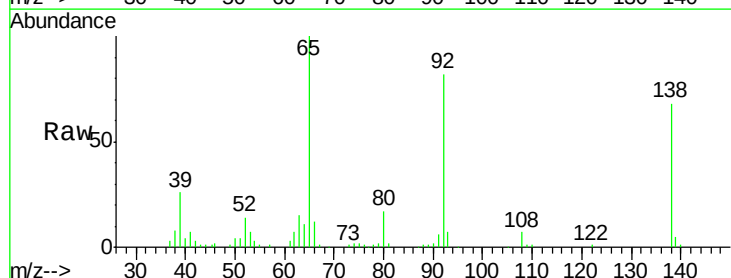
RT: 14.72 min Scan# 2023

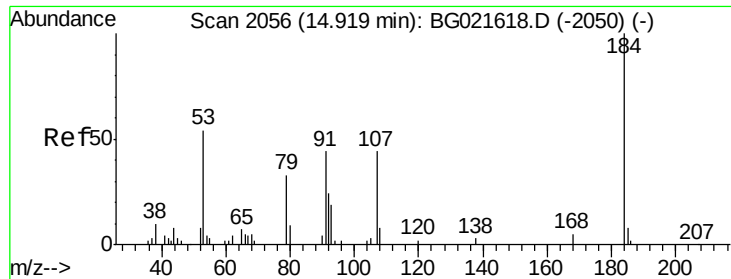
Delta R.T. 0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.8	9.1	13.7	
92	120.3	102.6	154.0	





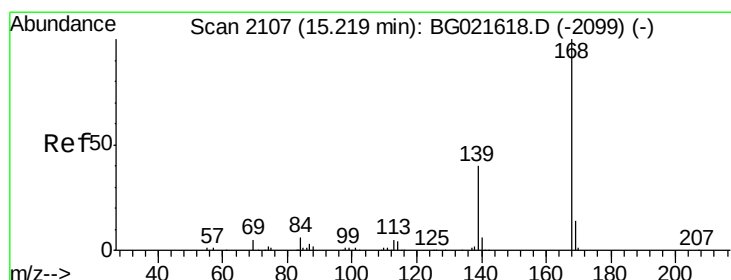
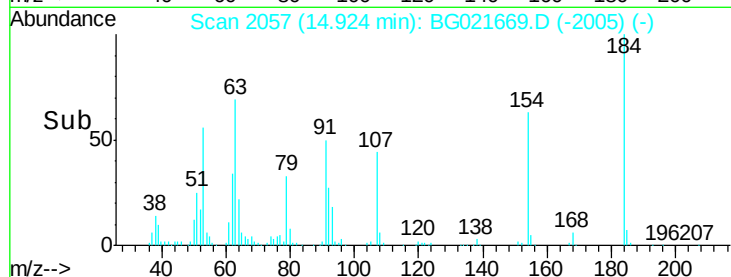
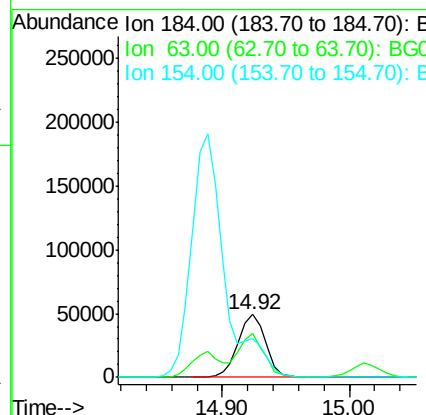
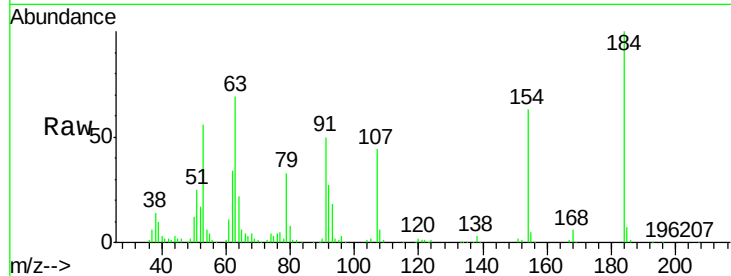
#53
2,4-Dinitrophenol
Concen: 115.96 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	74228		
63	69.1	57.3	85.9	
154	62.9	55.2	82.8	

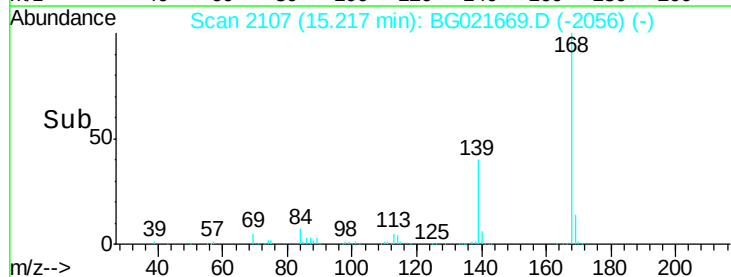
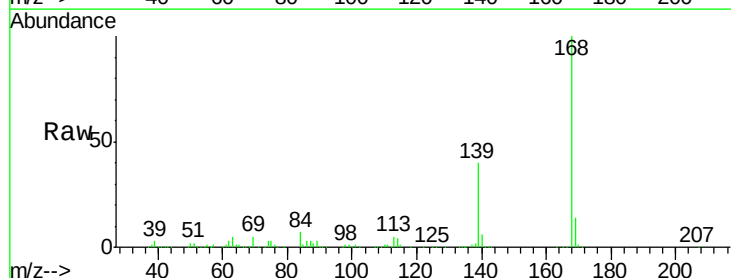
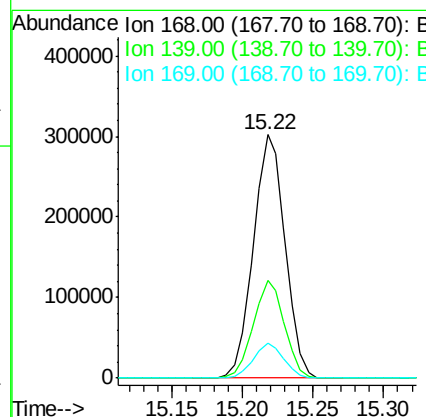
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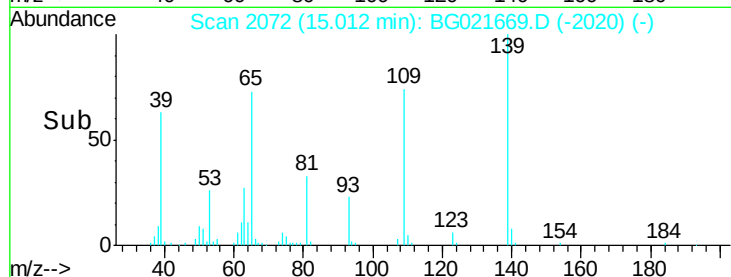
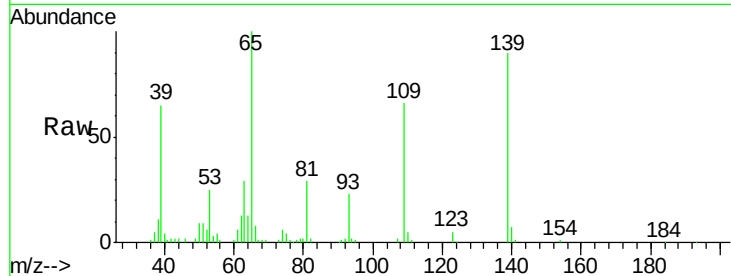
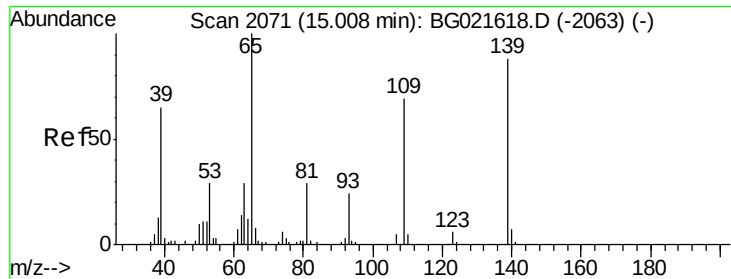
Sohil
4/15/2016 4:44:51 PM



#54
Dibenzofuran
Concen: 54.07 ng
RT: 15.22 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	475445		
139	40.1	31.1	46.7	
169	14.2	11.0	16.6	





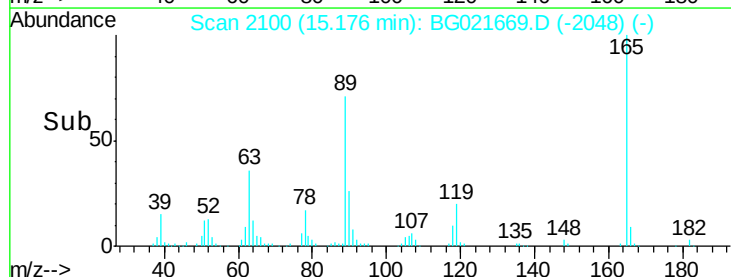
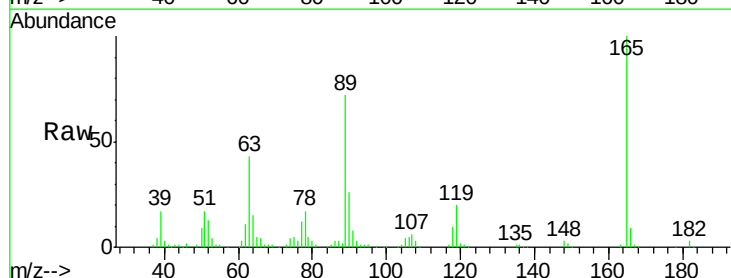
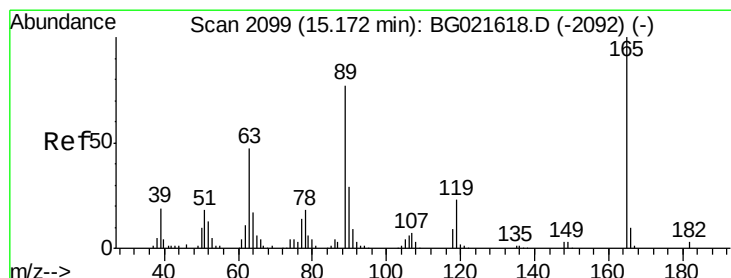
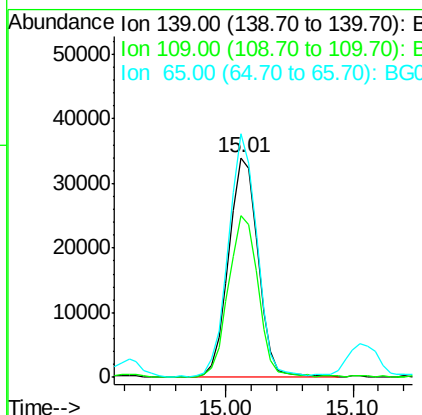
#55
4-Nitrophenol
Concen: 35.62 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	54544		
109	73.4	49.2	89.2	
65	110.8	83.2	123.2	

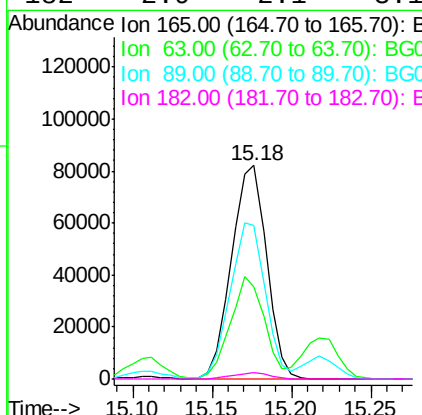
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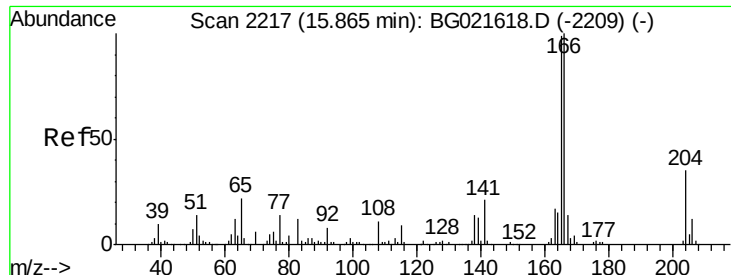
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#56
2,4-Dinitrotoluene
Concen: 58.00 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126398		
63	43.0	37.4	56.0	
89	71.8	59.4	89.0	
182	2.9	2.1	3.1	





#57

Fluorene

Concen: 49.95 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG021669.D

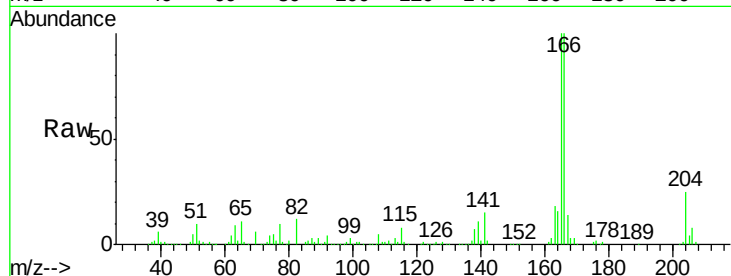
Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

ClientSampleId :

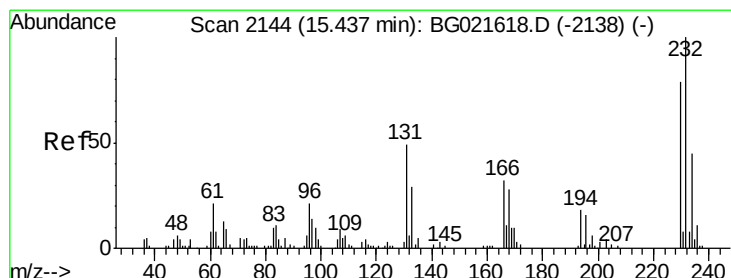
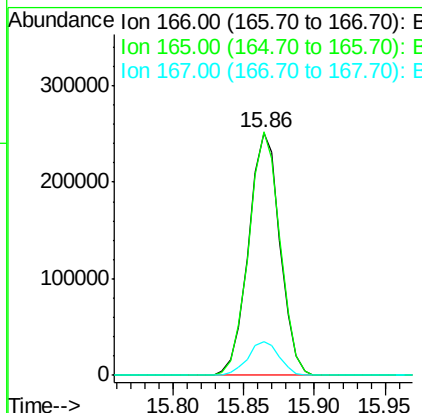
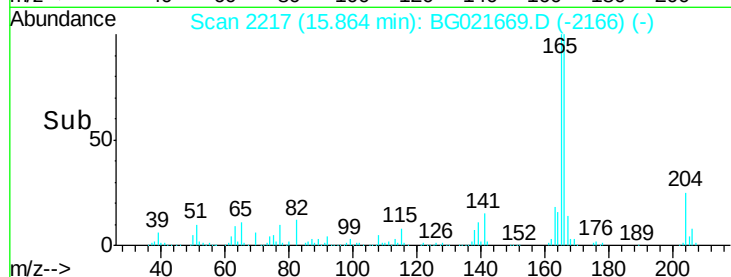
S8-0572MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	392206		
165	100.3	79.0	118.4	
167	13.9	10.7	16.1	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.19 ng

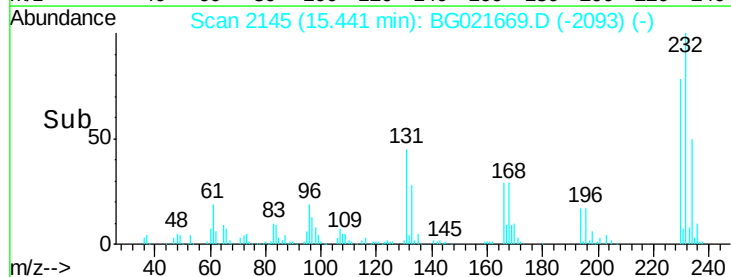
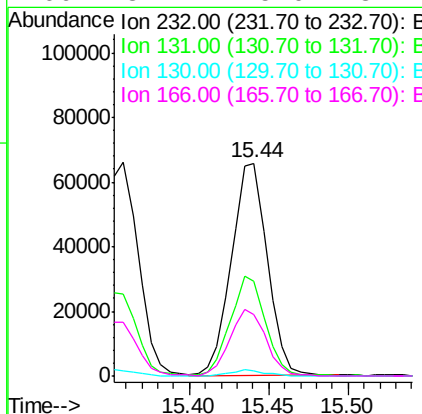
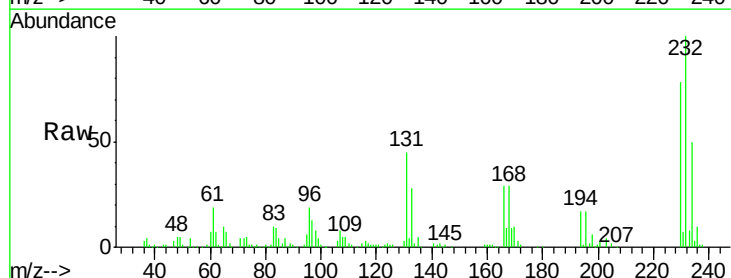
RT: 15.44 min Scan# 2145

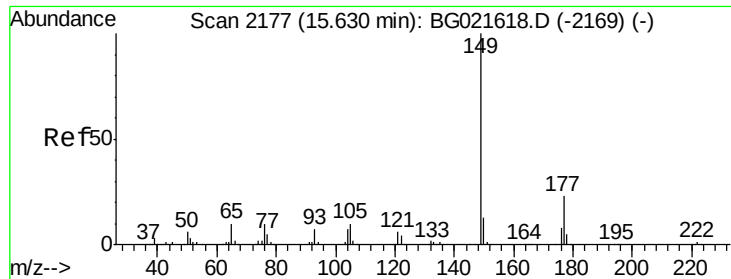
Delta R.T. 0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	103284		
131	46.5	36.3	54.5	
130	2.8	1.9	2.9	
166	31.7	25.0	37.4	





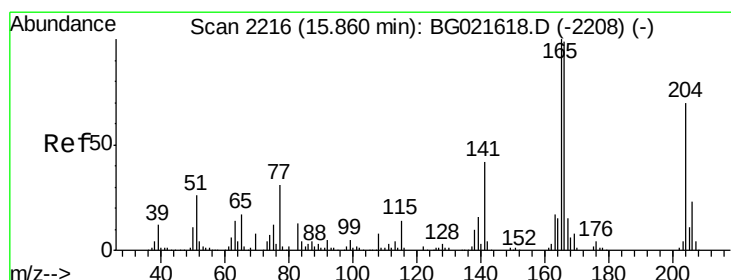
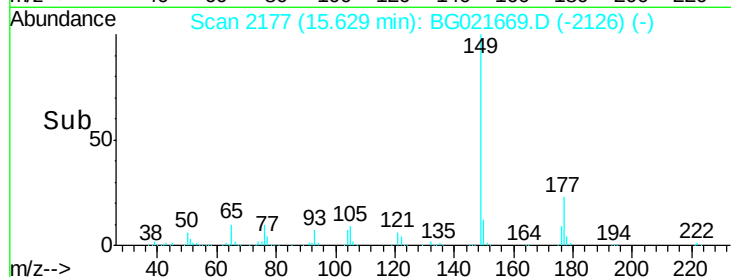
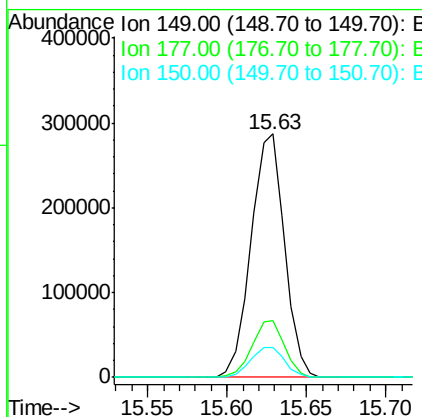
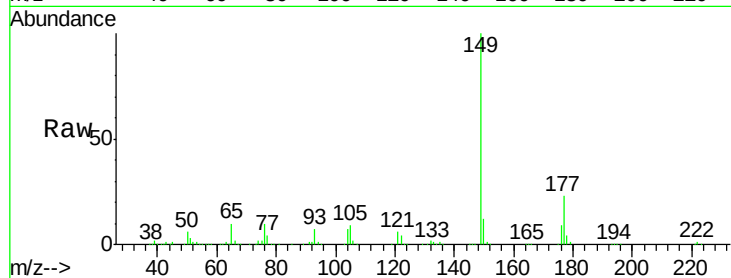
#59
Diethylphthalate
Concen: 47.66 ng
RT: 15.63 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.1	17.3	25.9
150	12.2	9.7	14.5

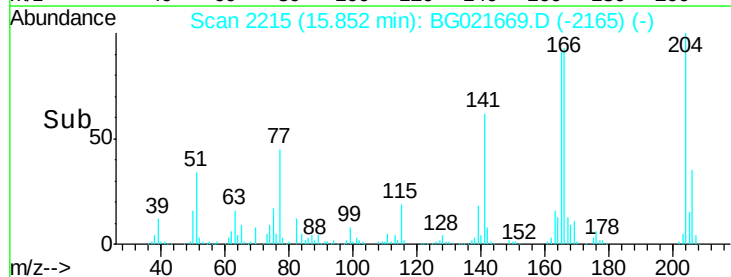
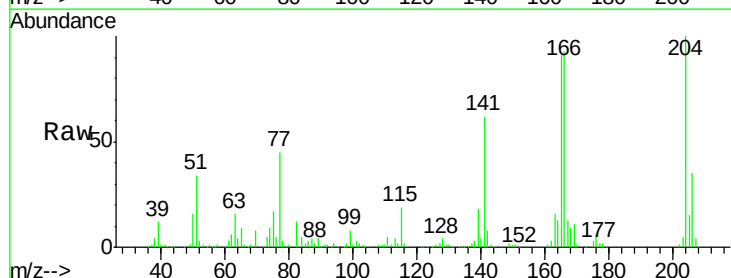
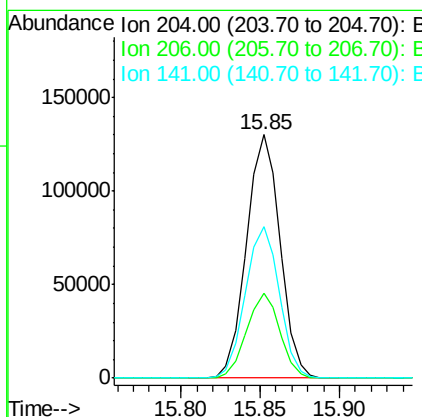
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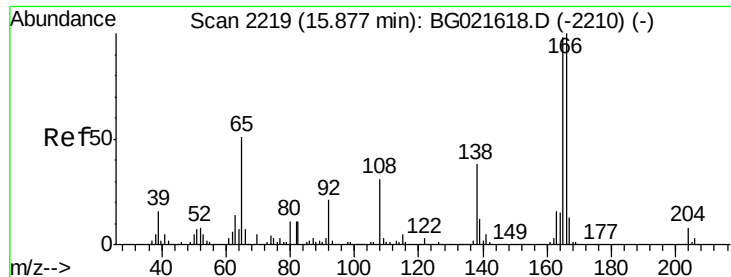
Sohil
4/15/2016 4:44:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.52 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.9	27.8	41.8
141	62.0	51.0	76.4





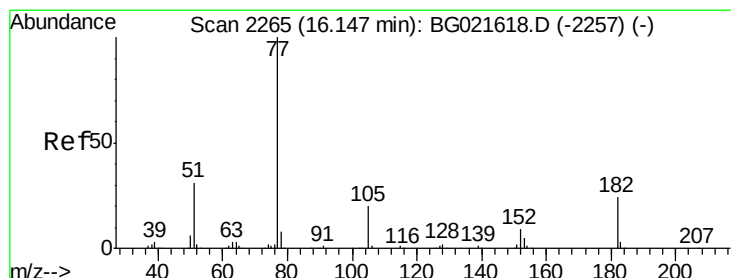
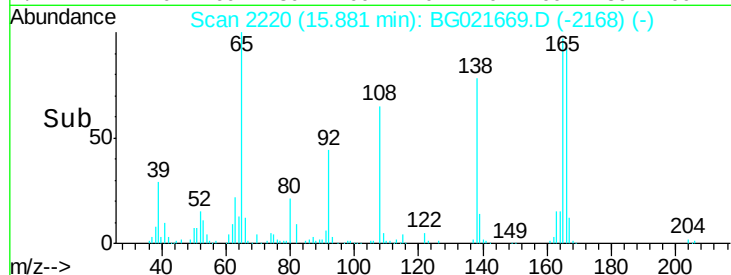
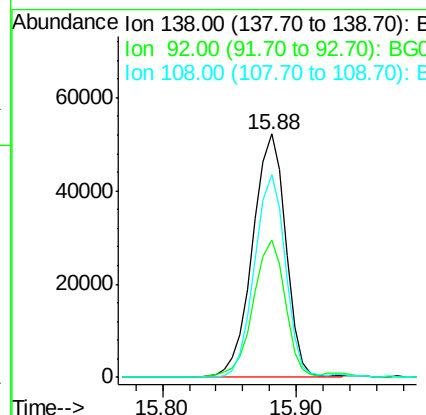
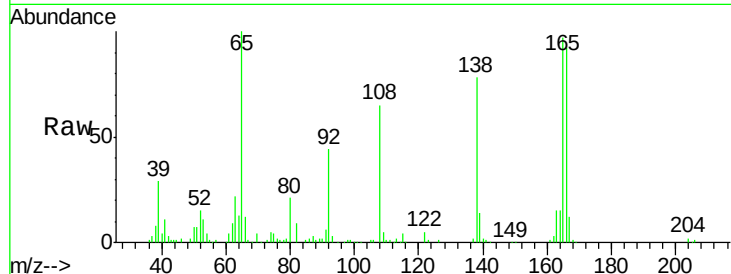
#61
 4-Nitroaniline
 Concen: 45.66 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion:	138	Resp:	89840
Ion Ratio	Lower	Upper	
138	100		
92	56.4	37.7	77.7
108	83.2	59.4	99.4

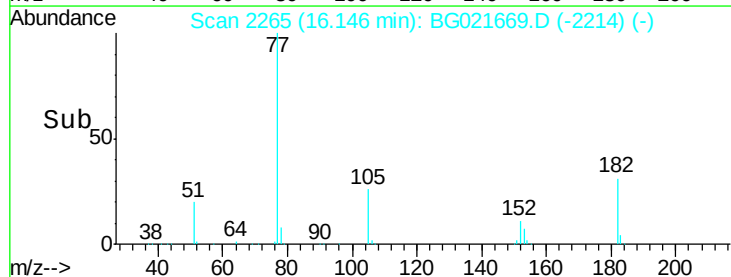
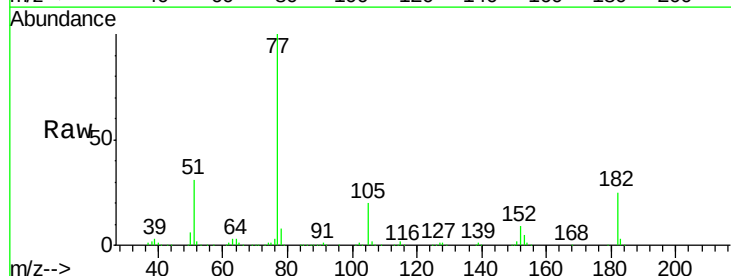
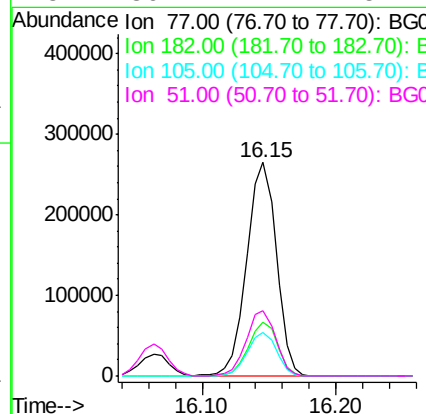
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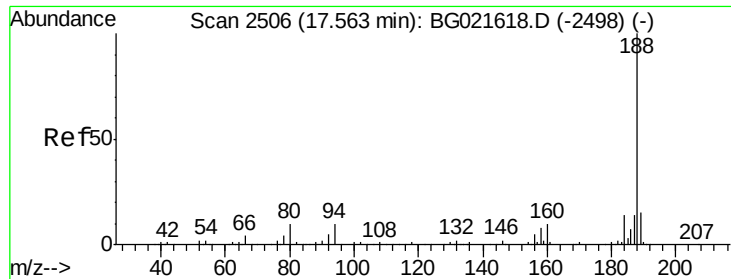
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#62
 Azobenzene
 Concen: 53.52 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion:	77	Resp:	404816
Ion Ratio	Lower	Upper	
77	100		
182	25.0	4.1	44.1
105	20.4	0.0	39.8
51	30.7	11.1	51.1





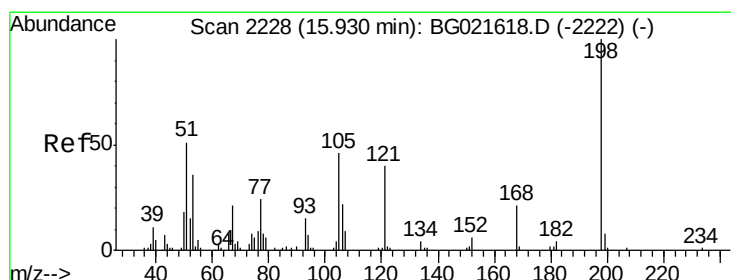
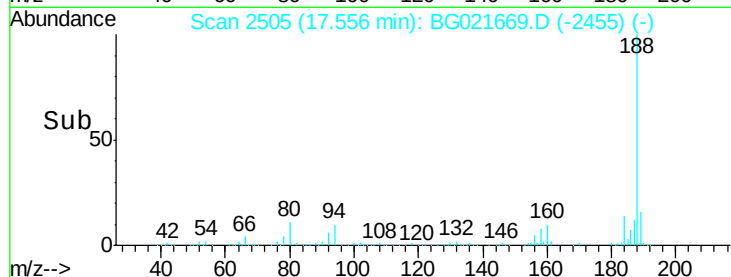
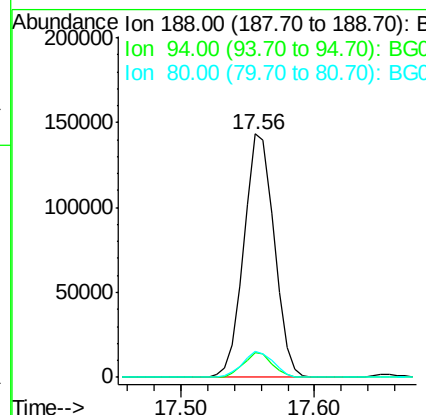
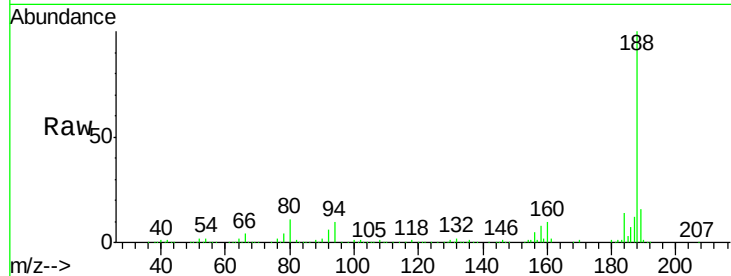
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	224132		
94	10.1	7.5	11.3	
80	10.7	8.6	13.0	

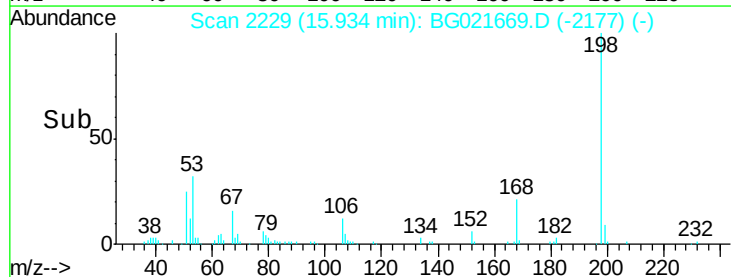
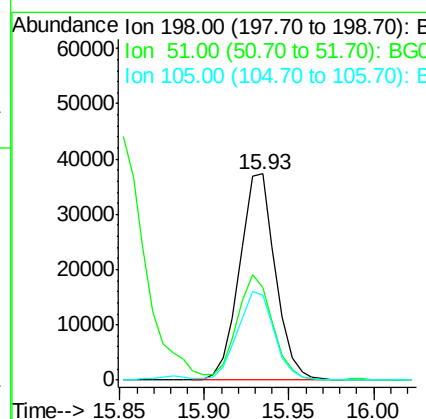
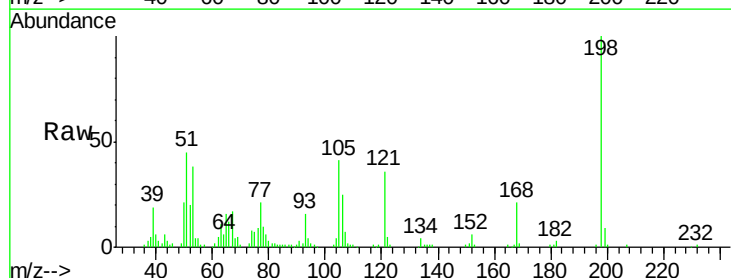
Manual Integrations
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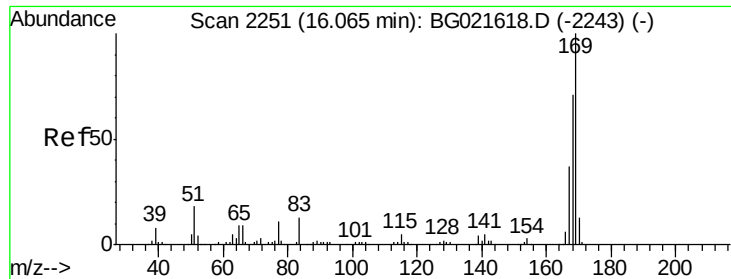
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 57.69 ng
 RT: 15.93 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	55001		
51	45.2	29.2	69.2	
105	40.9	24.0	64.0	





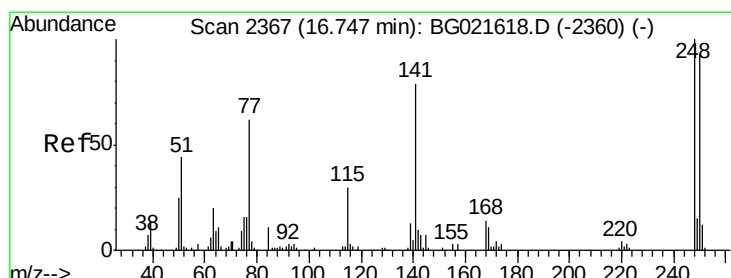
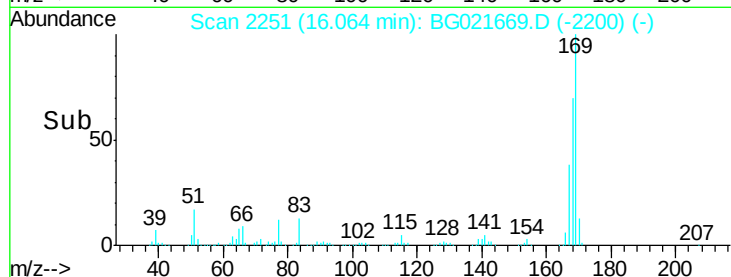
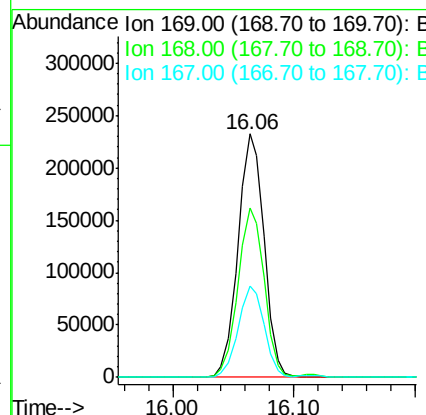
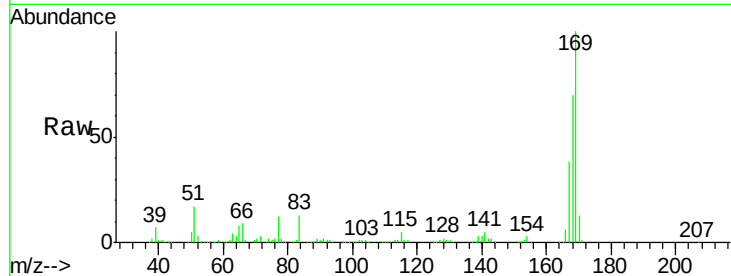
#65
 n-Nitrosodiphenylamine
 Concen: 52.01 ng
 RT: 16.06 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	349630		
168	69.6	59.6	89.4	
167	37.7	31.2	46.8	

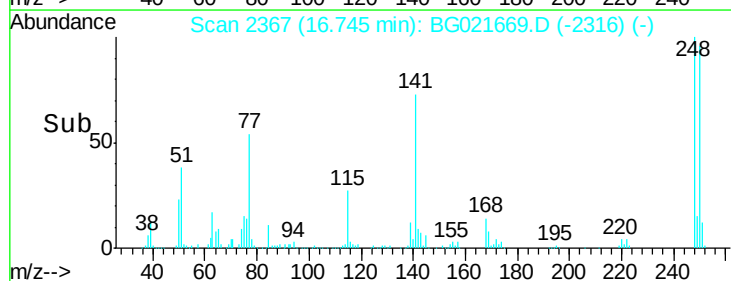
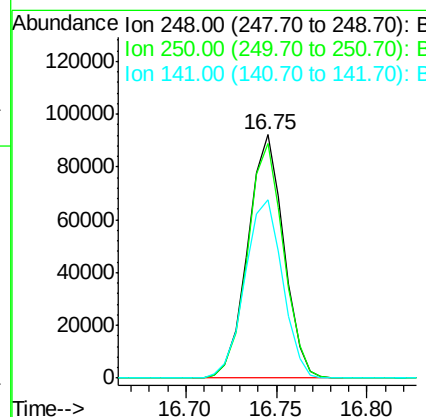
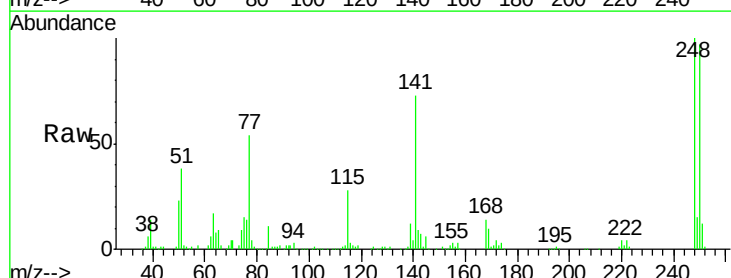
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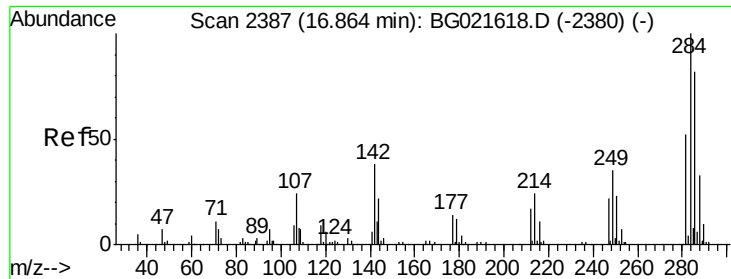
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#66
 4-Bromophenyl-phenylether
 Concen: 52.83 ng
 RT: 16.75 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	126858		
250	96.6	76.6	114.8	
141	73.4	63.8	95.6	





#67

Hexachlorobenzene

Concen: 52.55 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG021669.D

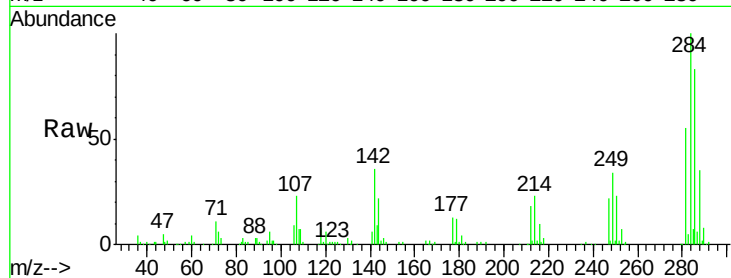
Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

ClientSampleId :

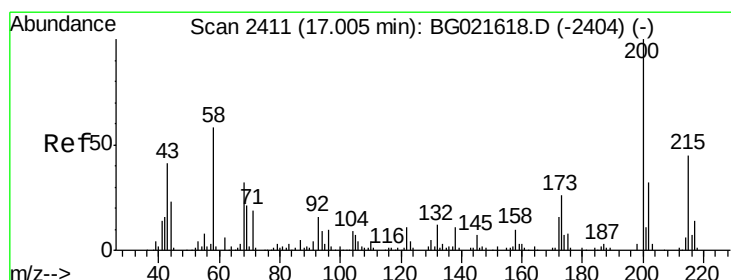
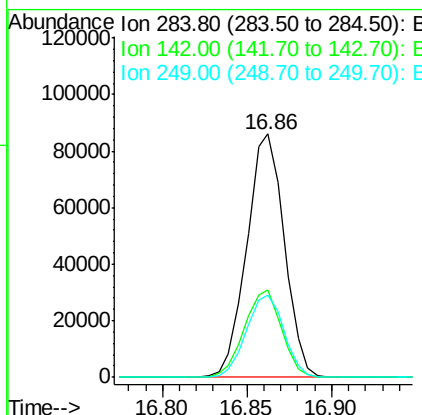
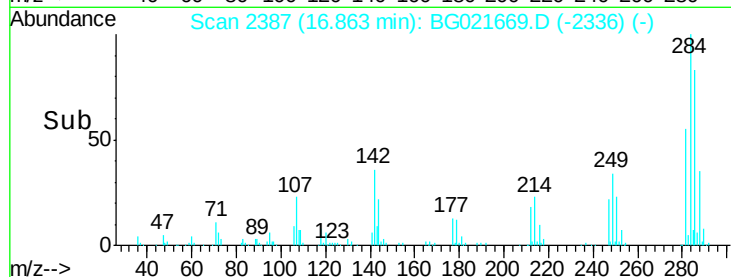
S8-0572MSD



Tgt Ion:	284	Resp:	133223
Ion Ratio		Lower	Upper
284	100		
142	35.8	31.8	47.6
249	33.7	27.3	40.9

Manual Integrations
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#68

Atrazine

Concen: 49.85 ng

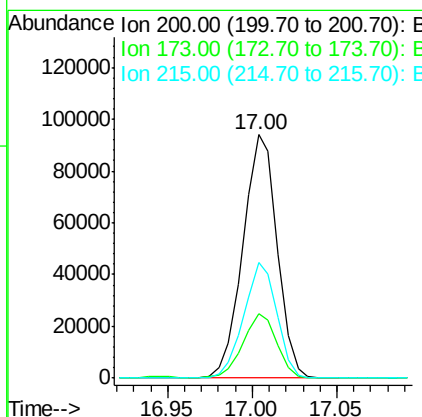
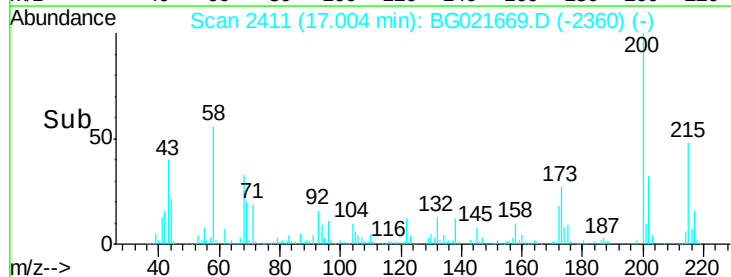
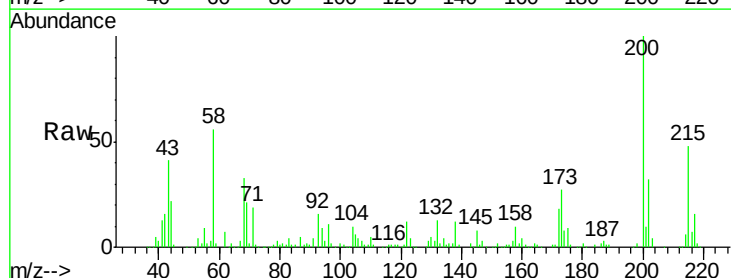
RT: 17.00 min Scan# 2411

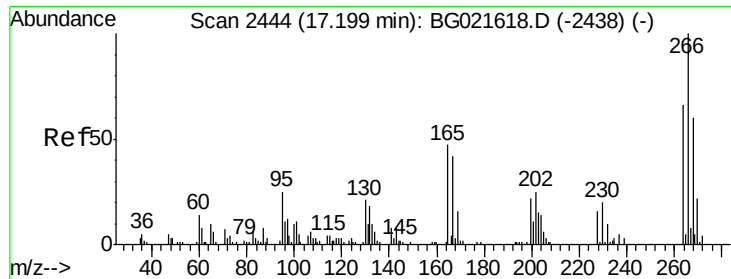
Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion:	200	Resp:	132335
Ion Ratio		Lower	Upper
200	100		
173	26.5	5.1	45.1
215	47.7	28.0	68.0





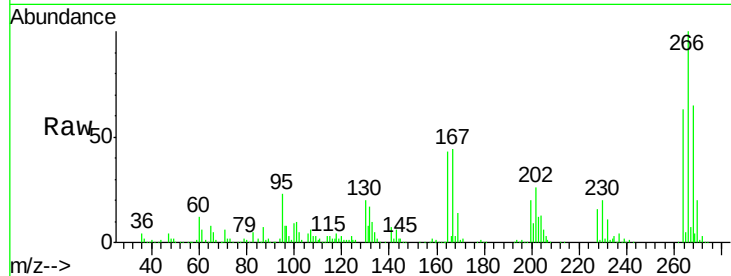
#69
 Pentachlorophenol
 Concen: 112.78 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

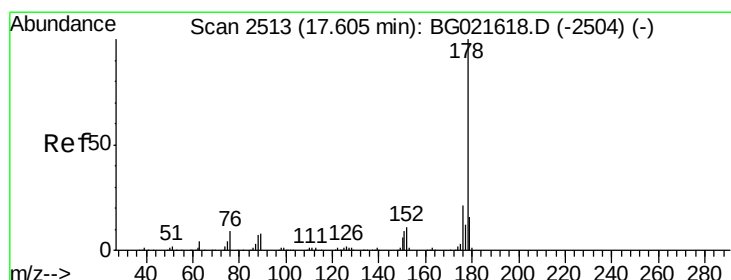
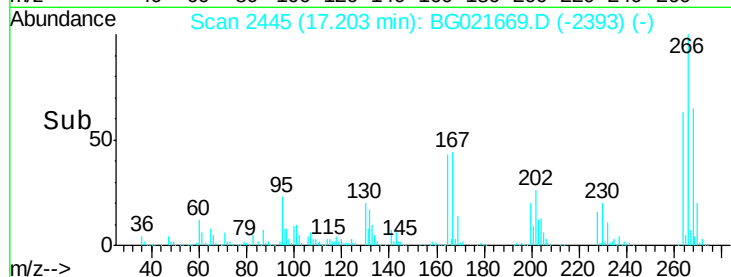
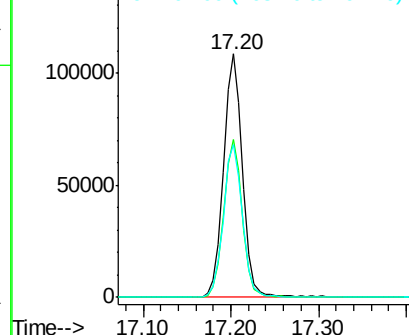
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	163218		
268	64.9	54.5	81.7	
264	62.6	53.8	80.6	

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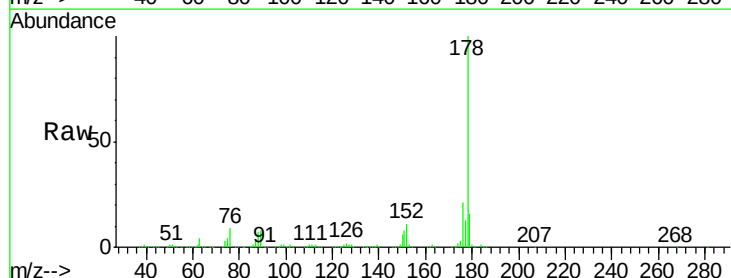


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

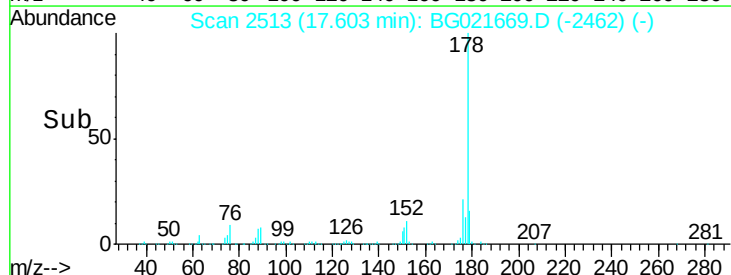
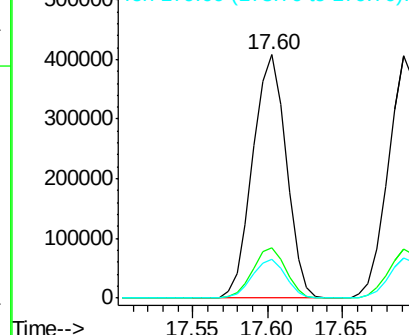


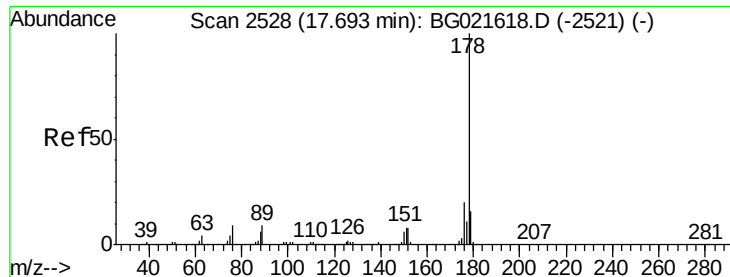
#70
 Phenanthrene
 Concen: 51.19 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	632312		
176	20.9	16.2	24.4	
179	16.2	12.0	18.0	



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





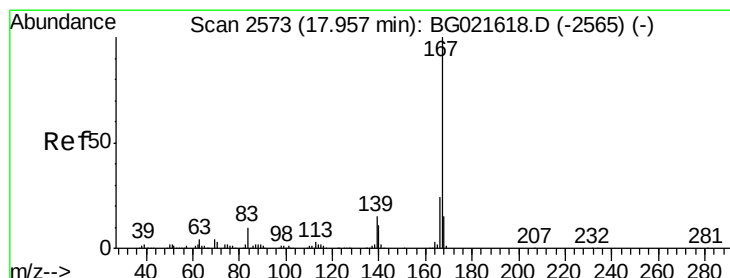
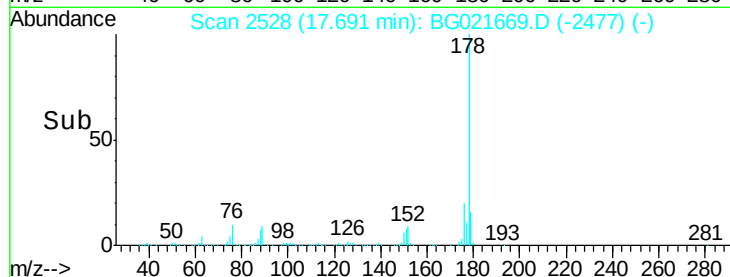
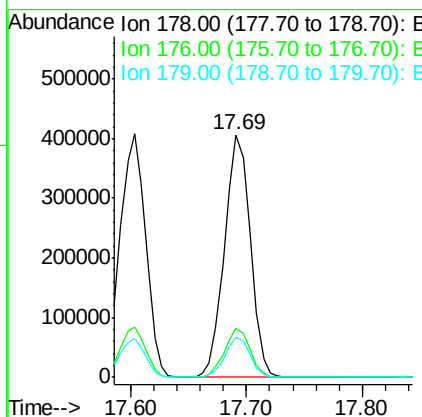
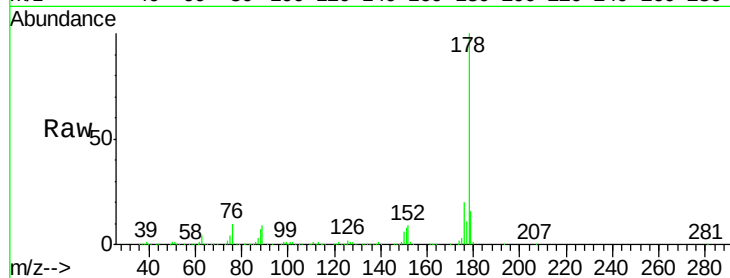
#71
 Anthracene
 Concen: 50.30 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	16.3	12.2	18.4

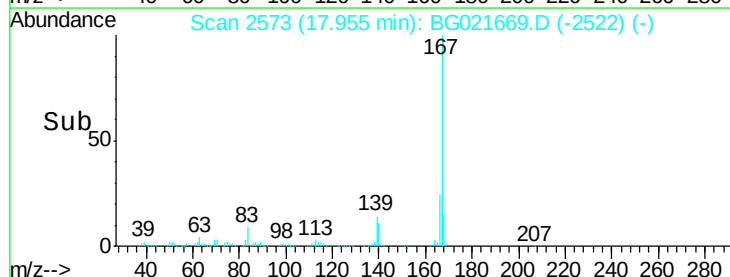
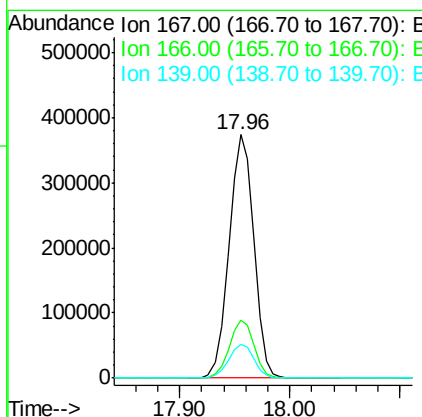
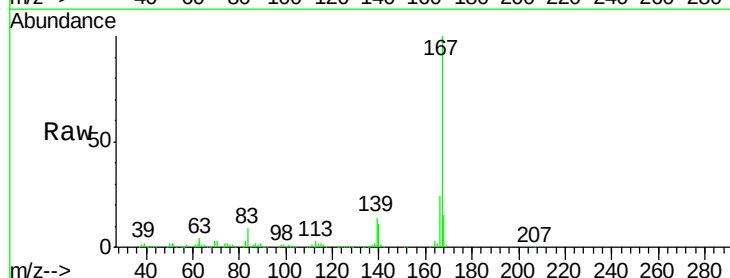
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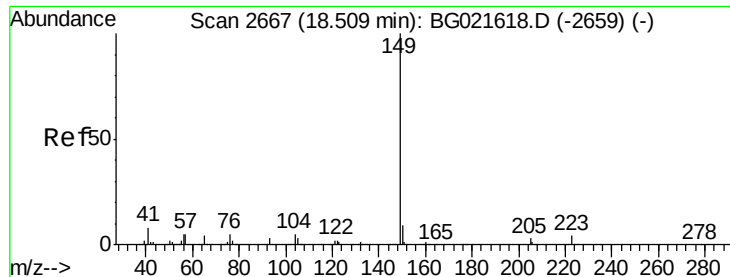
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#72
 Carbazole
 Concen: 50.14 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	27.8
139	13.7	10.6	15.8





#73

Di-n-butylphthalate

Concen: 47.85 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

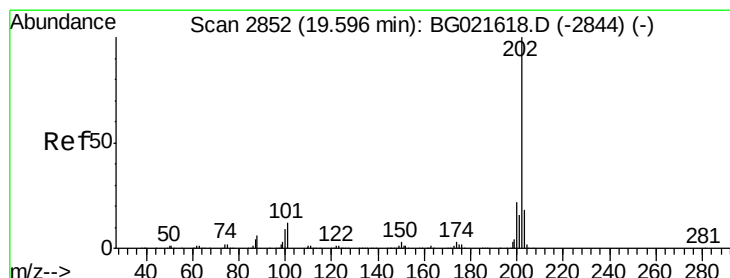
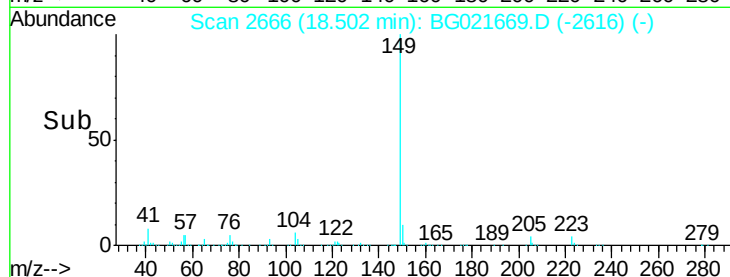
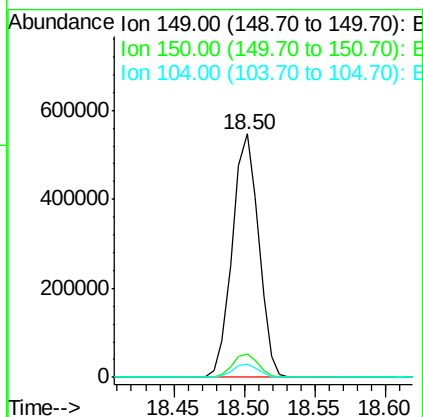
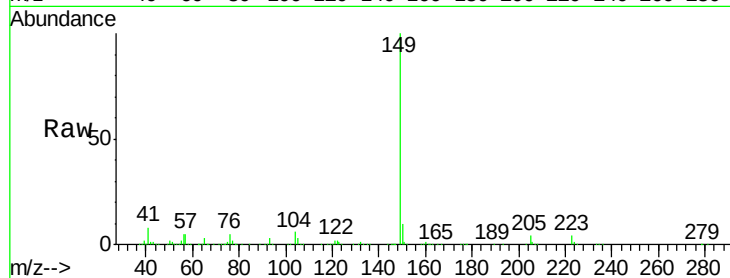
ClientSampleId :

S8-0572MSD

Tgt Ion:	149	Resp:	712337
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.4	11.0
104	5.6	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 48.35 ng

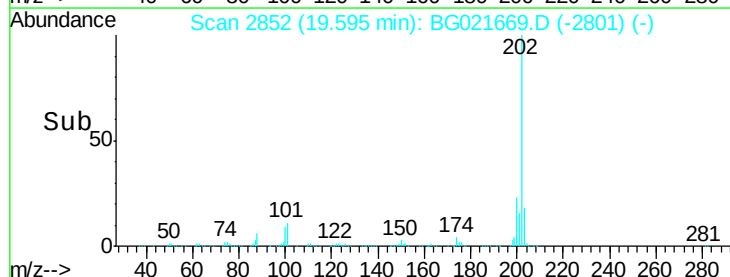
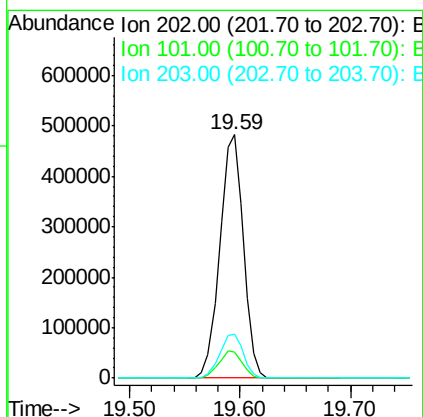
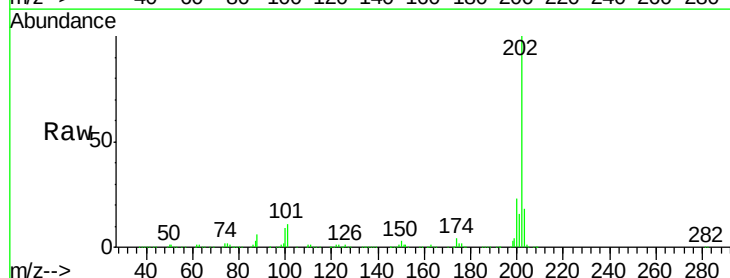
RT: 19.59 min Scan# 2852

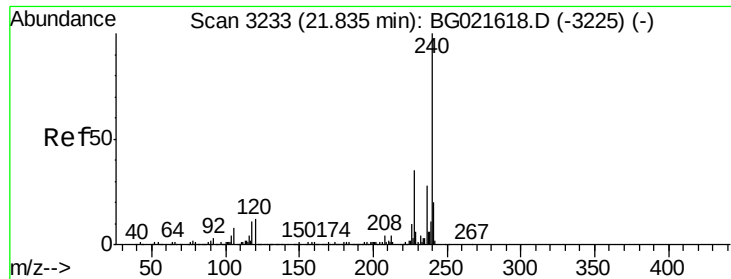
Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion:	202	Resp:	713197
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.0
203	18.0	0.0	37.9





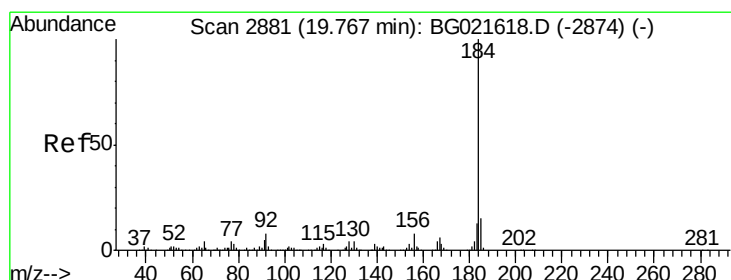
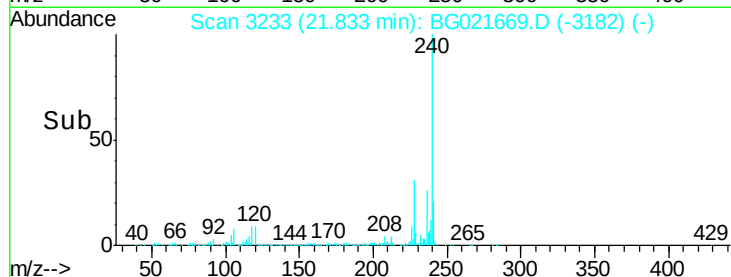
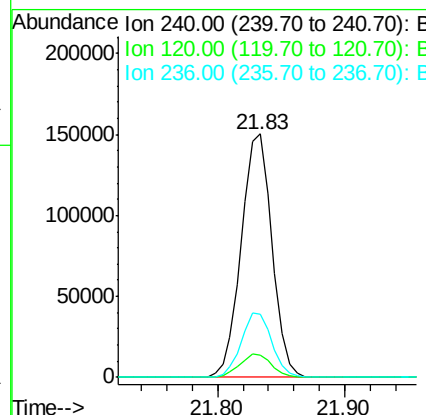
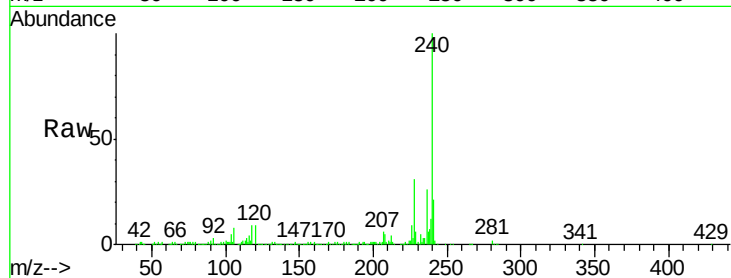
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.0	8.4	12.6
236	26.1	19.6	29.4

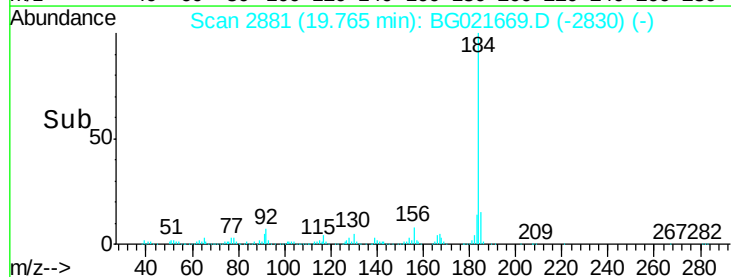
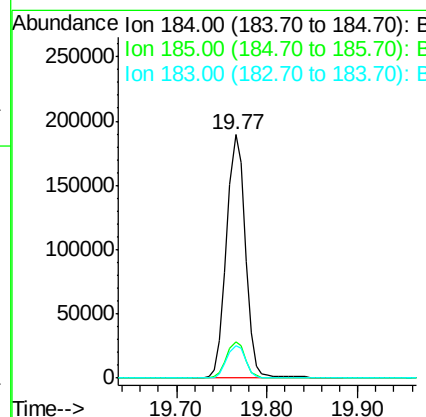
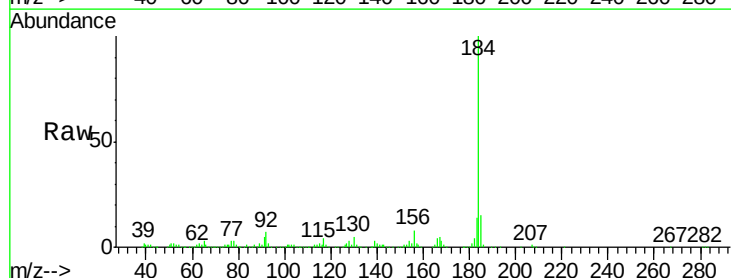
Manual Integrations
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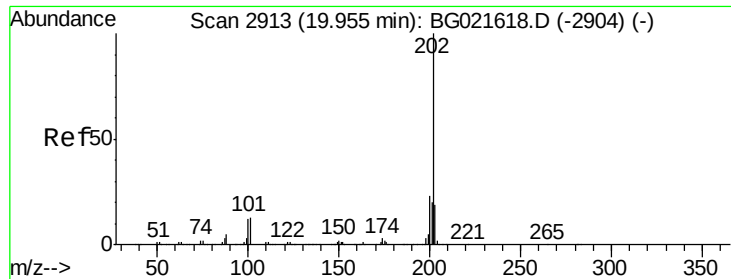
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#76
Benzidine
Concen: 35.01 ng
RT: 19.77 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.2	11.5	17.3
183	13.5	10.2	15.4





#77

Pyrene

Concen: 49.95 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Instrument :

BNA_G

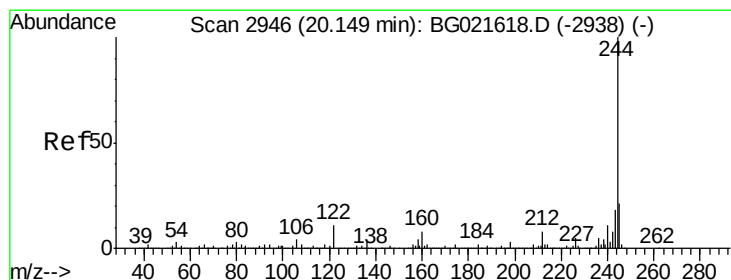
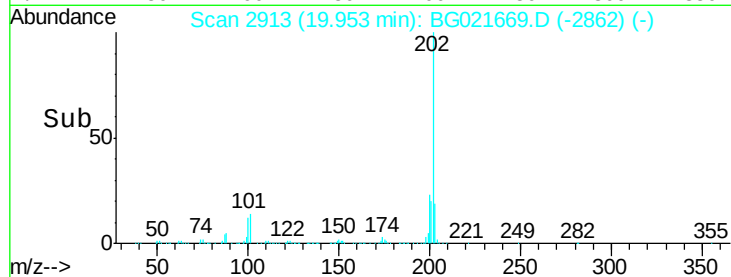
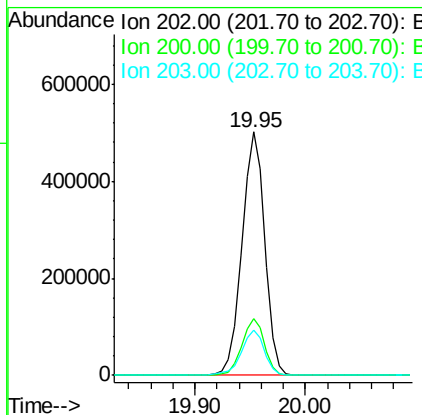
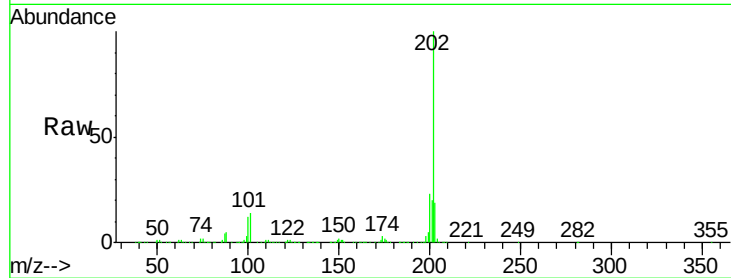
ClientSampleId :

S8-0572MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		726182		
200	23.2	18.2		27.2	
203	18.6	15.0		22.4	

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#78

Terphenyl-d14

Concen: 90.60 ng

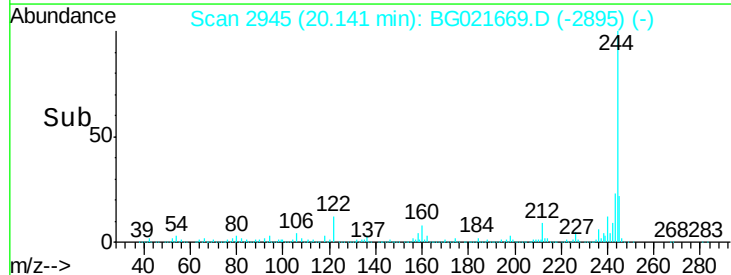
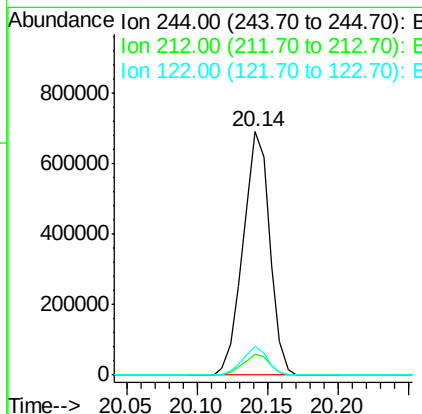
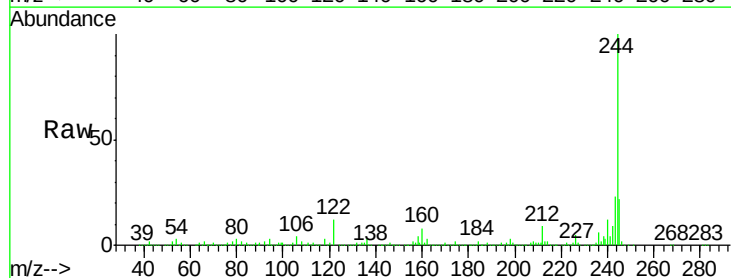
RT: 20.14 min Scan# 2945

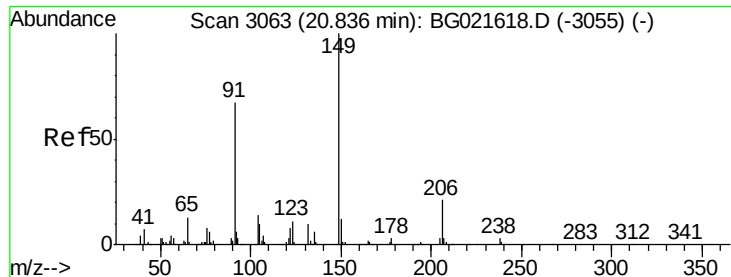
Delta R.T. -0.01 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		915520		
212	8.7	6.5		9.7	
122	11.7	8.6		12.8	





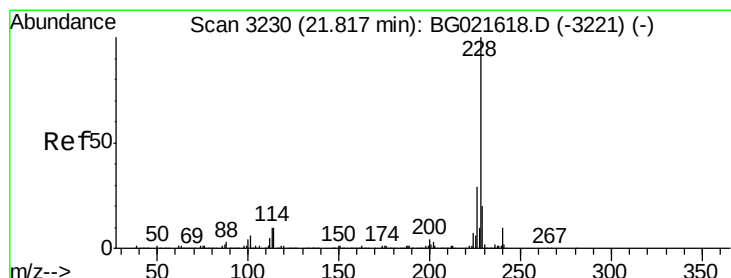
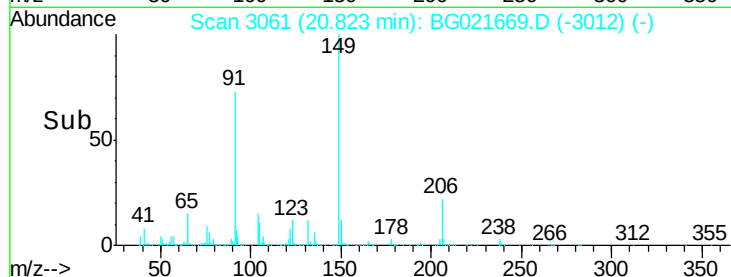
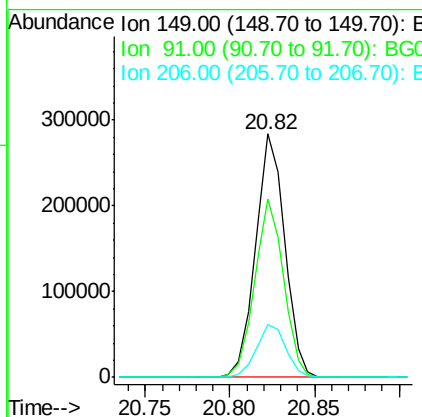
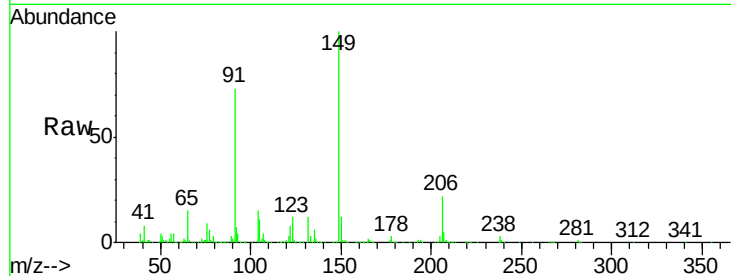
#79
Butylbenzylphthalate
Concen: 50.73 ng
RT: 20.82 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.2	57.8	86.8
206	21.5	17.0	25.4

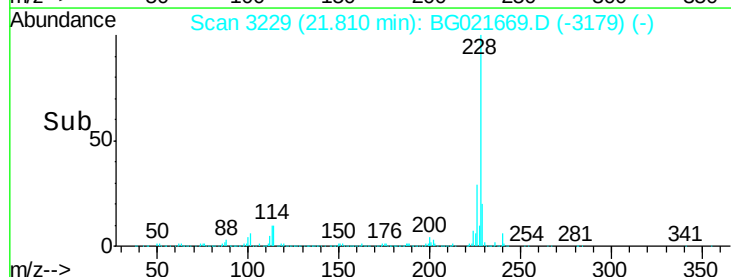
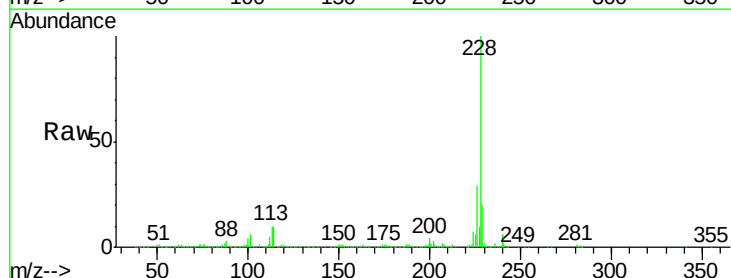
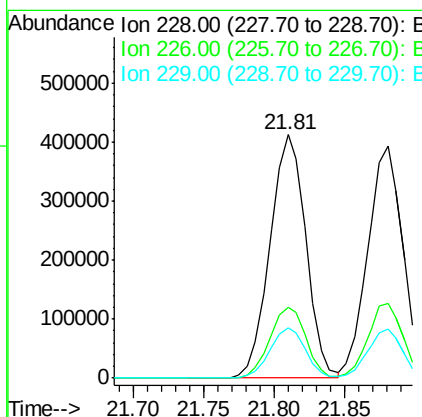
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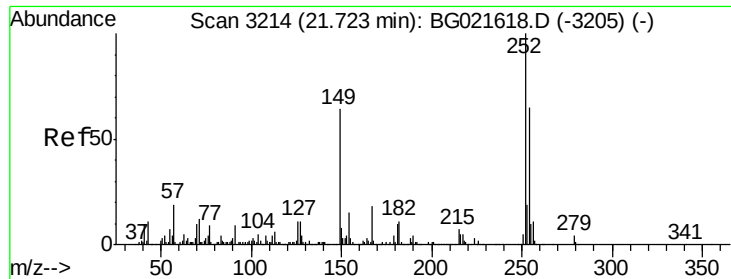
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#80
Benzo(a)anthracene
Concen: 50.45 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.2	22.6	34.0
229	20.5	16.1	24.1





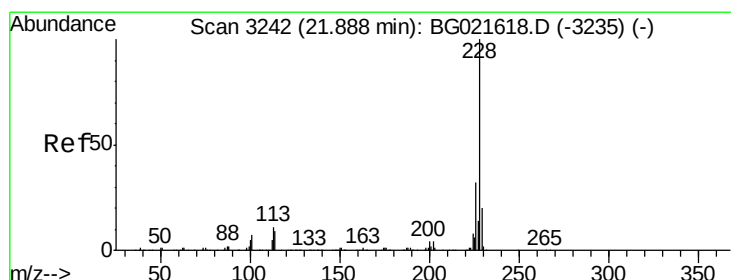
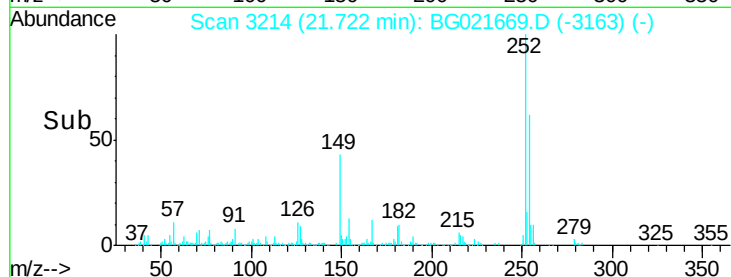
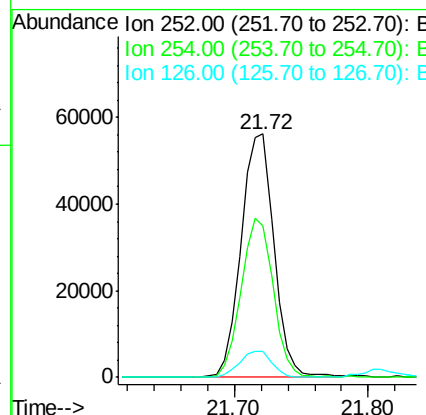
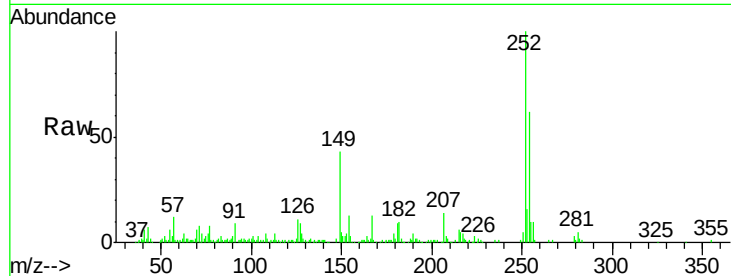
#81
 3,3'-Dichlorobenzidine
 Concen: 8.33 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.3	51.8	77.6
126	10.8	8.8	13.2

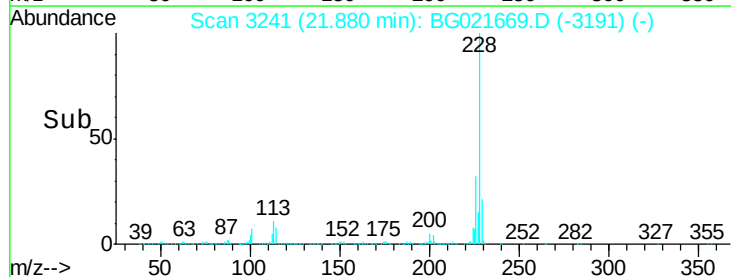
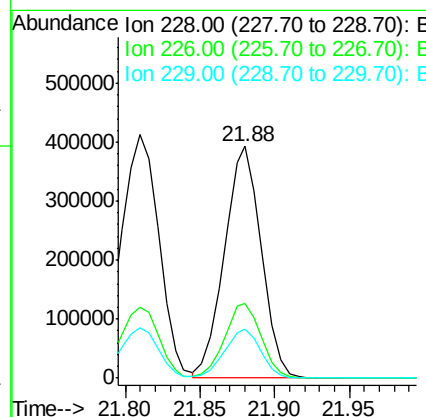
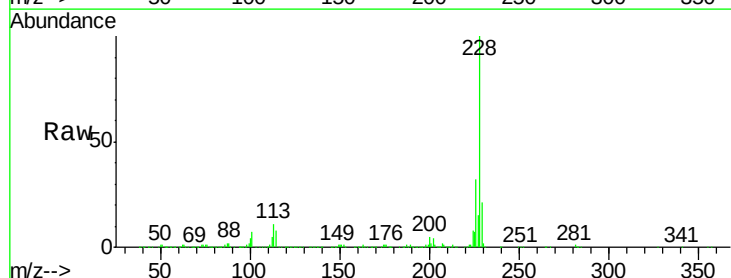
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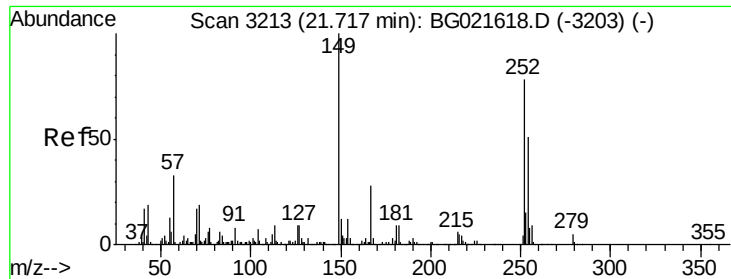
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#82
 Chrysene
 Concen: 48.43 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.2	25.4	38.0
229	21.1	15.9	23.9





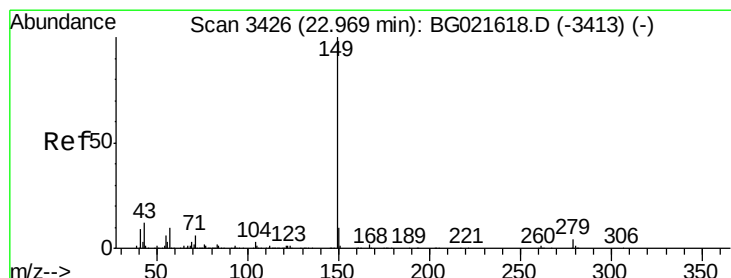
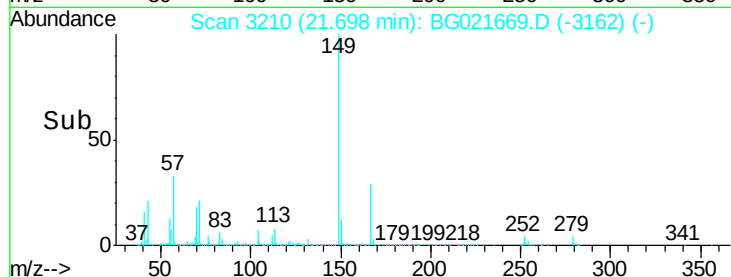
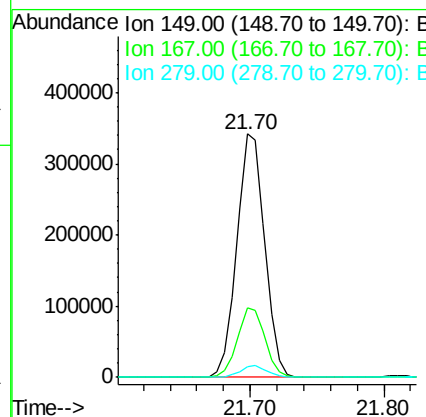
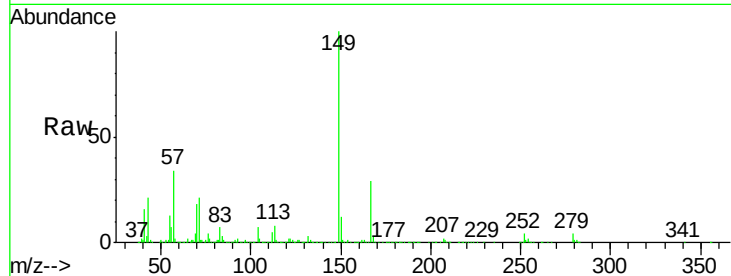
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.17 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.02 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.8	22.4	33.6
279	4.3	3.2	4.8

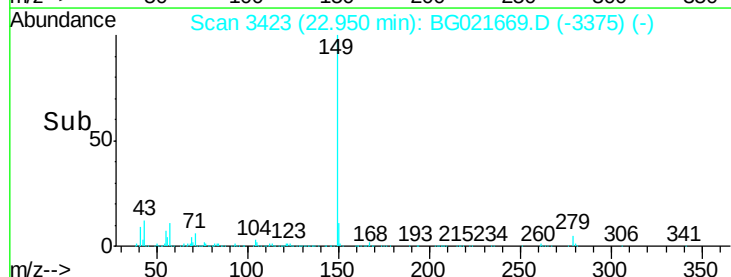
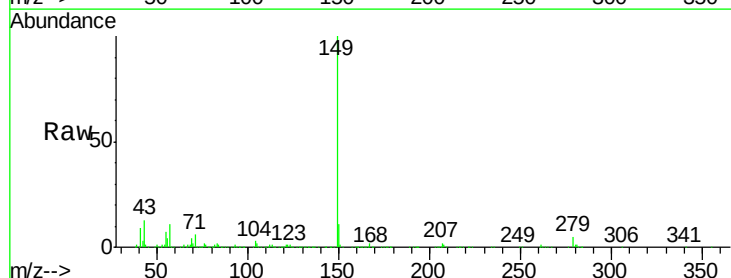
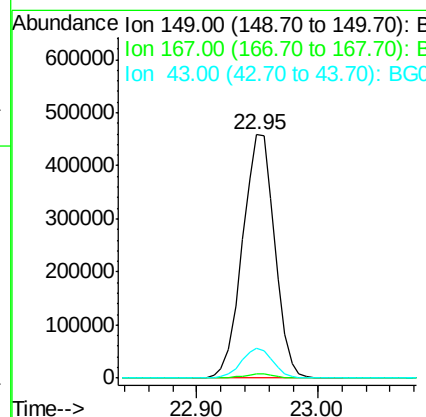
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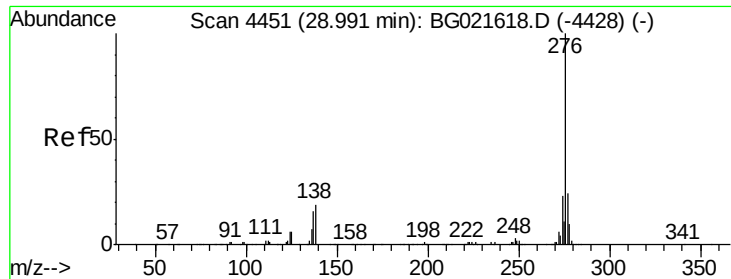
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#84
 Di-n-octyl phthalate
 Concen: 51.41 ng
 RT: 22.95 min Scan# 3423
 Delta R.T. -0.02 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.3	1.9
43	11.9	9.8	14.6





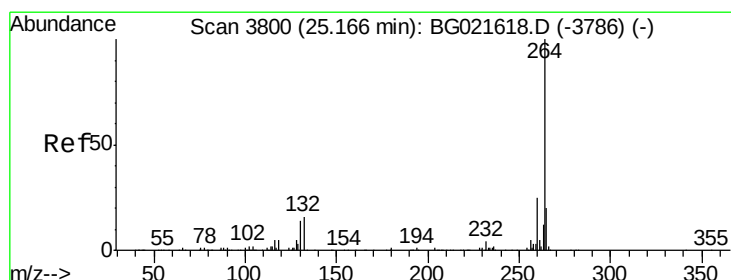
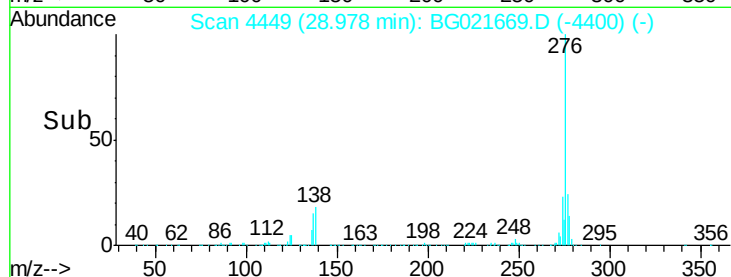
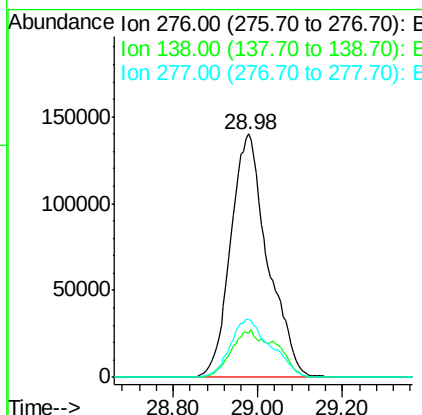
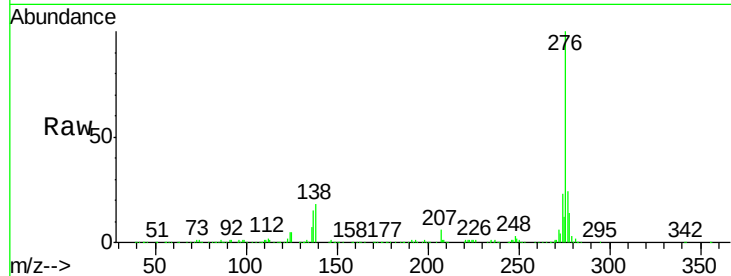
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.09 ng
 RT: 28.98 min Scan# 4449
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	846718		
138	17.0		14.0	21.0
277	26.0		20.6	30.8

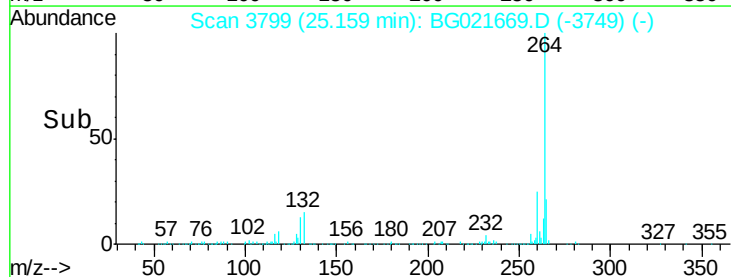
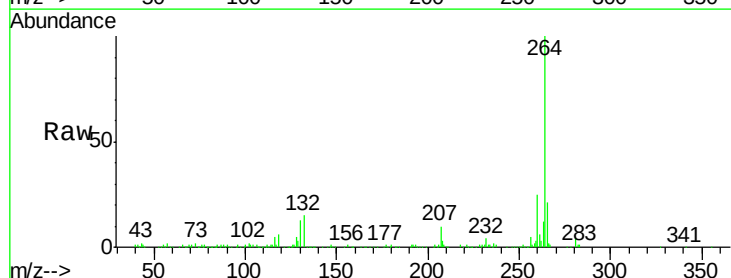
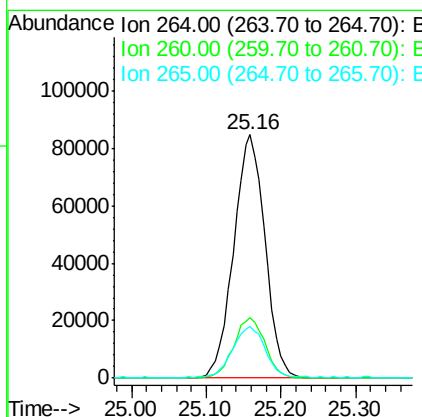
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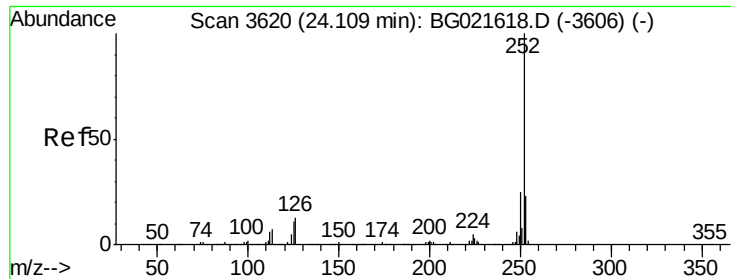
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021669.D
 Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	246799		
260	24.8		20.2	30.4
265	21.4		17.8	26.8





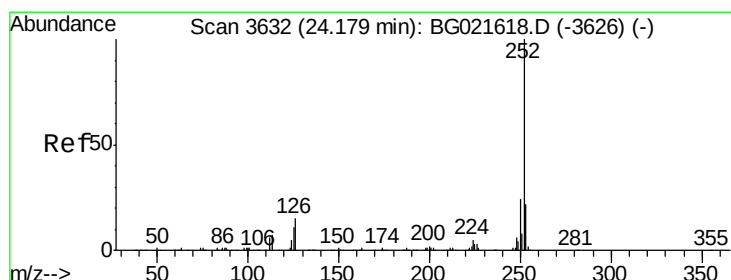
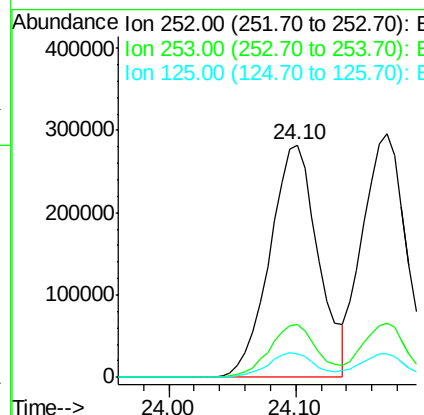
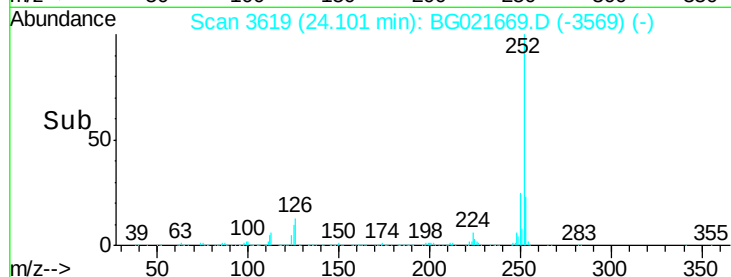
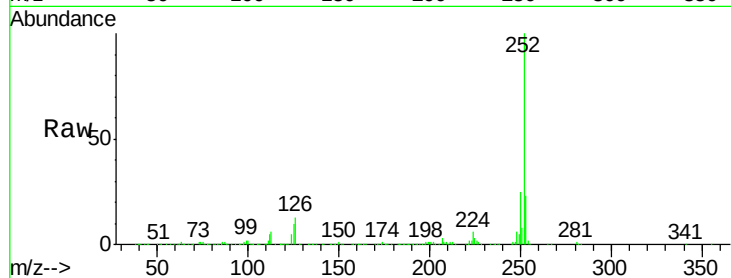
#87
Benzo(b)fluoranthene
Concen: 52.41 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	750563		
253	22.5	17.5	26.3	
125	10.3	8.6	13.0	

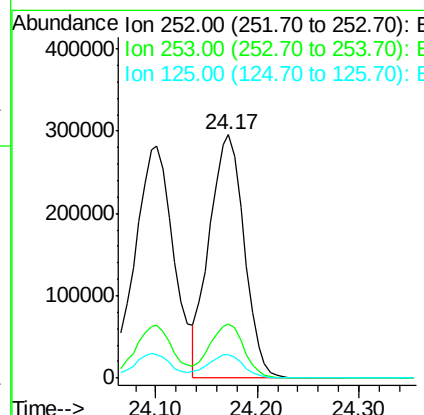
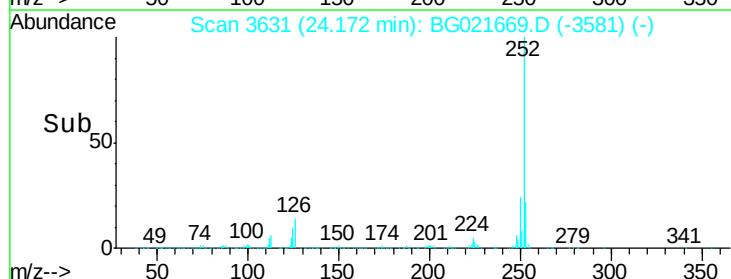
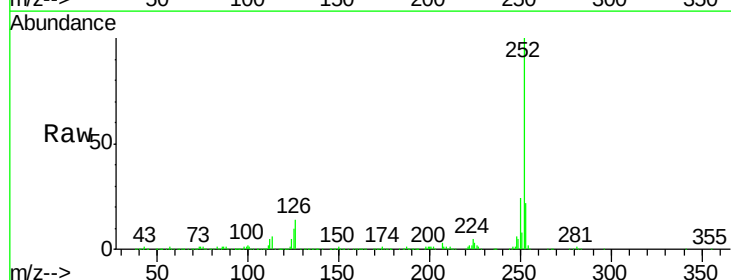
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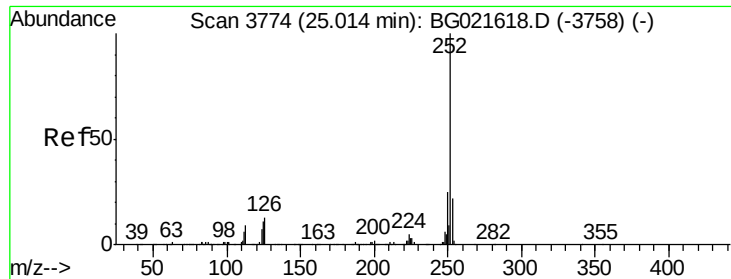
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#88
Benzo(k)fluoranthene
Concen: 50.07 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	701115		
253	22.1	17.8	26.8	
125	9.8	8.3	12.5	





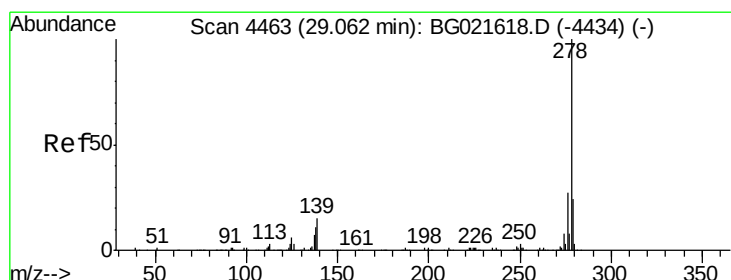
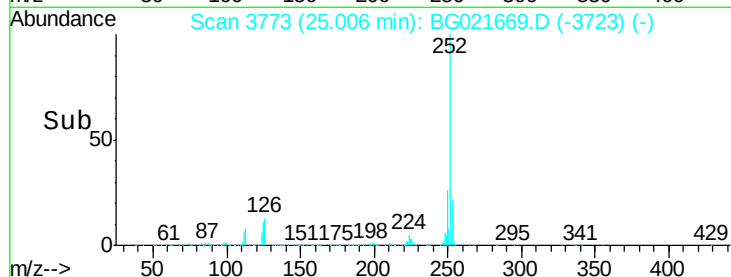
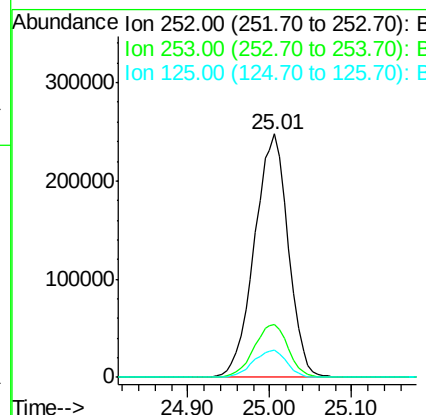
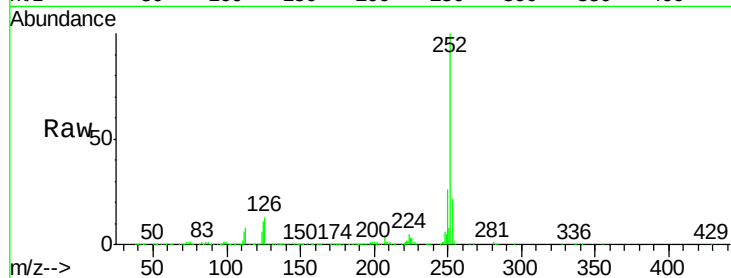
#89
Benzo(a)pyrene
Concen: 51.06 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.1	25.7
125	11.0	9.6	14.4

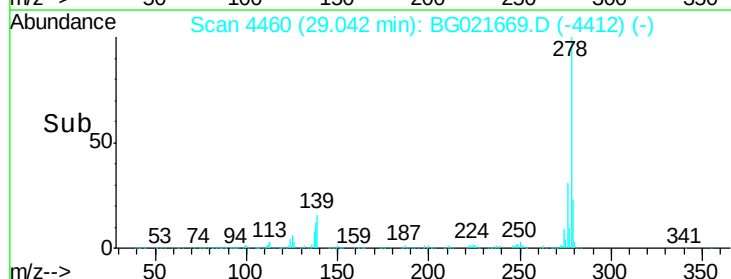
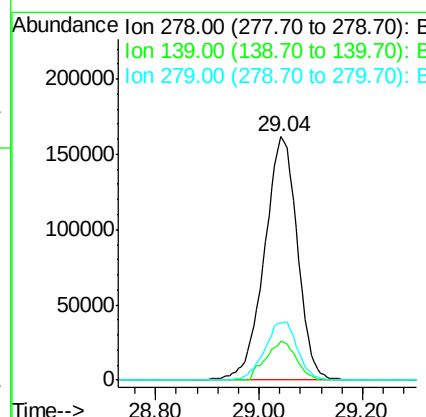
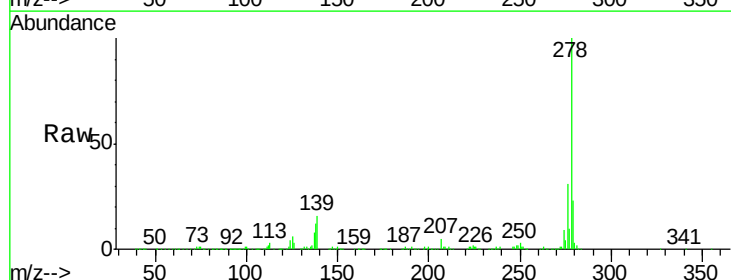
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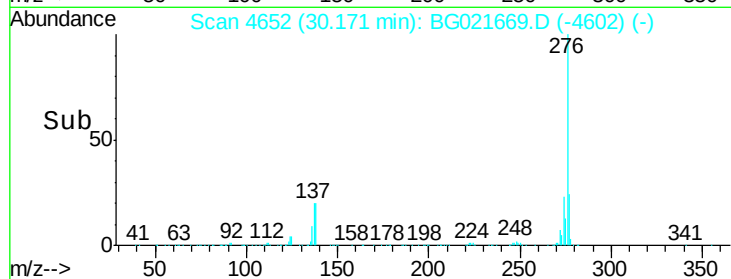
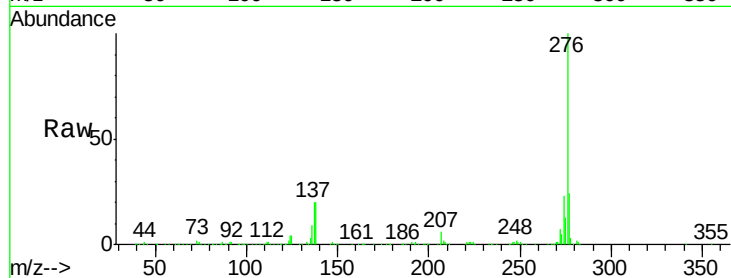
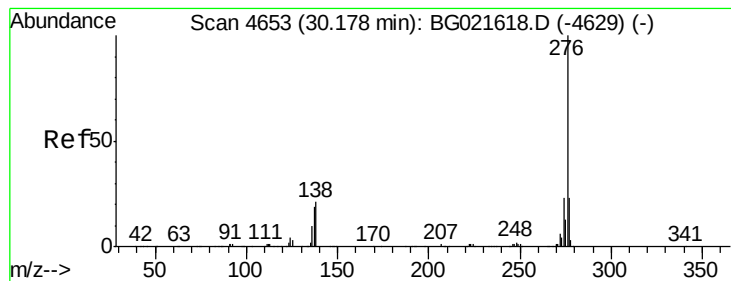
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#90
Dibenzo(a,h)anthracene
Concen: 51.45 ng
RT: 29.04 min Scan# 4460
Delta R.T. -0.02 min
Lab File: BG021669.D
Acq: 15 Apr 2016 1:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.1	11.9	17.9
279	23.4	18.2	27.2





#91

Benzo(g,h,i)perylene

Concen: 51.15 ng

RT: 30.17 min Scan# 4652

Delta R.T. -0.01 min

Lab File: BG021669.D

Acq: 15 Apr 2016 1:51

Tgt Ion:	276	Resp:	698280
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.4	29.2
138	19.8	17.4	26.0

Instrument :

BNA_G

ClientSampleId :

S8-0572MSD

Manual Integrations
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