

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
 Data File : BG018667.D
 Acq On : 14 Sep 2015 18:21
 Operator : UM/IZ
 Sample : PB85519BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Manual Integrations
 APPROVED

MMDadoda
 9/15/2015 1:34:07 PM

Quant Time: Sep 15 02:24:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57364	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	233316	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	142183	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	406820	20.00	ng	0.00
75) Chrysene-d12	21.63	240	493470	20.00	ng	0.00
86) Perylene-d12	24.82	264	502194	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	287379	86.54	ng	0.00
7) Phenol-d6	7.16	99	384663	80.79	ng	0.00
23) Nitrobenzene-d5	9.16	82	323468	77.58	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	165500	86.45	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	829429	80.98	ng	0.00
78) Terphenyl-d14	19.98	244	1510210	80.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	43637	31.44	ng	# 100
3) Pyridine	3.87	79	135655	31.53	ng	96
4) n-Nitrosodimethylamine	3.78	42	51341	34.26	ng	80
6) Aniline	7.32	93	147297	22.45	ng	94
8) 2-Chlorophenol	7.57	128	162351	42.34	ng	96
9) Benzaldehyde	7.13	77	71173	27.77	ng	98
10) Phenol	7.19	94	210510	41.85	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	150043	38.49	ng	100
12) 1,3-Dichlorobenzene	7.89	146	170551	38.23	ng	98
13) 1,4-Dichlorobenzene	8.04	146	175790	39.29	ng	98
14) 1,2-Dichlorobenzene	8.36	146	168665	39.48	ng	94
15) Benzyl Alcohol	8.24	79	132978	38.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	178445	40.31	ng	98
17) 2-Methylphenol	8.44	107	144199	41.26	ng	99
18) Hexachloroethane	9.09	117	60097	37.57	ng	96
19) n-Nitroso-di-n-propylamine	8.80	70	117030	34.90	ng	100
20) 3+4-Methylphenols	8.77	107	196360	40.01	ng	93
22) Acetophenone	8.82	105	233249	39.46	ng	100
24) Nitrobenzene	9.20	77	171275	38.68	ng	99
25) Isophorone	9.72	82	323603	36.09	ng	99
26) 2-Nitrophenol	9.91	139	82403	39.89	ng	97
27) 2,4-Dimethylphenol	9.98	122	154325	41.14	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	208743	40.54	ng	97
29) 2,4-Dichlorophenol	10.45	162	165991	43.79	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	168552	40.12	ng	98
31) Naphthalene	10.86	128	490861	39.29	ng	99
32) Benzoic acid	10.09	122	104548	35.96	ng	95
33) 4-Chloroaniline	10.96	127	66756	11.81	ng	99
34) Hexachlorobutadiene	11.14	225	101532	41.00	ng	98
35) Caprolactam	11.72	113	63274m	38.82	ng	
36) 4-Chloro-3-methylphenol	12.08	107	167837	39.69	ng	99
37) 2-Methylnaphthalene	12.46	142	354654	38.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	190046	42.14	ng	98
40) Hexachlorocyclopentadiene	12.81	237	234870	103.71	ng	98

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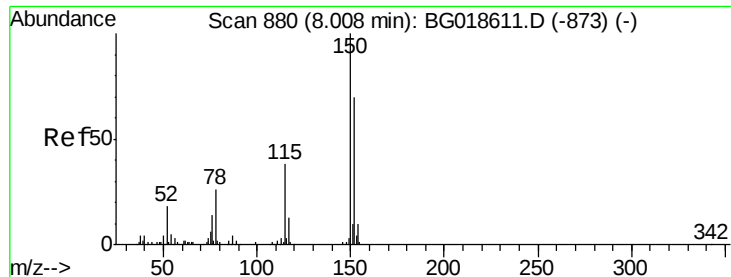
Manual Integrations
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Quant Time: Sep 15 02:24:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	132393	42.39	ng	98
43) 2,4,5-Trichlorophenol	13.14	196	146709	42.82	ng	99
45) 1,1'-Biphenyl	13.47	154	470205	41.59	ng	99
46) 2-Chloronaphthalene	13.51	162	363348	41.71	ng	98
47) 2-Nitroaniline	13.70	65	103221	39.38	ng	97
48) Acenaphthylene	14.35	152	618595	40.17	ng	99
49) Dimethylphthalate	14.08	163	467524	39.71	ng	99
50) 2,6-Dinitrotoluene	14.20	165	104226	40.74	ng	92
51) Acenaphthene	14.70	154	369450	41.24	ng	99
52) 3-Nitroaniline	14.53	138	69381	22.70	ng	89
53) 2,4-Dinitrophenol	14.74	184	106615	82.13	ng	96
54) Dibenzofuran	15.03	168	588291	42.25	ng	99
55) 4-Nitrophenol	14.84	139	233038	98.75	ng	99
56) 2,4-Dinitrotoluene	14.99	165	160941	44.36	ng	# 96
57) Fluorene	15.68	166	491301	40.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.25	232	142271	44.28	ng	# 97
59) Diethylphthalate	15.44	149	492366	40.09	ng	98
60) 4-Chlorophenyl-phenylether	15.66	204	240372	41.73	ng	96
61) 4-Nitroaniline	15.69	138	144897	43.96	ng	92
62) Azobenzene	15.96	77	452039	41.65	ng	100
64) 4,6-Dinitro-2-methylphenol	15.75	198	82635	38.85	ng	98
65) n-Nitrosodiphenylamine	15.88	169	441011	37.43	ng	100
66) 4-Bromophenyl-phenylether	16.56	248	160277	38.74	ng	98
67) Hexachlorobenzene	16.68	284	181890	40.46	ng	98
68) Atrazine	16.83	200	203250	43.38	ng	96
69) Pentachlorophenol	17.02	266	251387	90.68	ng	96
70) Phenanthrene	17.42	178	886092	41.41	ng	99
71) Anthracene	17.50	178	916151	42.28	ng	99
72) Carbazole	17.77	167	940944	44.87	ng	99
73) Di-n-butylphthalate	18.33	149	1114783	45.07	ng	99
74) Fluoranthene	19.42	202	1215979	45.88	ng	99
76) Benzidine	19.60	184	422803	28.53	ng	98
77) Pyrene	19.78	202	1251203	41.26	ng	99
79) Butylbenzylphthalate	20.66	149	510452	41.40	ng	99
80) Benzo(a)anthracene	21.61	228	1162187	40.91	ng	99
81) 3,3'-Dichlorobenzidine	21.53	252	259239	24.02	ng	92
82) Chrysene	21.68	228	1051999	39.32	ng	100
83) Bis(2-ethylhexyl)phthalate	21.52	149	749711	42.15	ng	97
84) Di-n-octyl phthalate	22.72	149	1262261	41.96	ng	99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1388745	40.88	ng	# 100
87) Benzo(b)fluoranthene	23.81	252	1224768	42.06	ng	97
88) Benzo(k)fluoranthene	23.88	252	1168745	40.06	ng	99
89) Benzo(a)pyrene	24.67	252	1186037	42.80	ng	99
90) Dibenzo(a,h)anthracene	28.51	278	1125658	41.26	ng	98
91) Benzo(g,h,i)perylene	29.60	276	1147028	41.28	ng	99

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



#1

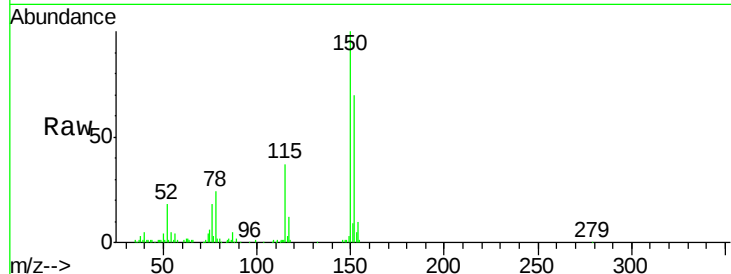
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

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BNA_G
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PB85519BS

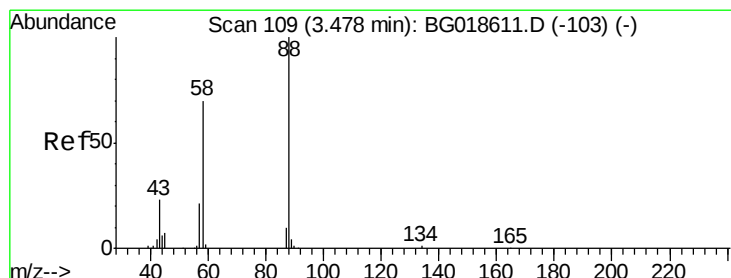
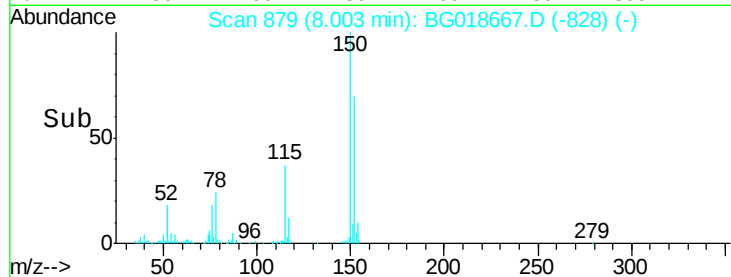
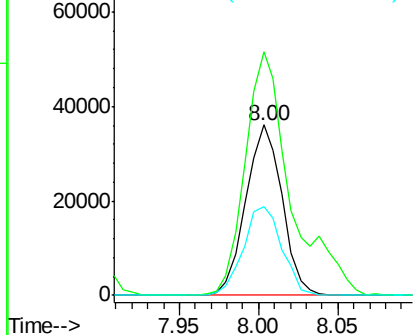
Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.2	115.0	172.4
115	52.5	43.9	65.9

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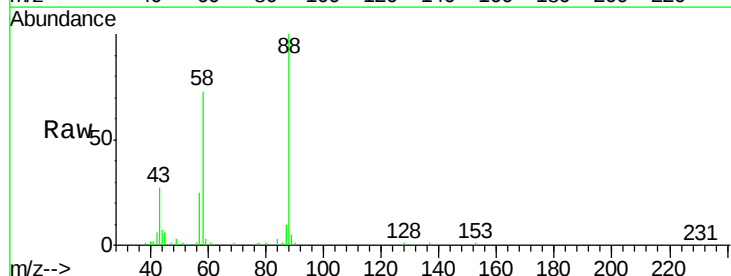
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



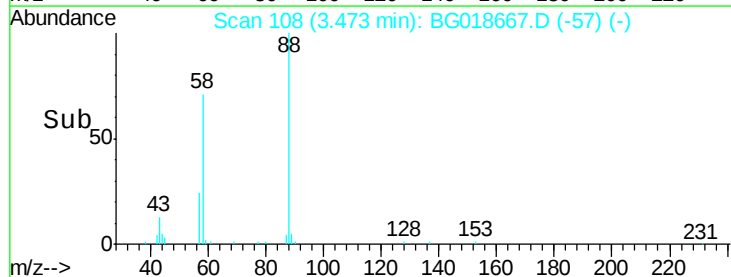
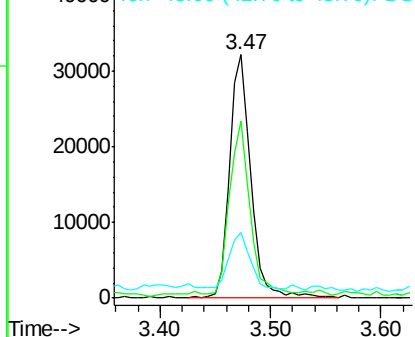
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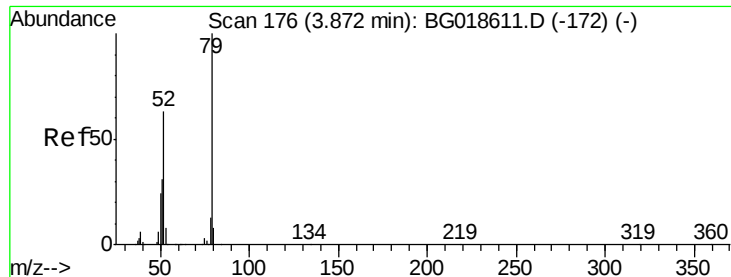
1,4-Dioxane
Concen: 31.44 ng
RT: 3.47 min Scan# 108
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	0.0	0.0#
43	22.4	0.0	0.0#



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: 31.53 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

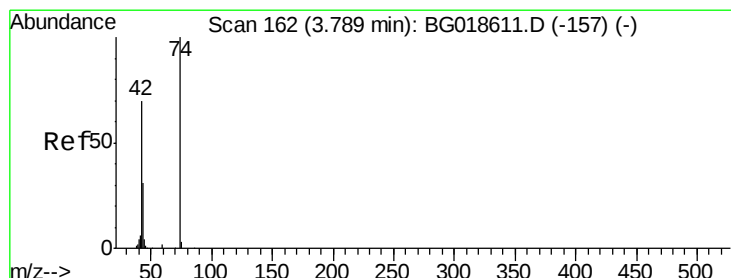
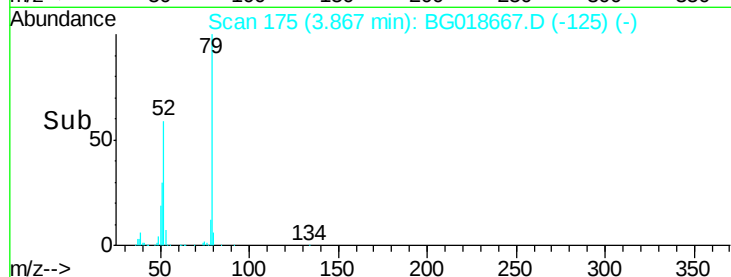
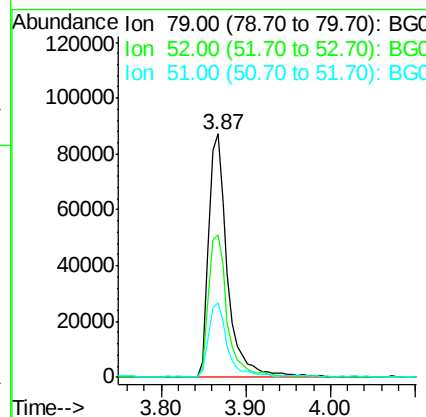
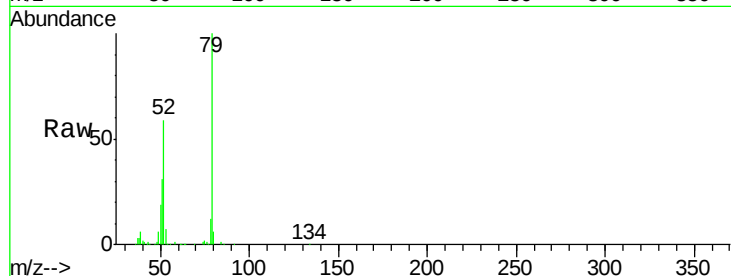
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	58.7	50.3	75.5
51	30.5	24.8	37.2



#4

n-Nitrosodimethylamine

Concen: 34.26 ng

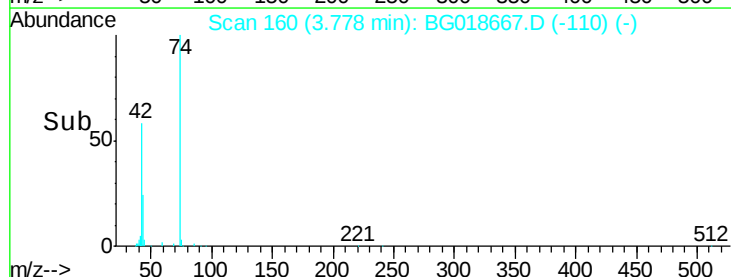
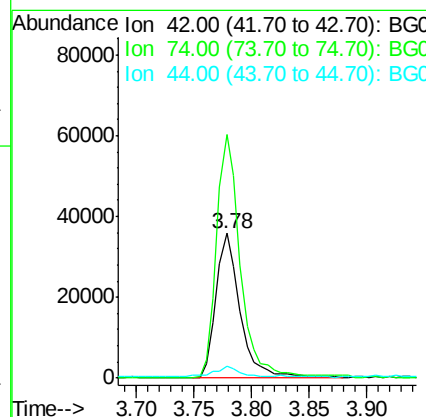
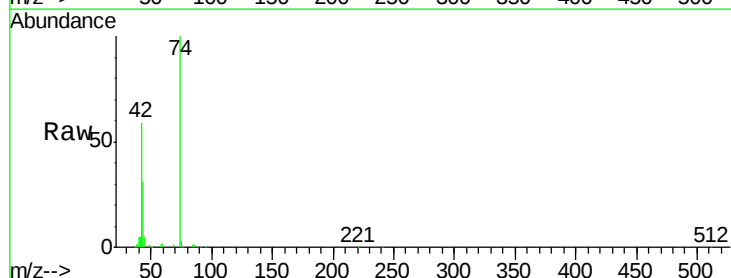
RT: 3.78 min Scan# 160

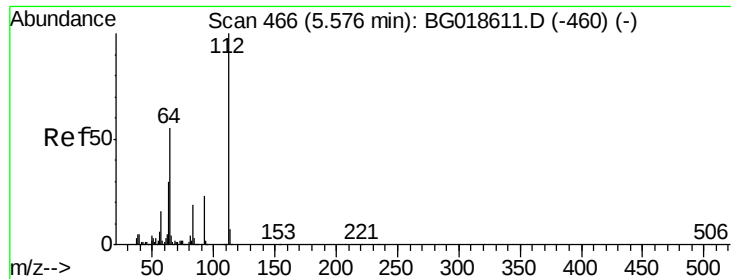
Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.2	113.9	170.9
44	7.9	5.7	8.5





#5

2-Fluorophenol

Concen: 86.54 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

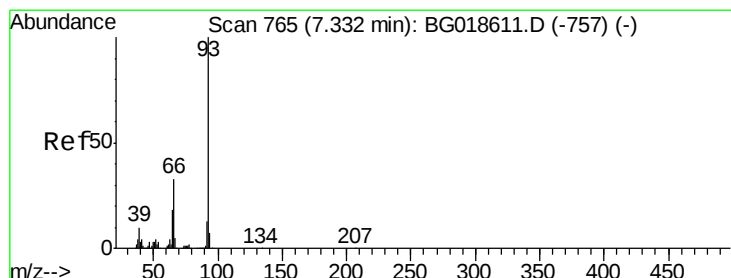
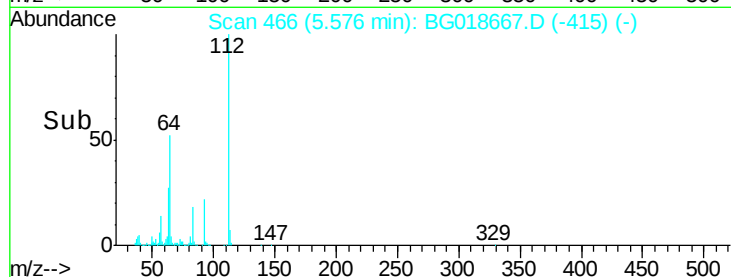
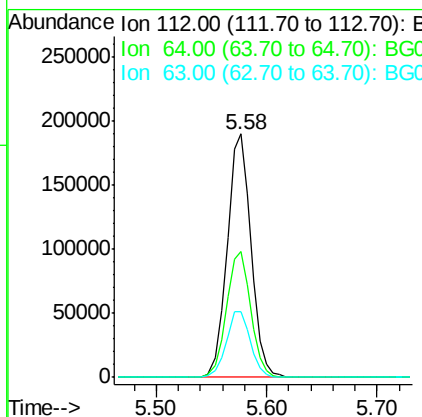
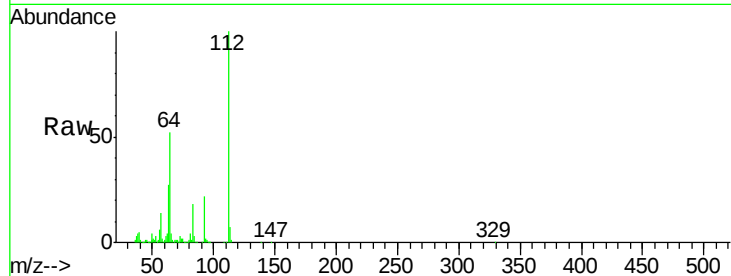
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	287379		
64	51.8	43.7	65.5	
63	27.0	24.0	36.0	



#6

Aniline

Concen: 22.45 ng

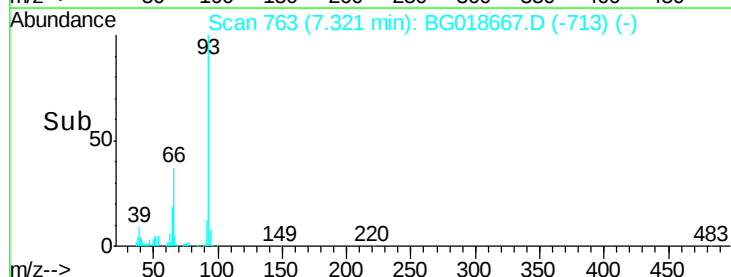
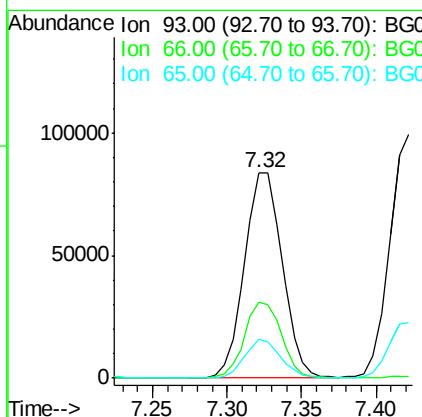
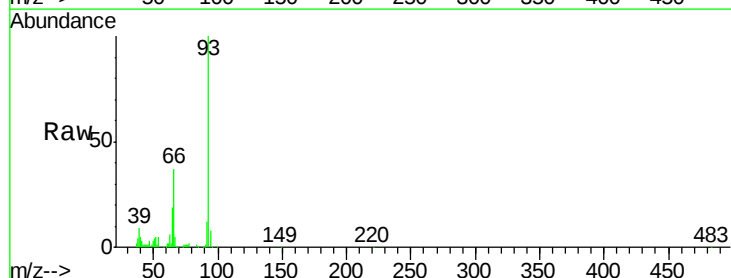
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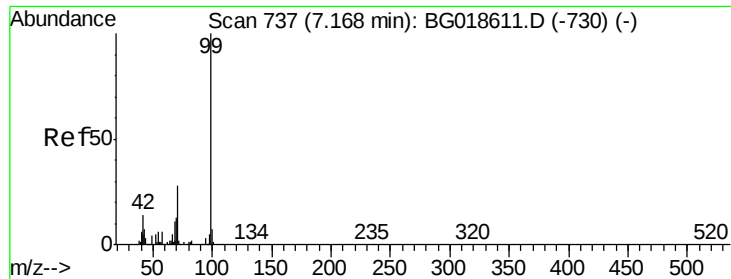
Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	147297		
66	36.9	26.2	39.2	
65	18.8	14.0	21.0	





#7

Phenol-d6

Concen: 80.79 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

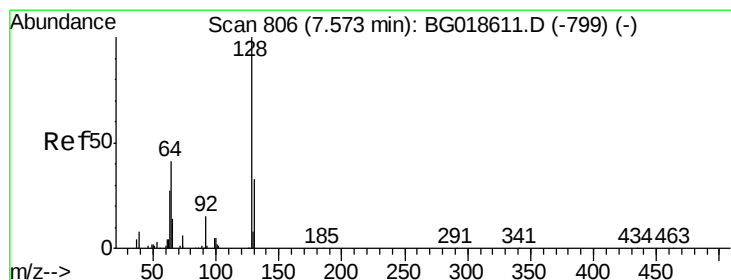
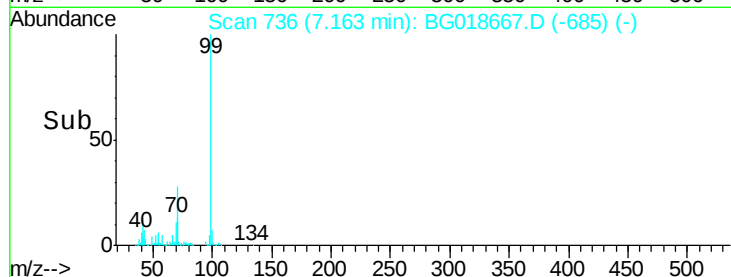
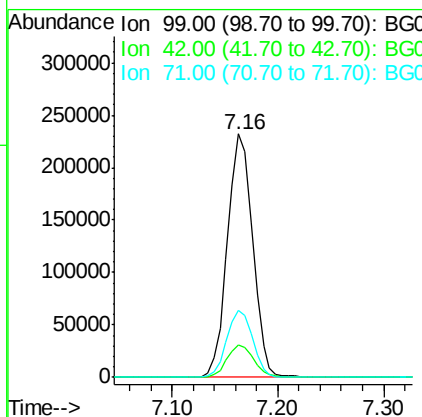
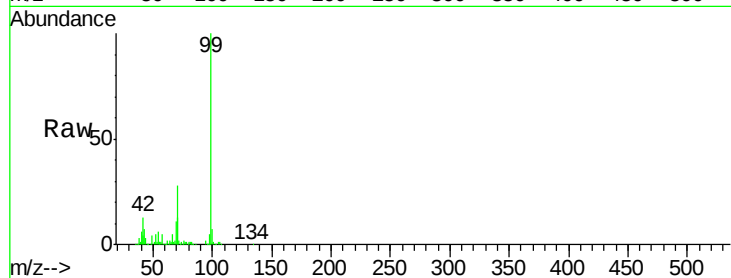
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	384663		
42	13.4	11.5	17.3	
71	27.6	22.6	34.0	



#8

2-Chlorophenol

Concen: 42.34 ng

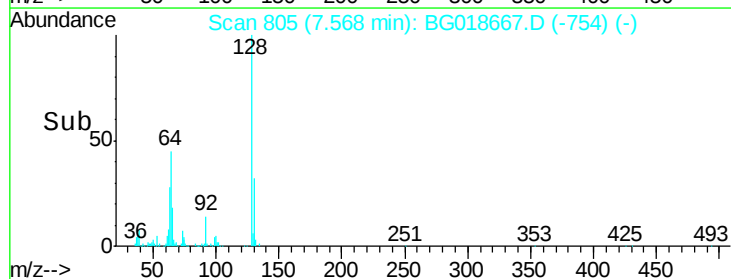
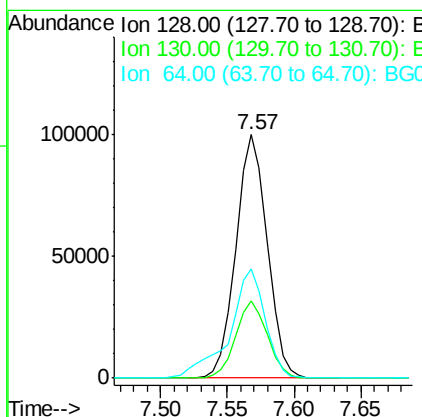
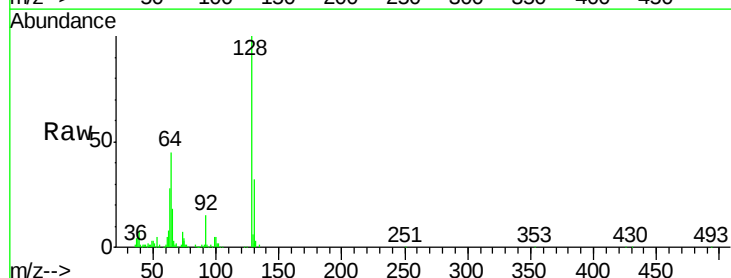
RT: 7.57 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	162351		
130	31.8	13.0	53.0	
64	44.9	28.2	68.2	





#9

Benzaldehyde

Concen: 27.77 ng

RT: 7.13 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

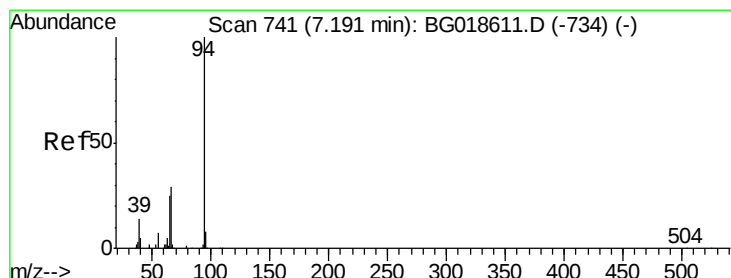
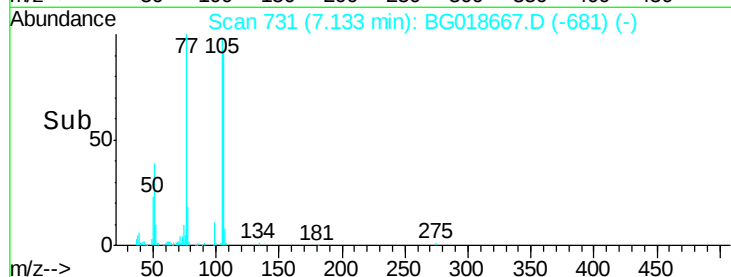
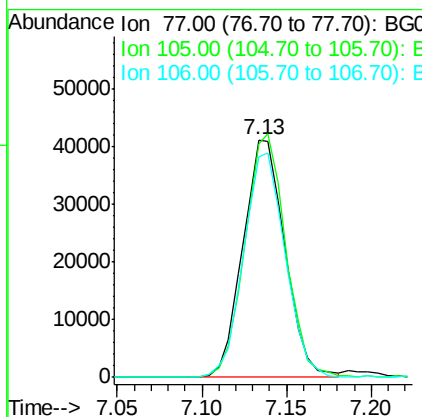
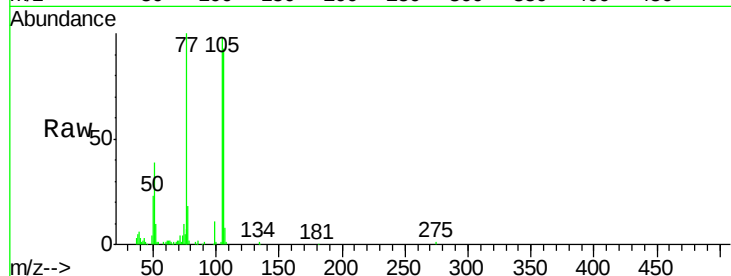
ClientSampleId :

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Tgt Ion:	77	Resp:	71173
Ion	Ratio	Lower	Upper
77	100		
105	98.0	77.7	117.7
106	93.2	75.8	115.8



#10

Phenol

Concen: 41.85 ng

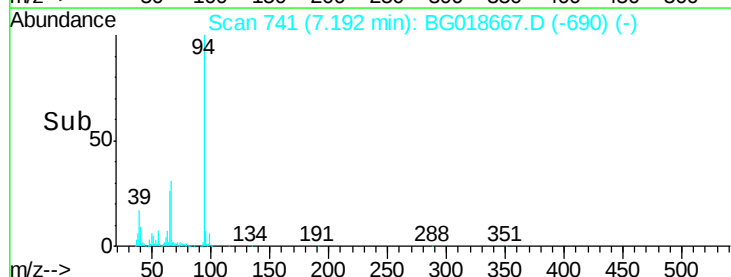
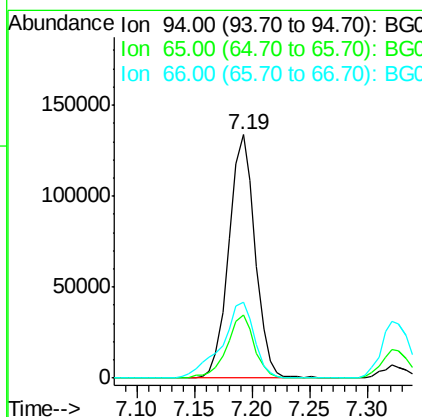
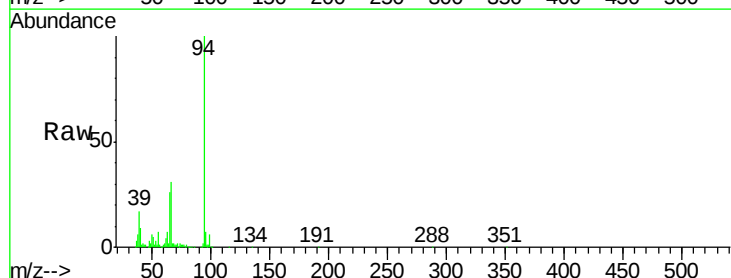
RT: 7.19 min Scan# 741

Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	210510
Ion	Ratio	Lower	Upper
94	100		
65	26.0	5.4	45.4
66	31.1	11.8	51.8





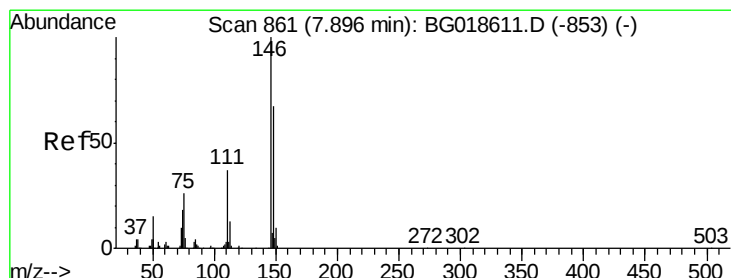
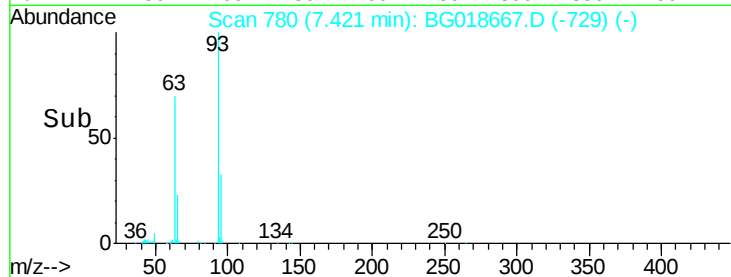
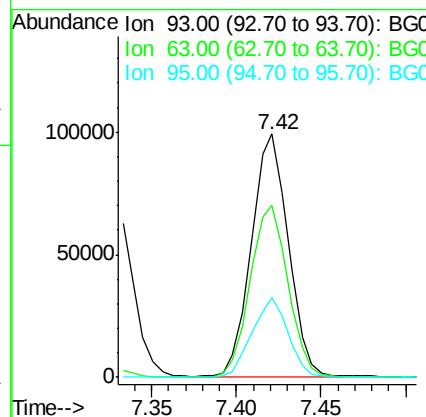
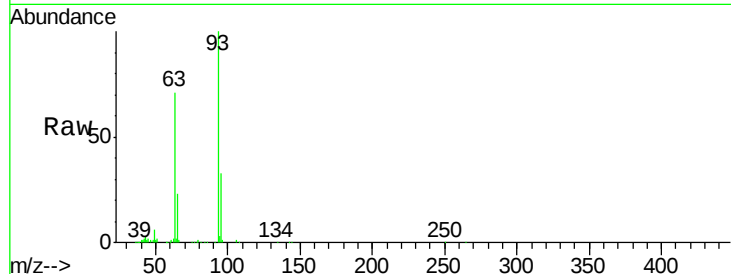
#11
 bis(2-Chloroethyl)ether
 Concen: 38.49 ng
 RT: 7.42 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	150043		
63	70.5	50.5	90.5	
95	32.7	12.2	52.2	

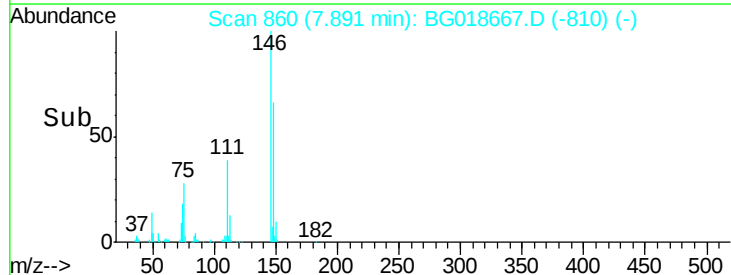
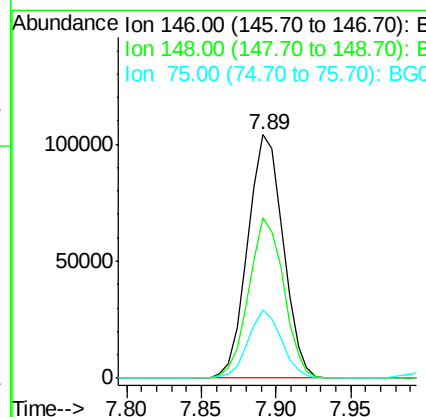
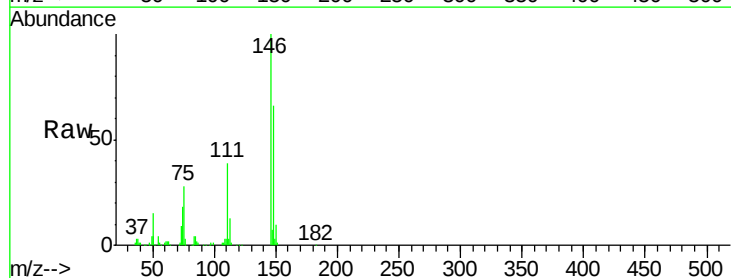
Manual Integrations
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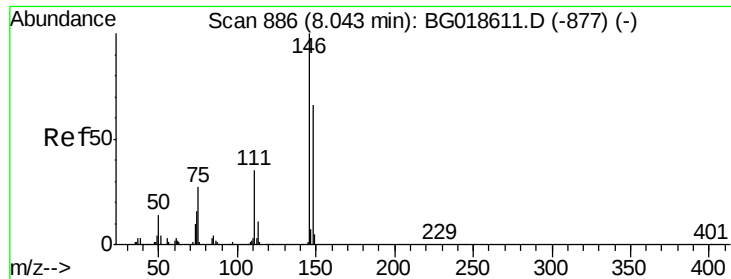
MMDadoda
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#12
 1,3-Dichlorobenzene
 Concen: 38.23 ng
 RT: 7.89 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	170551		
148	66.0	53.4	80.0	
75	28.2	21.1	31.7	





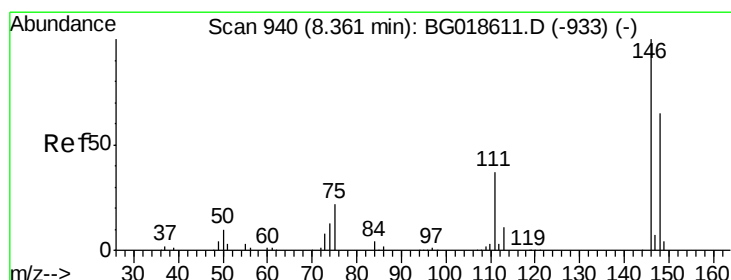
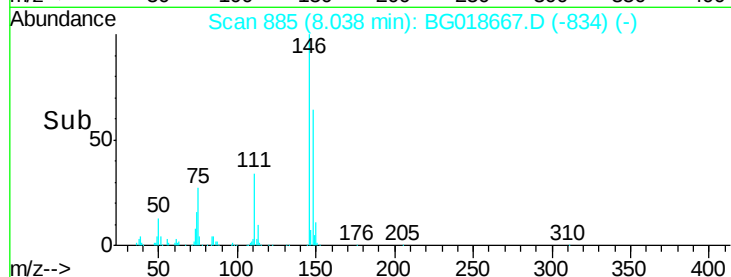
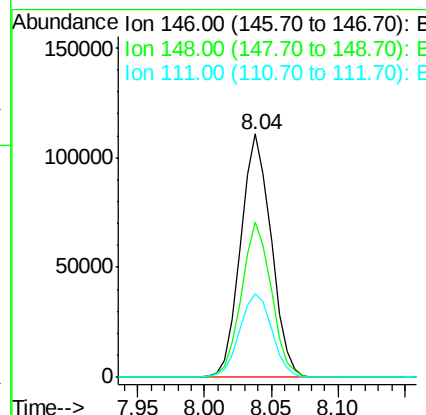
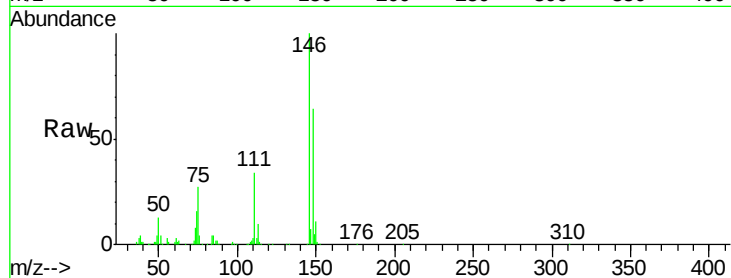
#13
 1,4-Dichlorobenzene
 Concen: 39.29 ng
 RT: 8.04 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	175790		
148	64.0	52.5	78.7	
111	34.3	28.3	42.5	

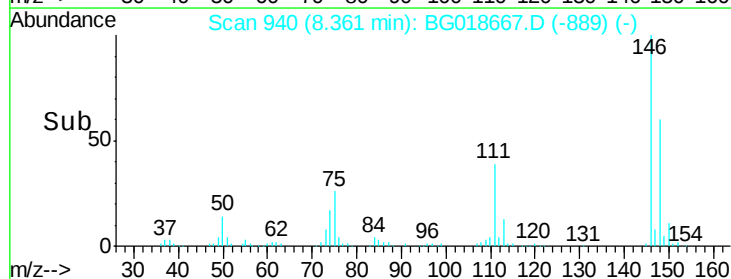
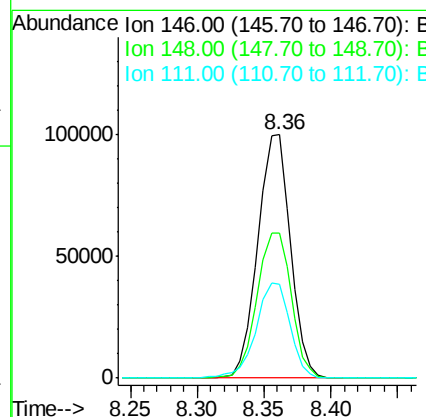
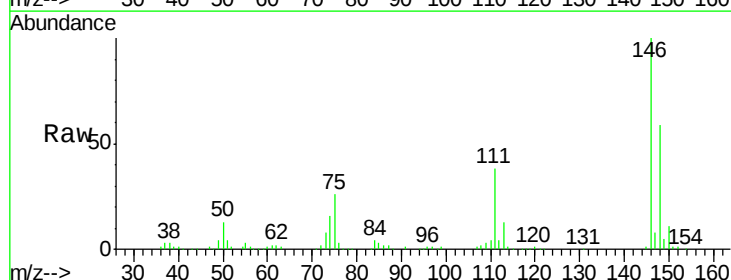
Manual Integrations
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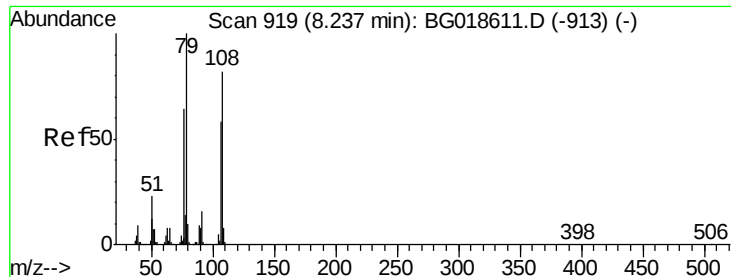
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#14
 1,2-Dichlorobenzene
 Concen: 39.48 ng
 RT: 8.36 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	168665		
148	59.5	52.5	78.7	
111	38.5	29.9	44.9	





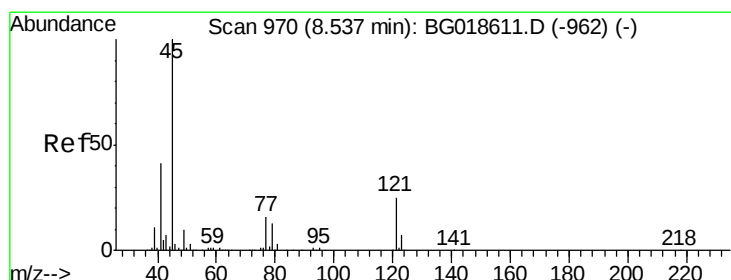
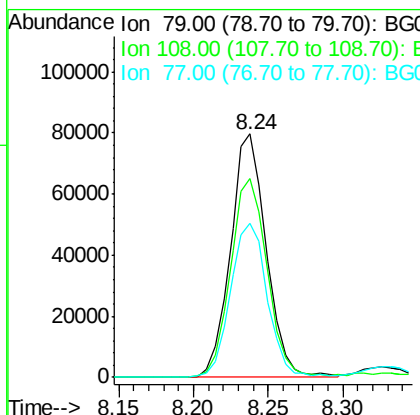
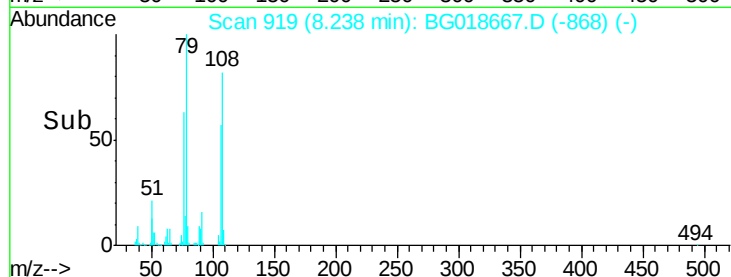
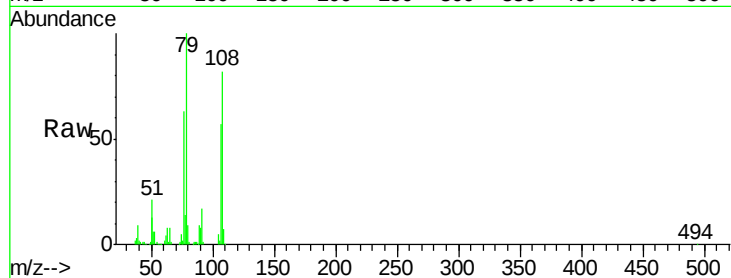
#15
Benzyl Alcohol
Concen: 38.75 ng
RT: 8.24 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	132978		
108	81.7	65.5	98.3	
77	63.3	51.3	76.9	

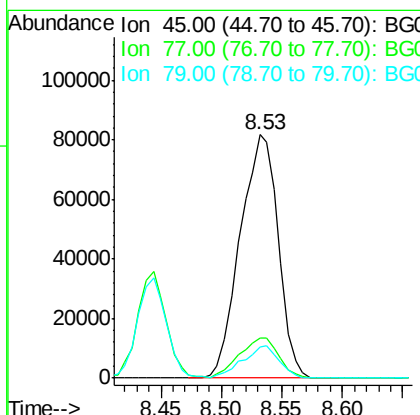
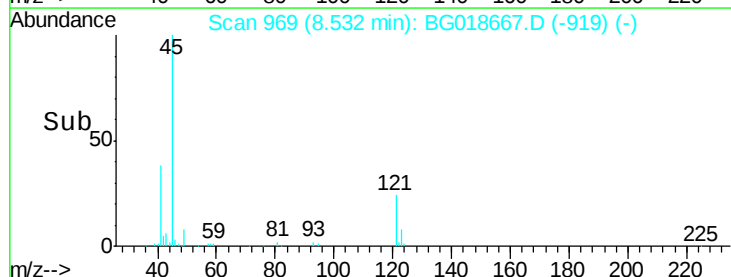
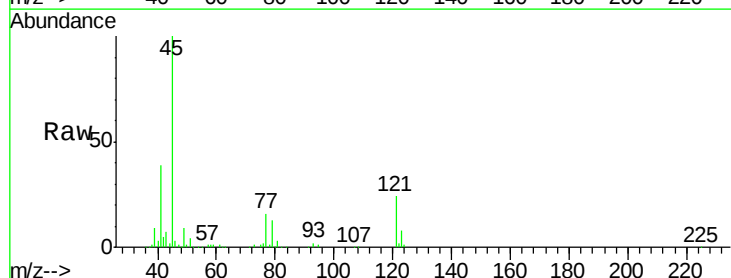
Manual Integrations
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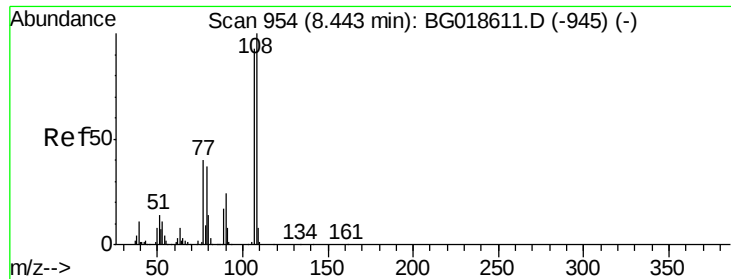
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.31 ng
RT: 8.53 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

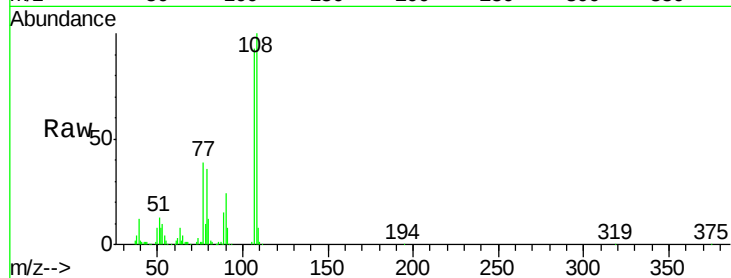
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	178445		
77	16.4	0.0	37.0	
79	12.8	0.0	33.8	





#17
 2-Methylphenol
 Concen: 41.26 ng
 RT: 8.44 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

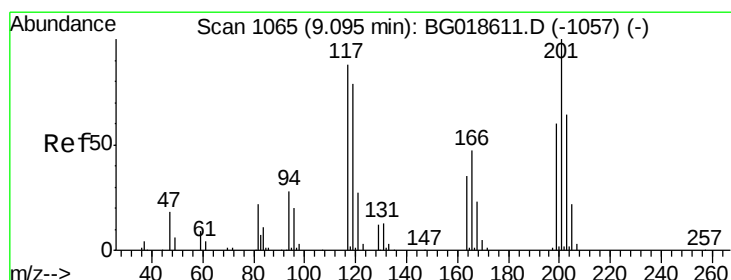
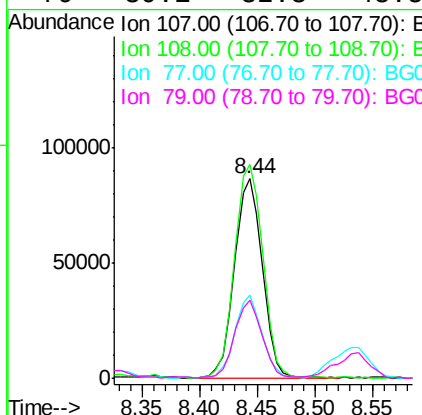
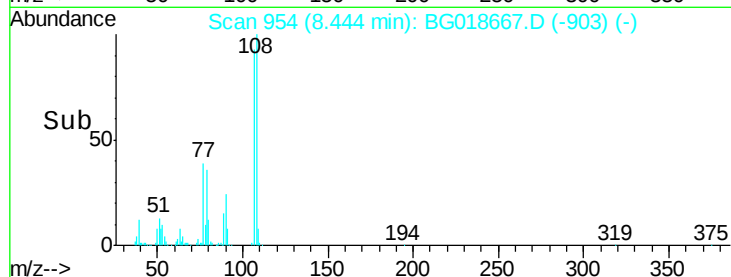
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS



Tgt	Ion	Resp	Lower	Upper
107	100			
108	107.2	86.5	129.7	
77	41.6	34.6	51.8	
79	39.1	32.3	48.5	

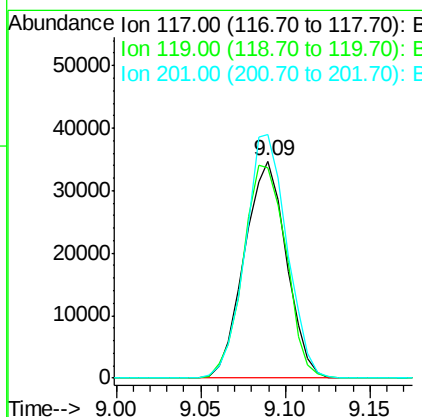
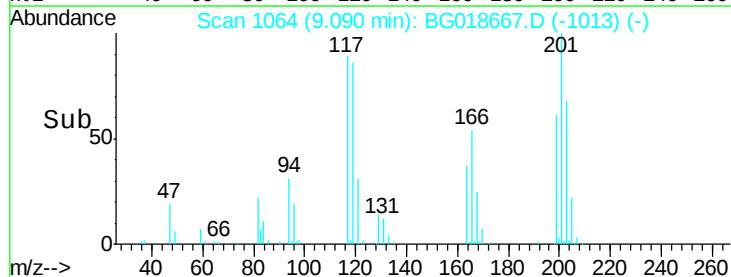
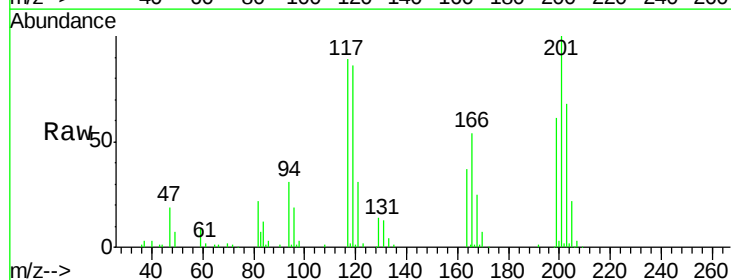
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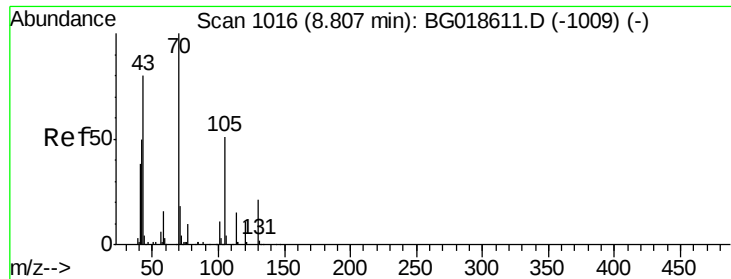
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#18
 Hexachloroethane
 Concen: 37.57 ng
 RT: 9.09 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

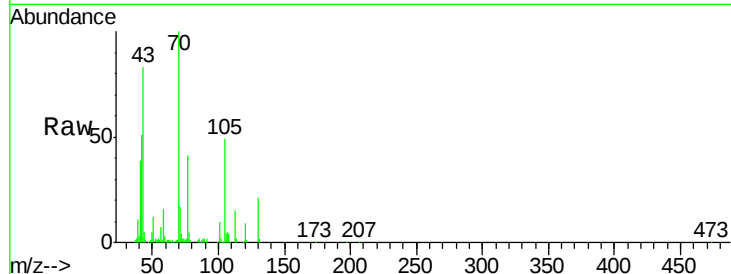
Tgt	Ion	Resp	Lower	Upper
117	100			
119	96.9	71.7	107.5	
201	112.2	90.9	136.3	





#19
n-Nitroso-di-n-propylamine
Concen: 34.90 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

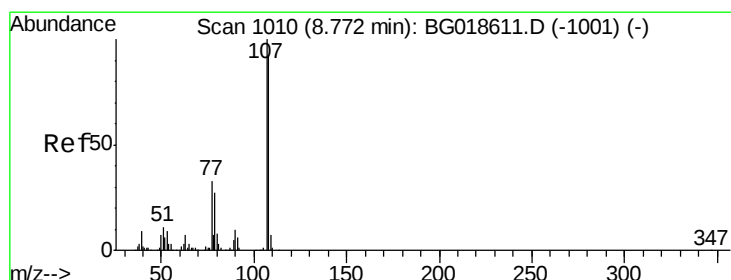
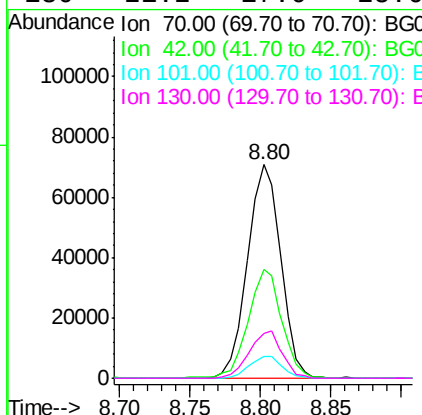
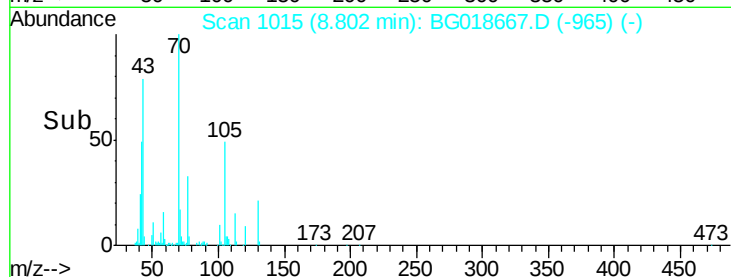
Instrument :
BNA_G
ClientSampleId :
PB85519BS



Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.9	40.6	60.8
101	10.5	8.6	13.0
130	21.2	17.0	25.6

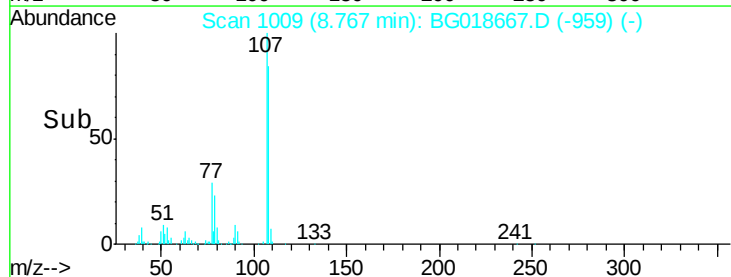
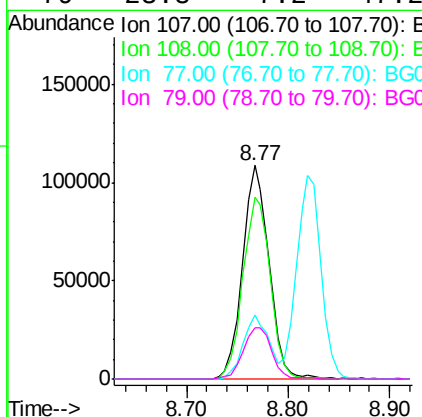
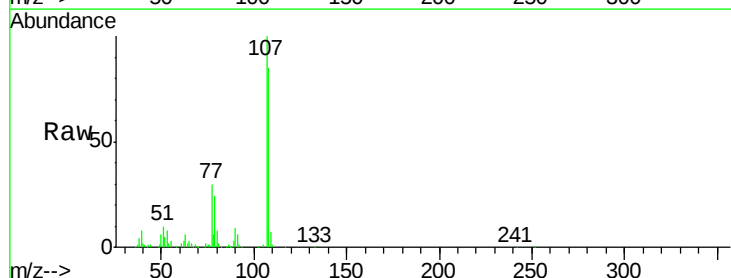
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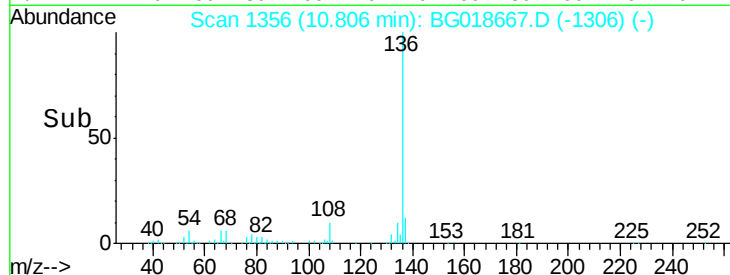
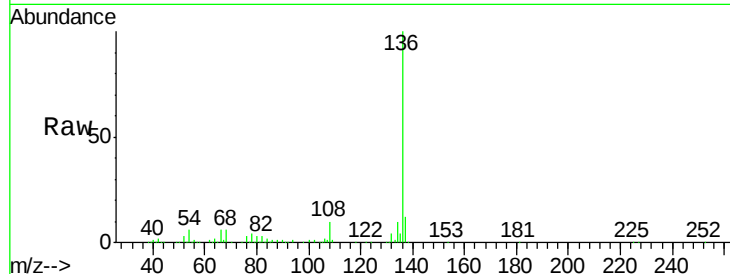
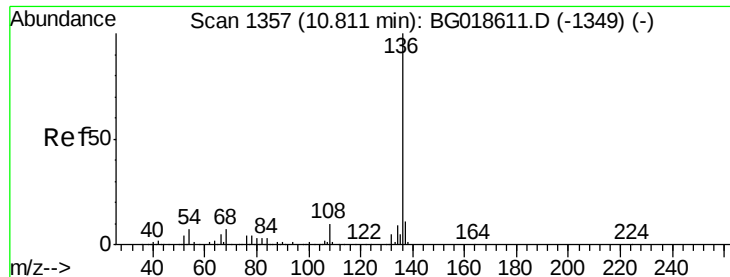
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#20
3+4-Methylphenols
Concen: 40.01 ng
RT: 8.77 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	72.2	112.2
77	29.8	13.4	53.4
79	23.8	7.2	47.2





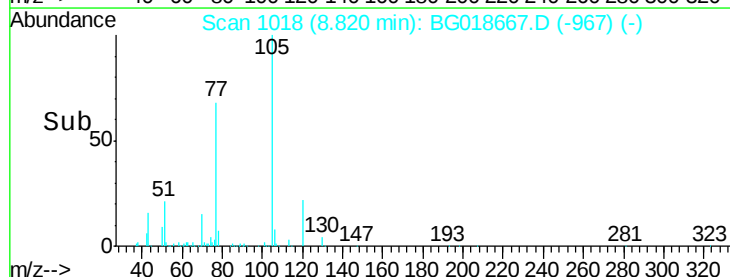
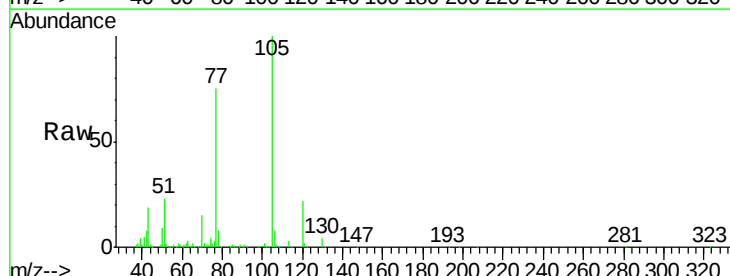
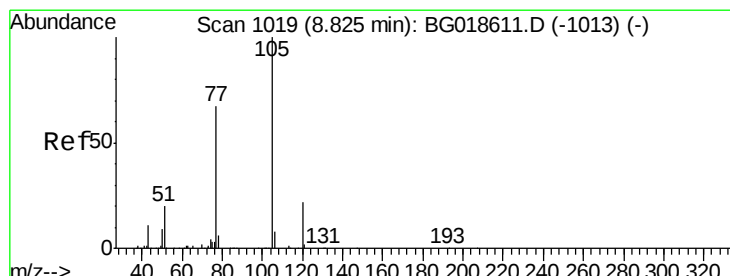
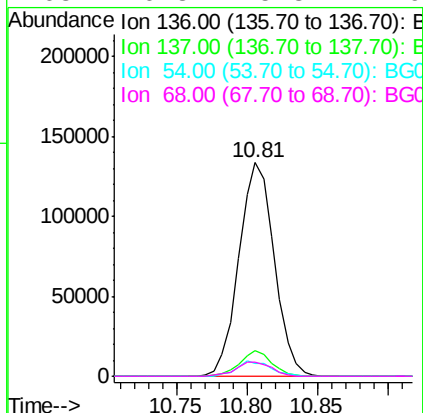
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Manual Integrations
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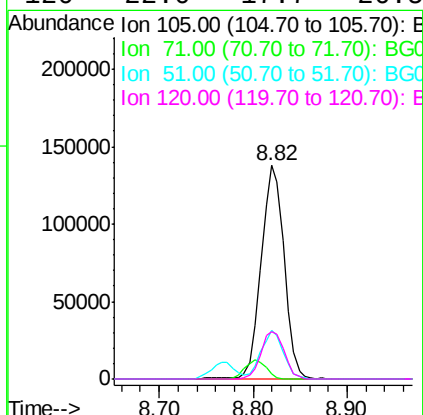
MMDadoda
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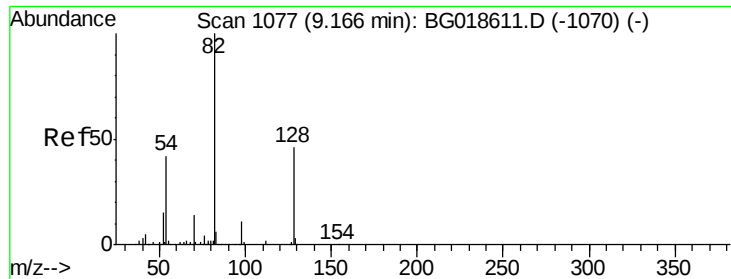
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	233316		
137	12.1	8.6	12.8	
54	6.3	5.4	8.2	
68	6.3	5.3	7.9	



#22
Acetophenone
Concen: 39.46 ng
RT: 8.82 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233249		
71	2.3	2.1	3.1	
51	22.6	17.8	26.8	
120	22.0	17.7	26.5	





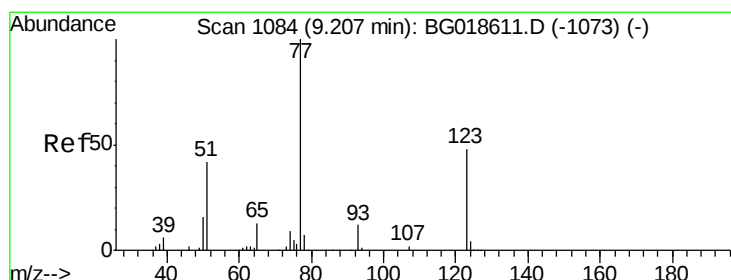
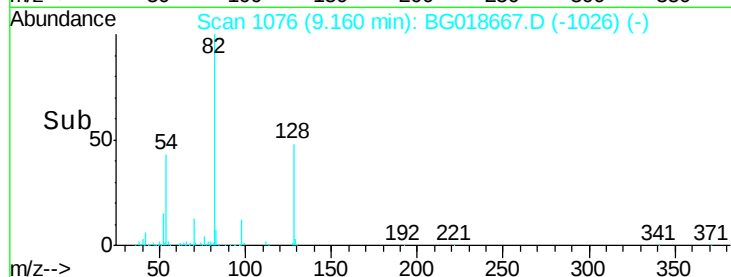
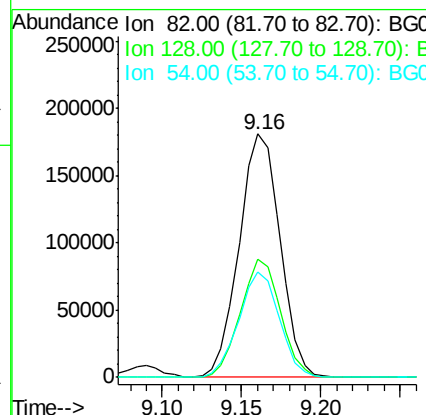
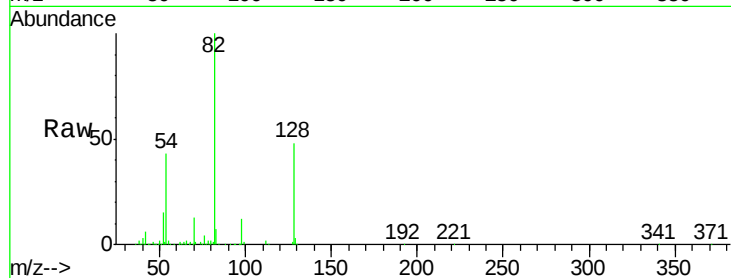
#23
 Nitrobenzene-d5
 Concen: 77.58 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.7	55.1
54	43.1	33.8	50.8

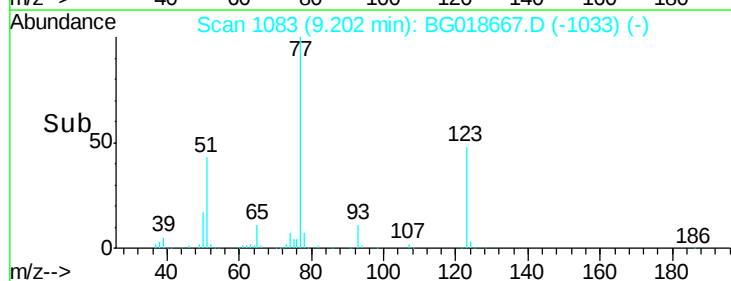
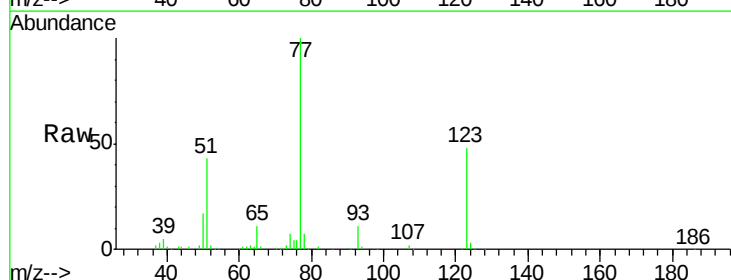
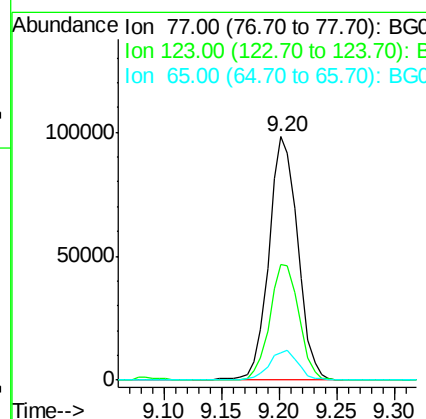
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#24
 Nitrobenzene
 Concen: 38.68 ng
 RT: 9.20 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.2	57.2
65	11.2	10.6	16.0





#25

Isophorone

Concen: 36.09 ng

RT: 9.72 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

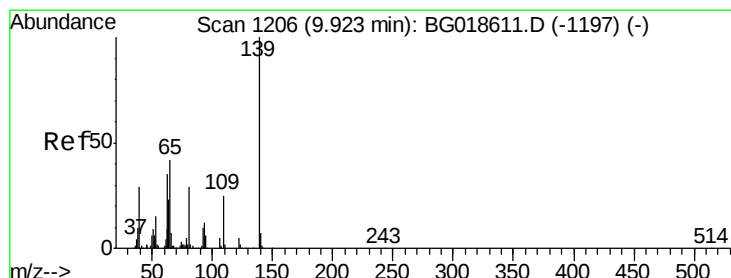
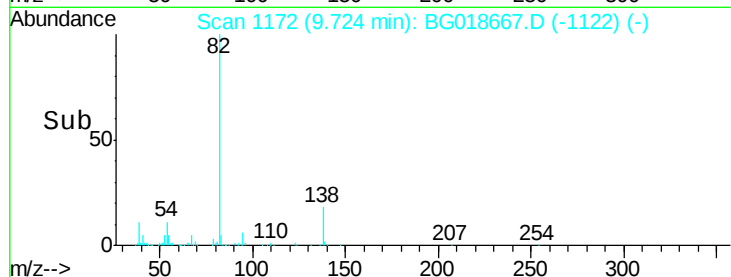
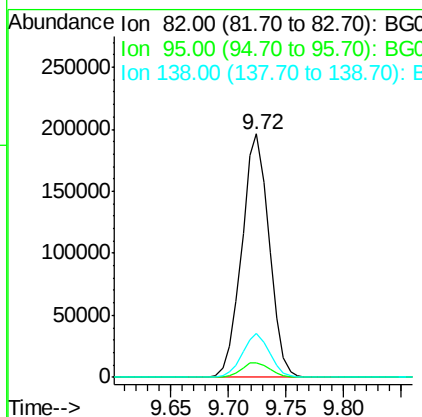
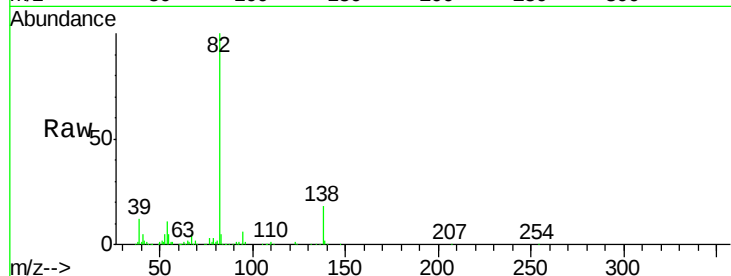
ClientSampleId :

PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	323603		
95	6.1	5.2	7.8	
138	18.3	14.4	21.6	

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.89 ng

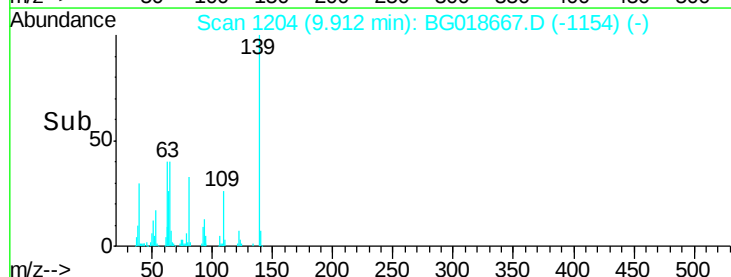
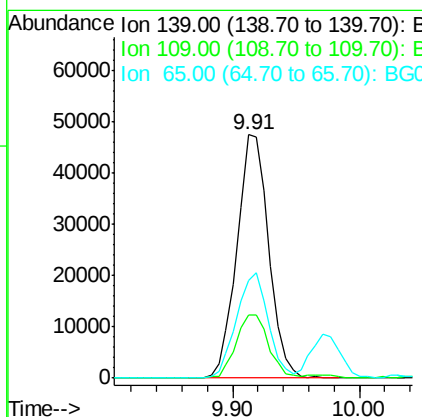
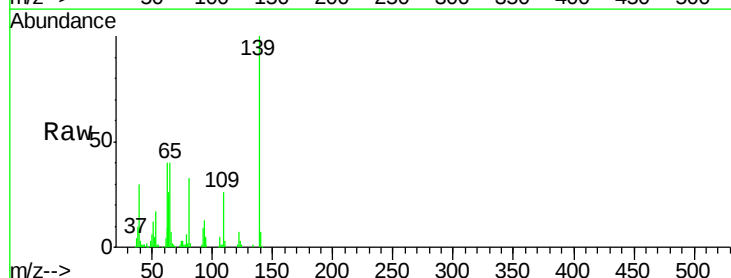
RT: 9.91 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82403		
109	26.0	20.1	30.1	
65	40.3	34.1	51.1	





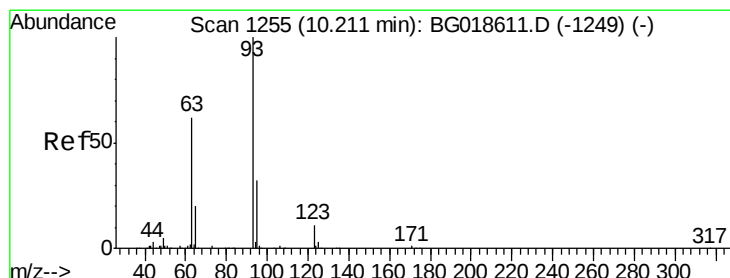
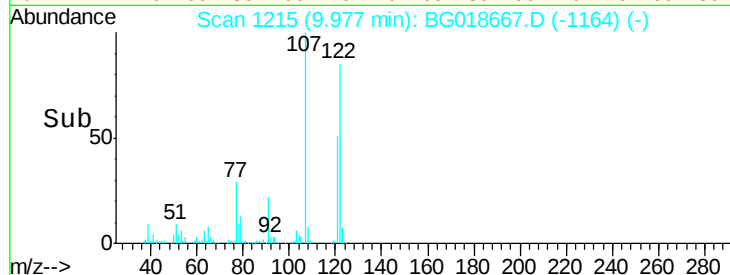
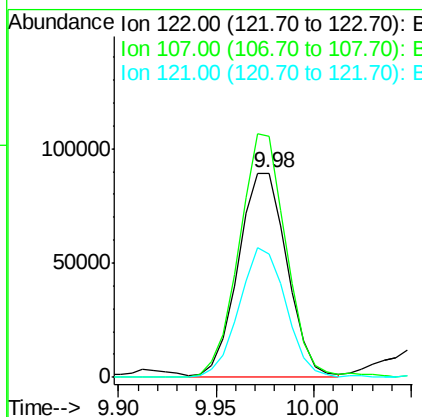
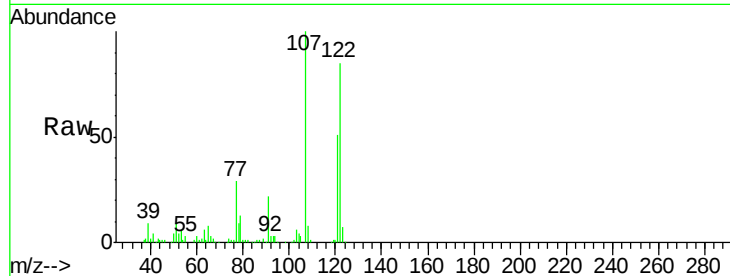
#27
 2,4-Dimethylphenol
 Concen: 41.14 ng
 RT: 9.98 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	154325		
107	118.0	91.6	137.4	
121	60.4	47.3	70.9	

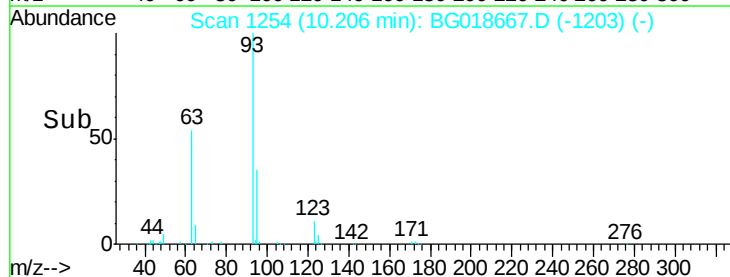
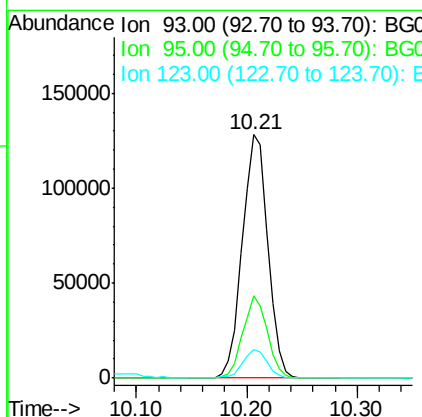
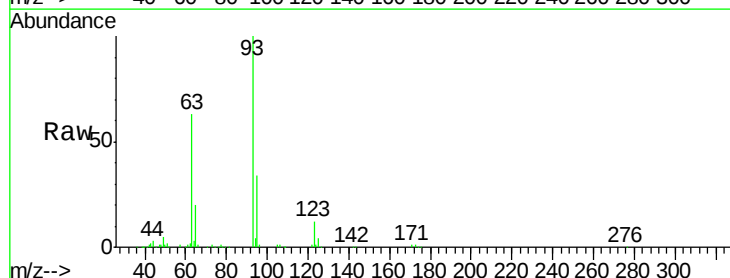
Manual Integrations
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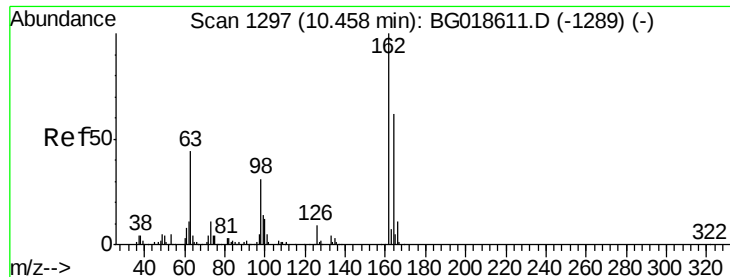
MMDadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.54 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	208743		
95	33.6	25.7	38.5	
123	11.6	8.6	12.8	





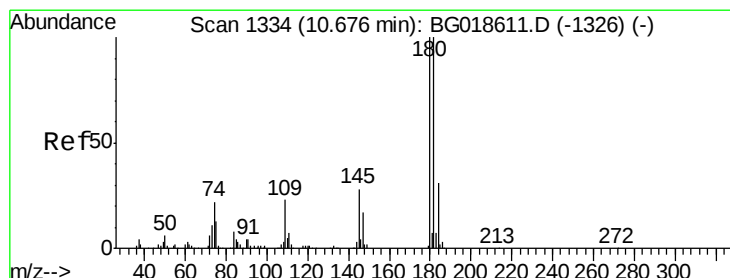
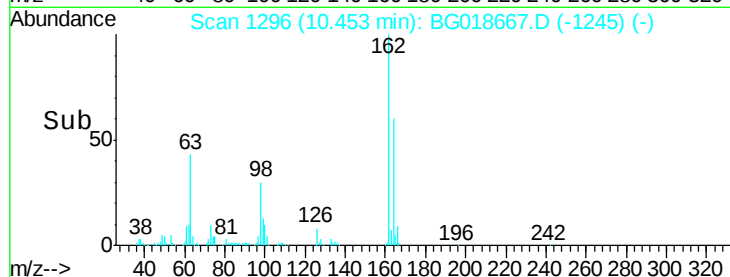
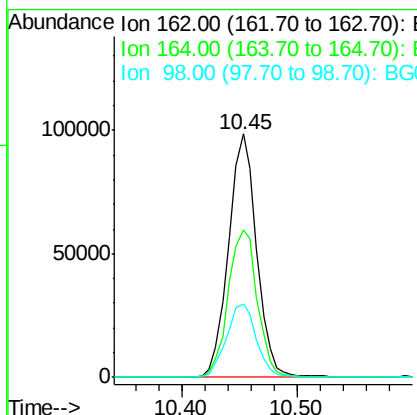
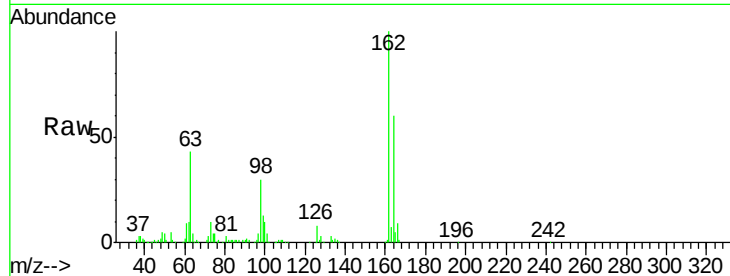
#29
 2,4-Dichlorophenol
 Concen: 43.79 ng
 RT: 10.45 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	165991		
164	60.5	42.3	82.3	
98	30.2	11.5	51.5	

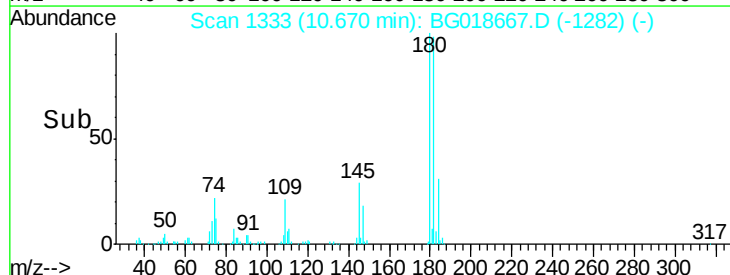
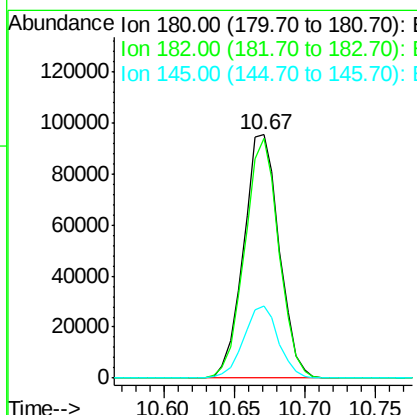
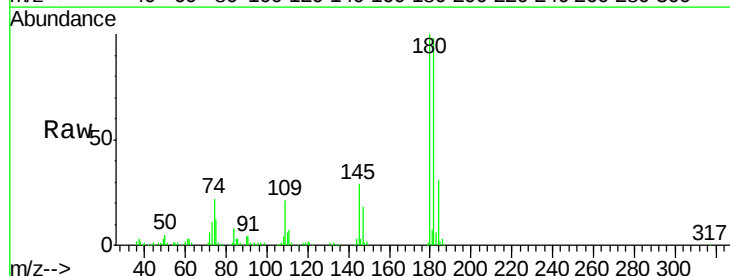
Manual Integrations
 APPROVED

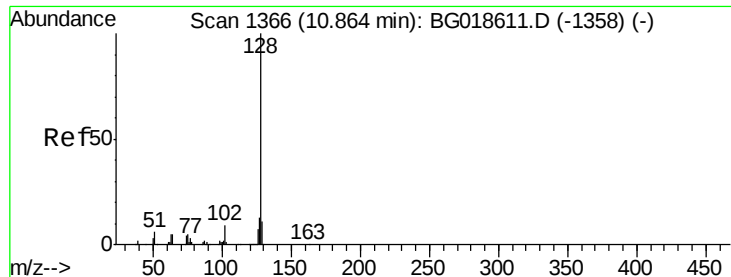
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.12 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	168552		
182	98.5	79.7	119.5	
145	29.5	22.0	33.0	





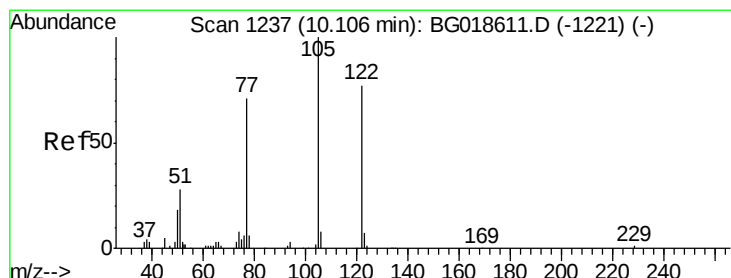
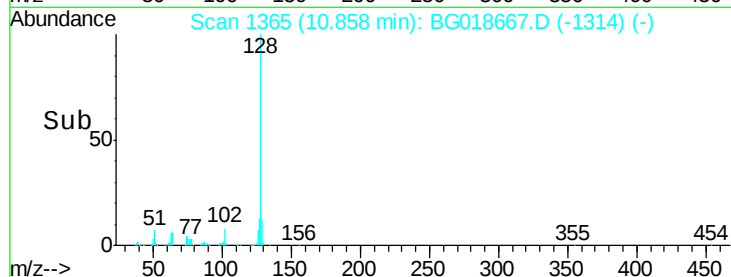
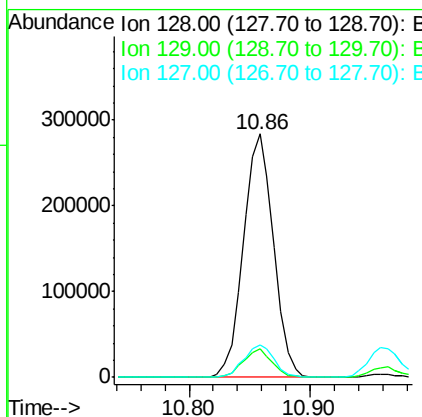
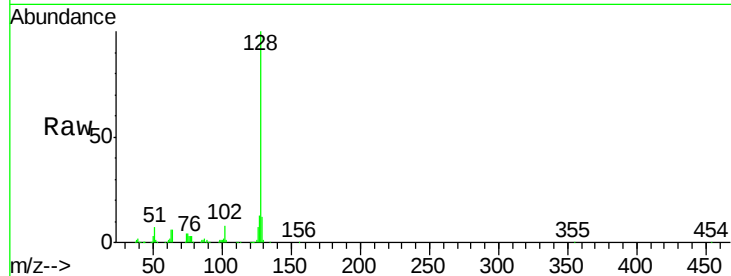
#31
Naphthalene
Concen: 39.29 ng
RT: 10.86 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	490861		
129	11.6	8.5	12.7	
127	13.3	10.6	16.0	

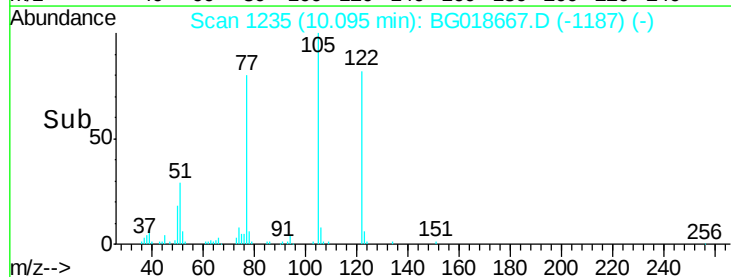
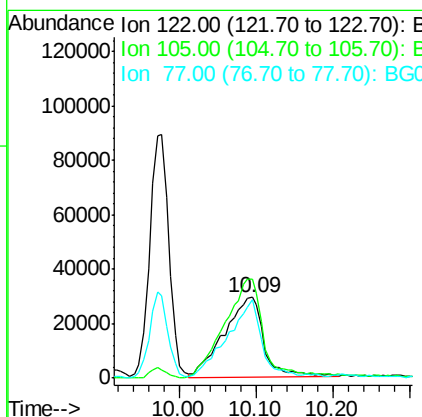
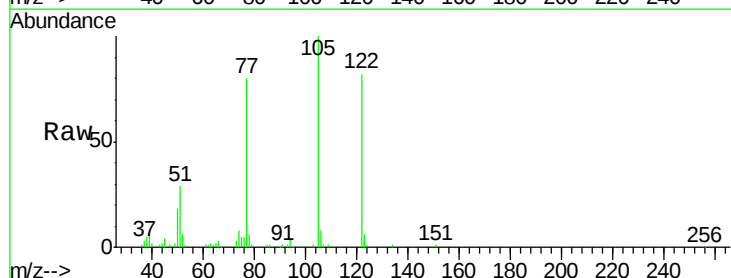
Manual Integrations
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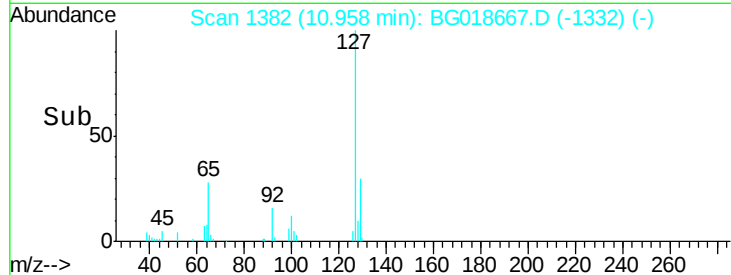
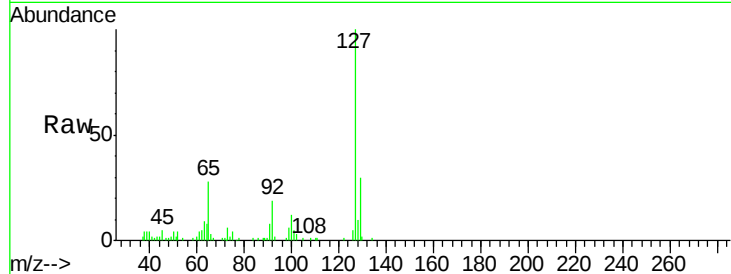
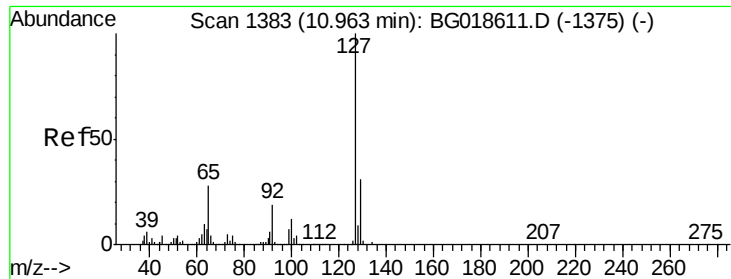
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#32
Benzoic acid
Concen: 35.96 ng
RT: 10.09 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	104548		
105	122.7	103.8	143.8	
77	98.1	68.8	108.8	





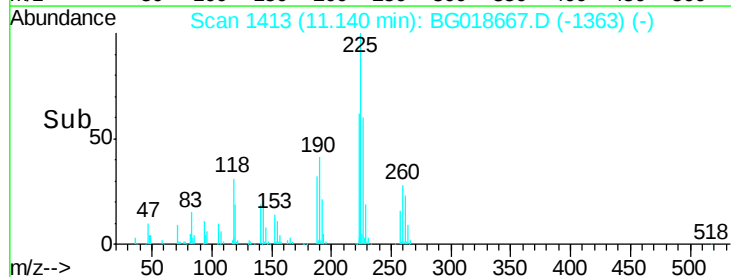
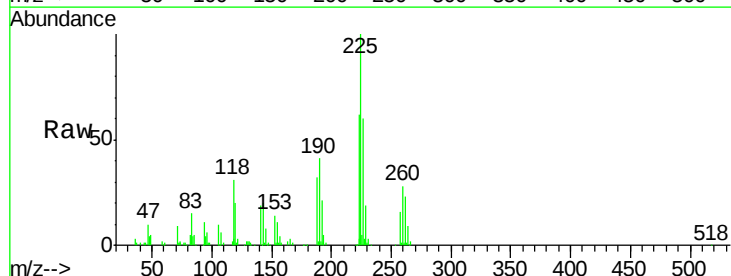
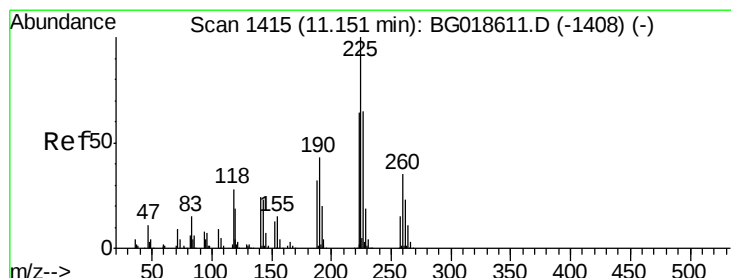
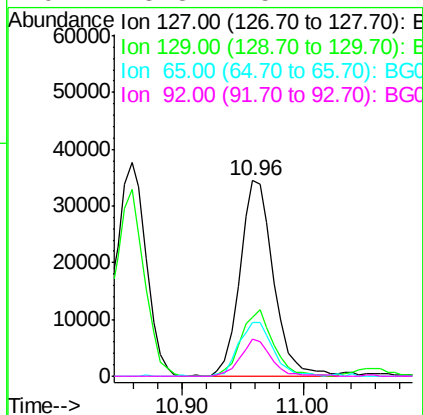
#33
4-Chloroaniline
Concen: 11.81 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Manual Integrations
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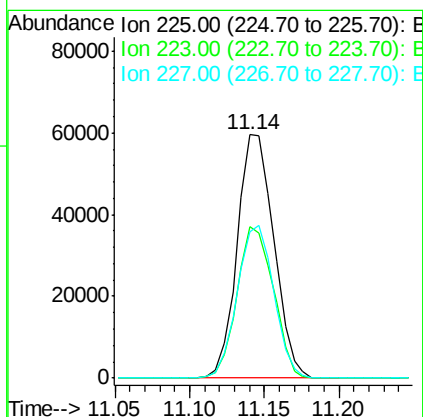
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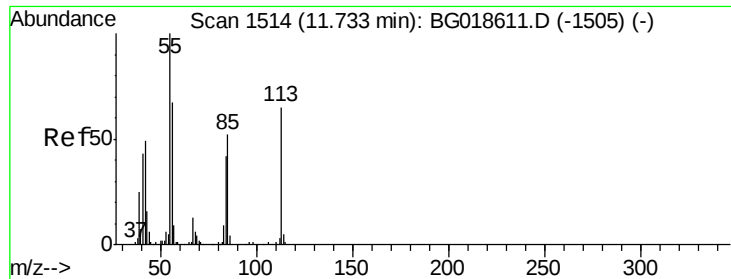
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	66756		
129	30.4	24.6	37.0	
65	27.6	22.6	33.8	
92	18.8	15.1	22.7	



#34
Hexachlorobutadiene
Concen: 41.00 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101532		
223	62.4	51.0	76.4	
227	62.7	51.8	77.8	





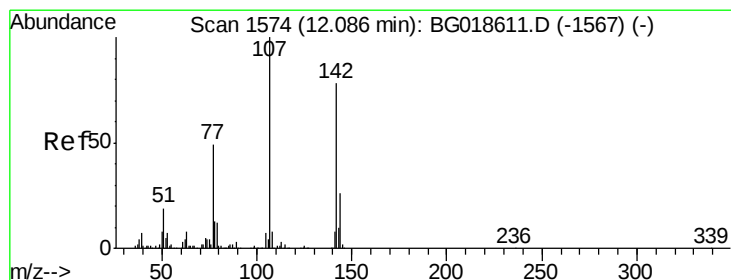
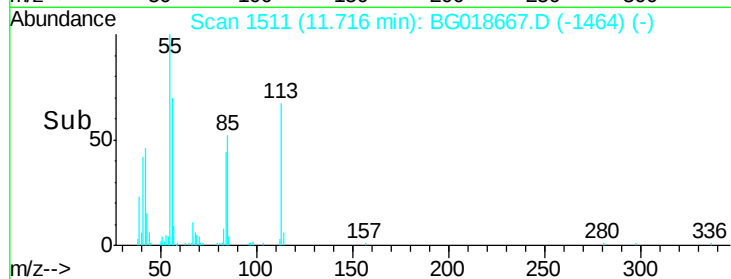
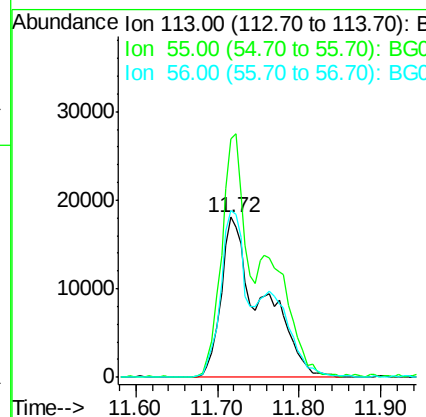
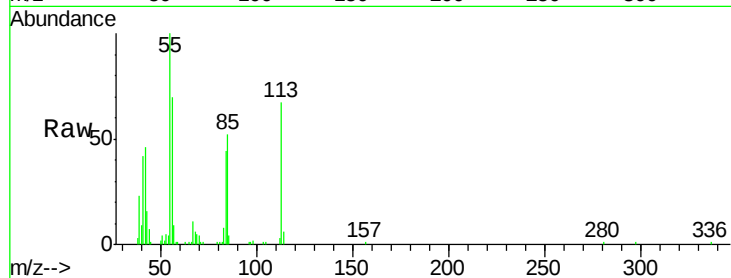
#35
 Caprolactam
 Concen: 38.82 ng m
 RT: 11.72 min Scan# 1511
 Delta R.T. -0.02 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.1	135.0	175.0
56	104.3	83.4	123.4

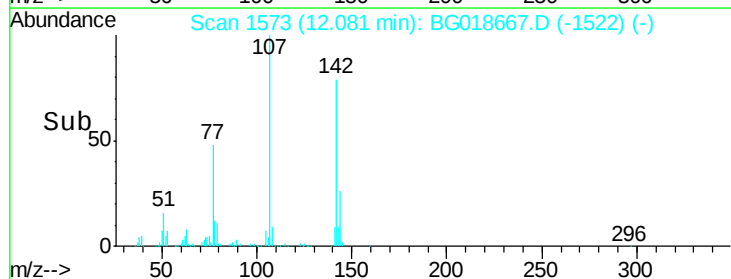
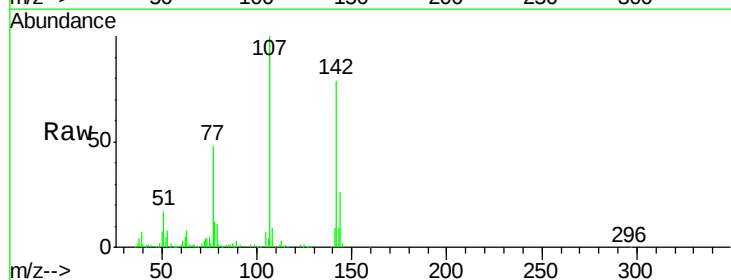
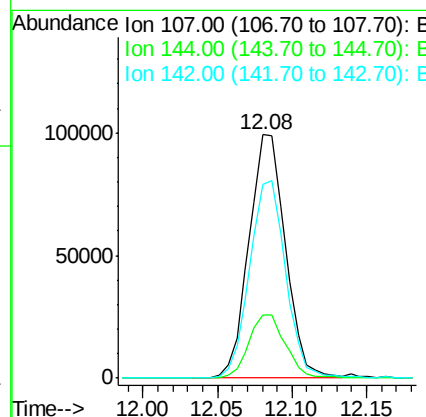
Manual Integrations
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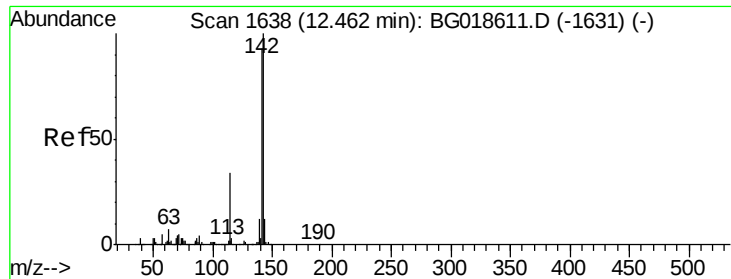
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#36
 4-Chloro-3-methylphenol
 Concen: 39.69 ng
 RT: 12.08 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.6	31.0
142	79.3	62.6	93.8





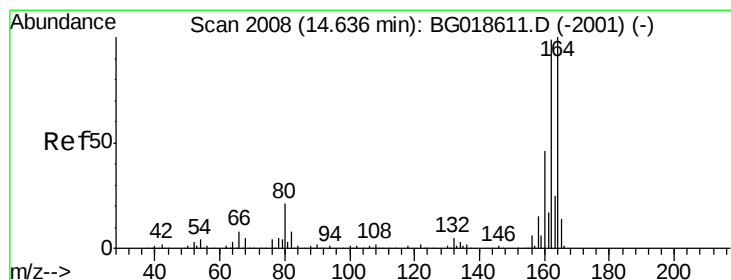
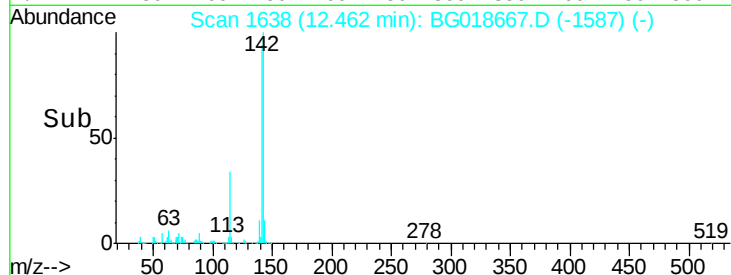
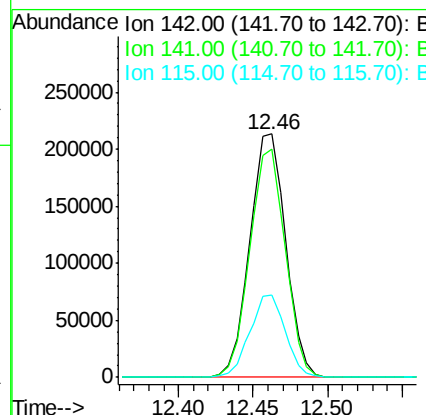
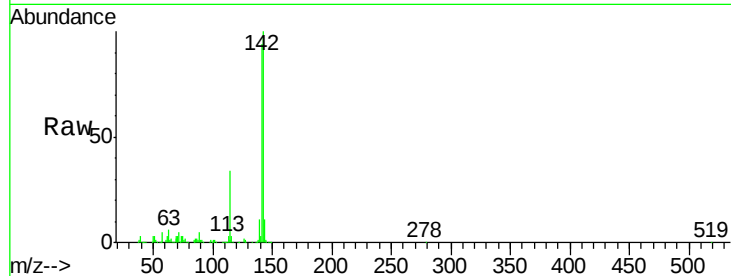
#37
2-Methylnaphthalene
Concen: 38.78 ng
RT: 12.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.6	112.0
115	33.7	27.4	41.0

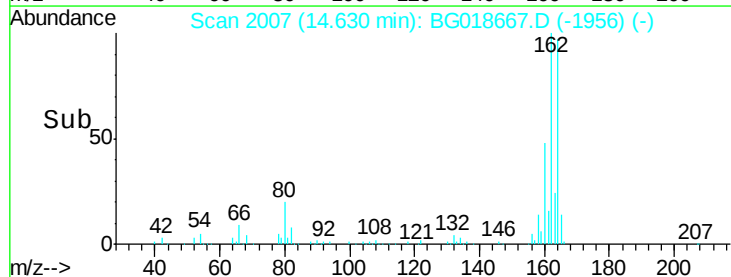
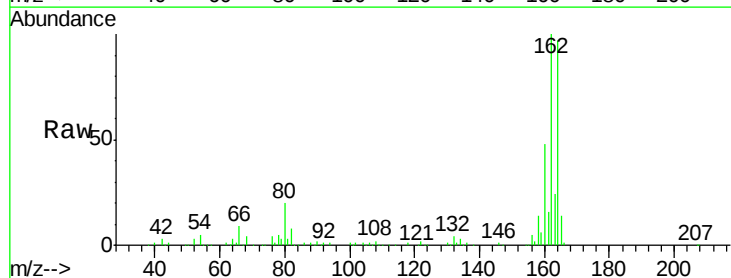
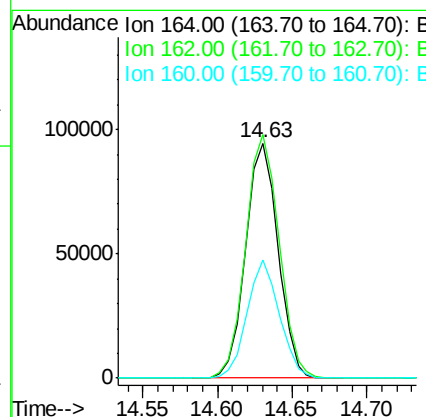
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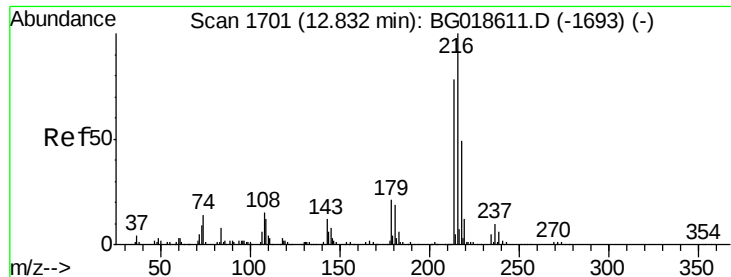
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	50.0	36.4	54.6





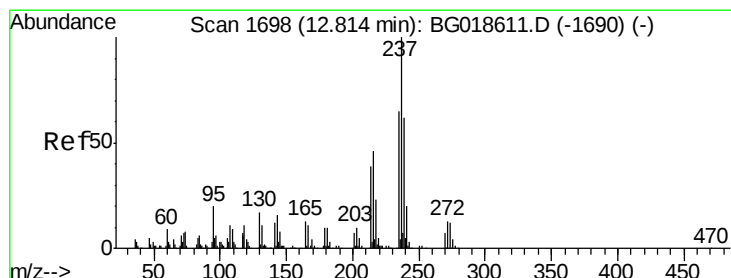
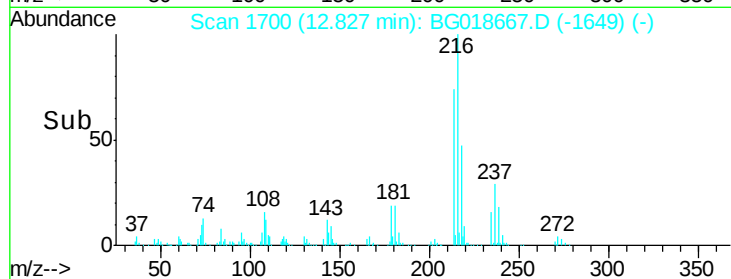
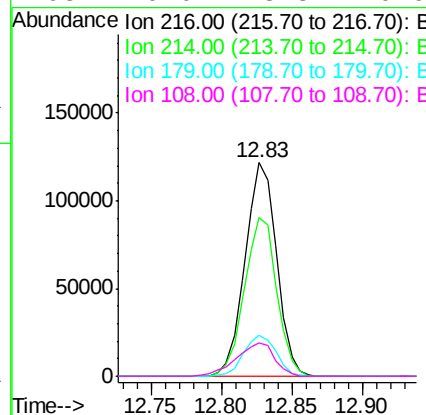
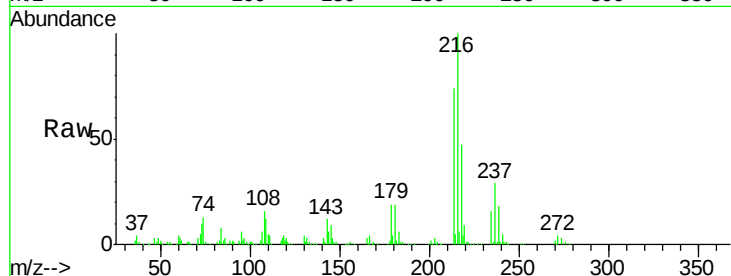
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.14 ng
 RT: 12.83 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Manual Integrations
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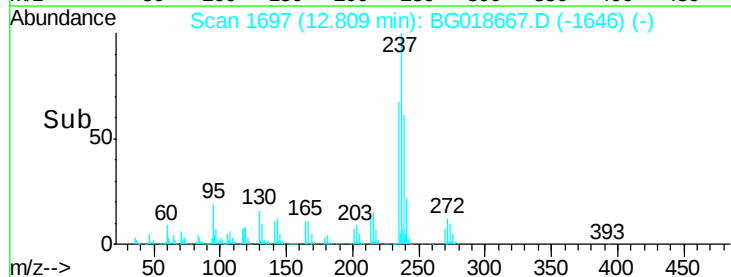
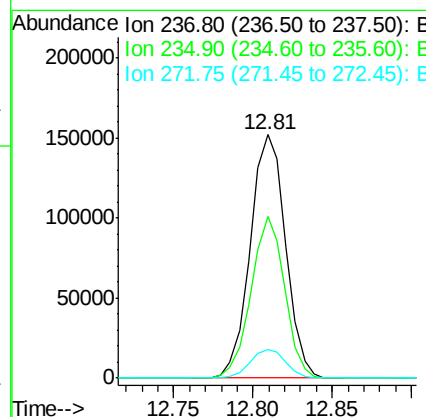
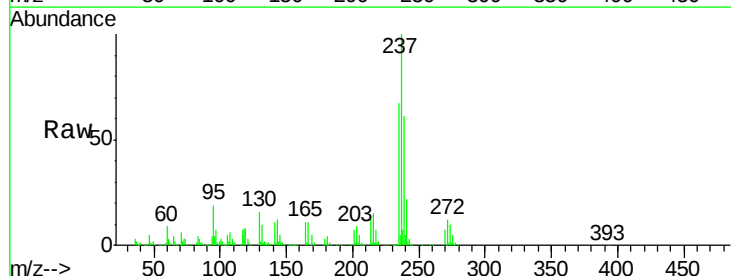
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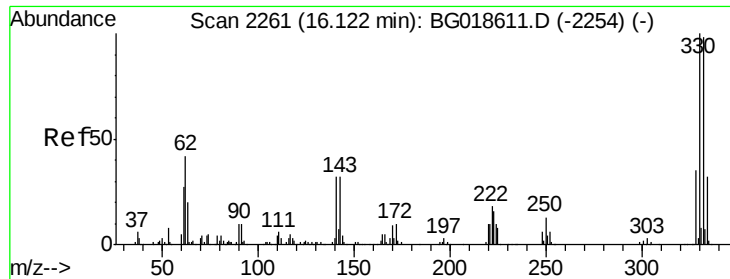
Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	76.2	62.5	93.7
179	19.7	15.6	23.4
108	19.0	13.3	19.9



#40
 Hexachlorocyclopentadiene
 Concen: 103.71 ng
 RT: 12.81 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	66.5	44.6	84.6
272	11.8	0.0	32.8





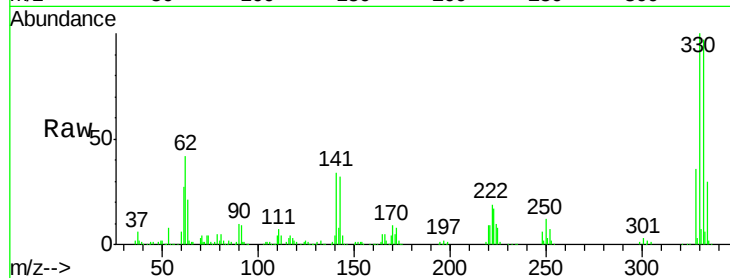
#41
 2,4,6-Tribromophenol
 Concen: 86.45 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampled :
 PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	165500		
332	97.9	78.1	117.1	
141	34.9	28.2	42.2	

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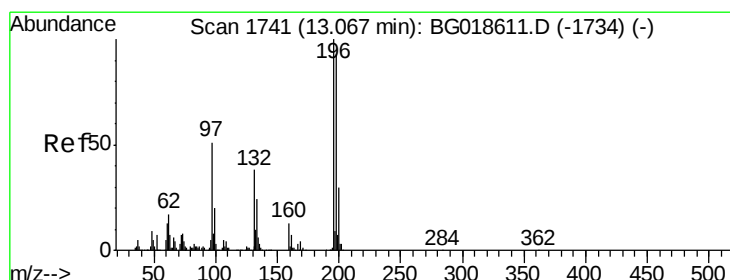
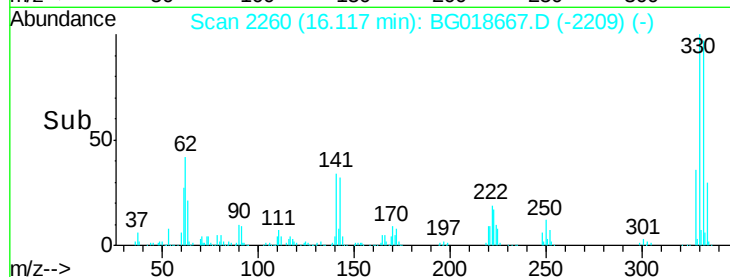
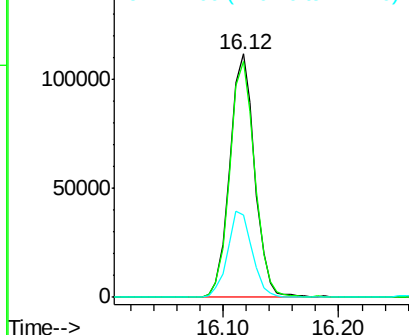


Abundance

Ion 329.80 (329.50 to 330.50): E

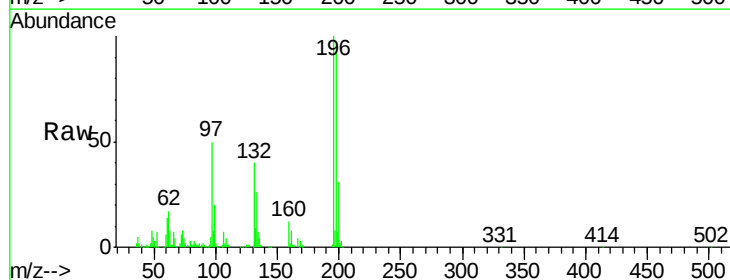
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.39 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	132393		
198	92.0	74.7	112.1	
200	31.1	24.1	36.1	

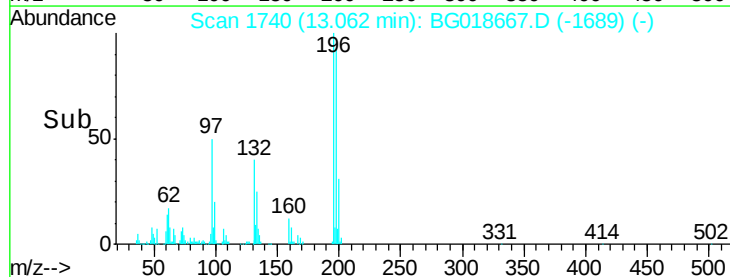
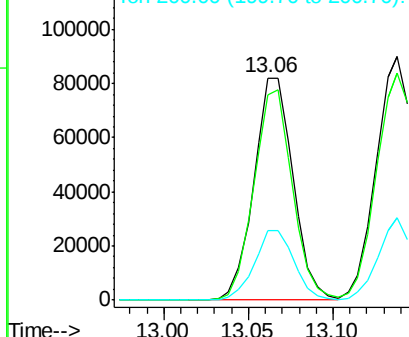


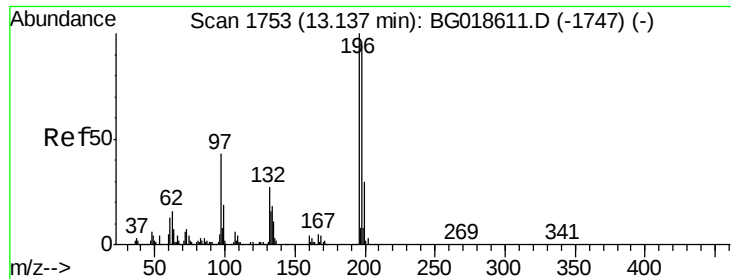
Abundance

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





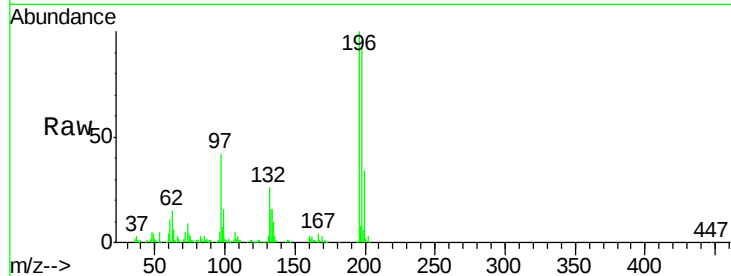
#43
2,4,5-Trichlorophenol
Concen: 42.82 ng
RT: 13.14 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

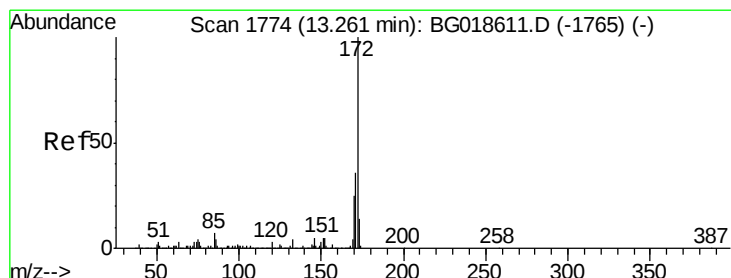
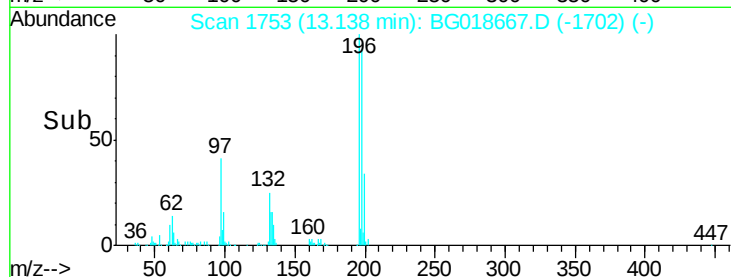
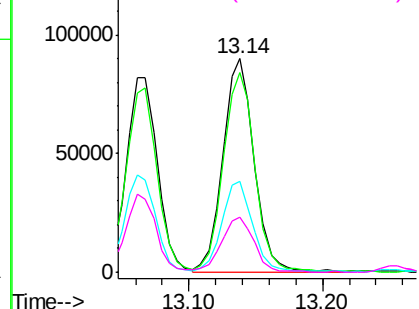
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146709		
198	93.2	75.2	112.8	
97	42.3	34.2	51.2	
132	25.8	21.8	32.6	

Manual Integrations
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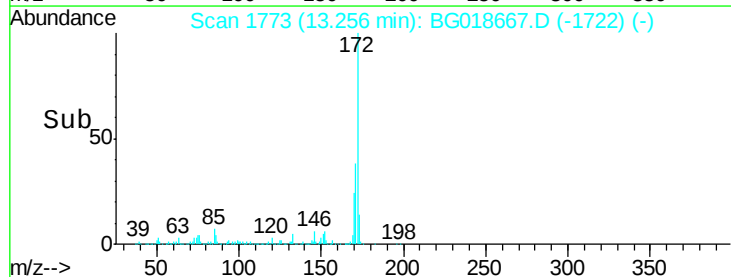
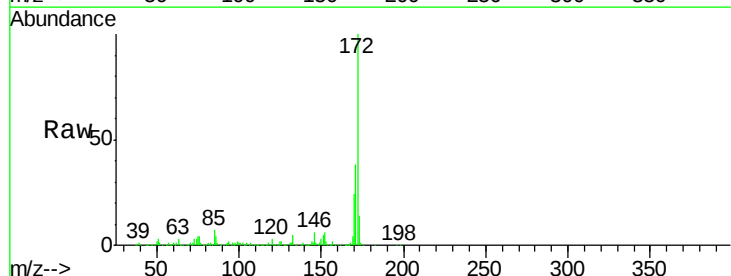
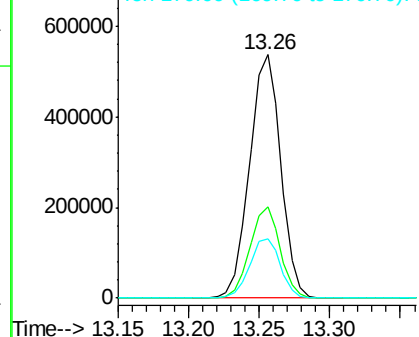
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

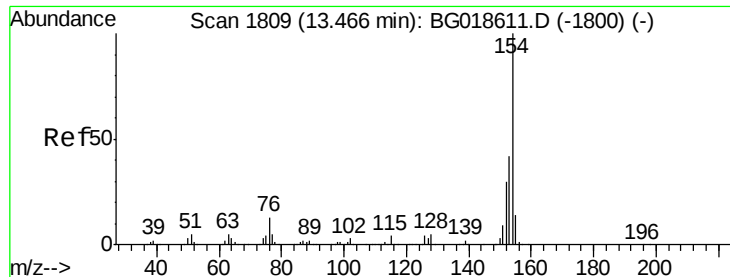


#44
2-Fluorobiphenyl
Concen: 80.98 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	829429		
171	37.7	29.0	43.6	
170	24.4	19.9	29.9	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.59 ng

RT: 13.47 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

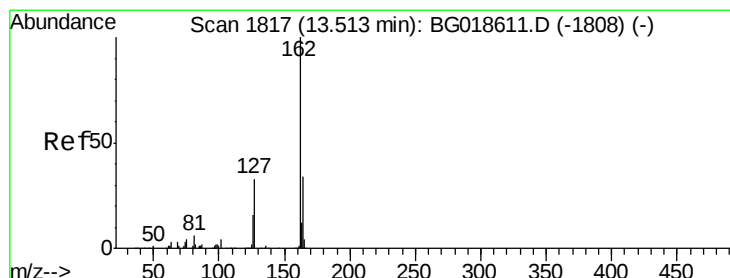
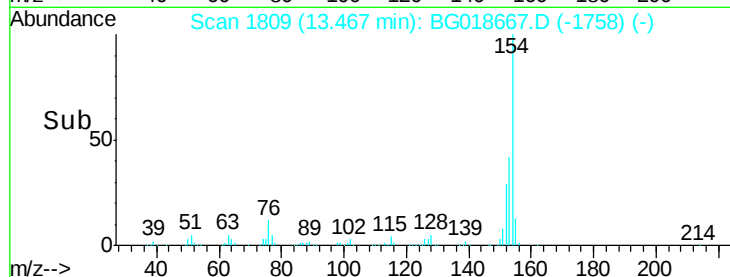
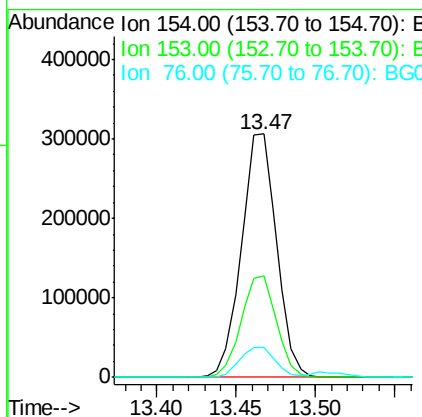
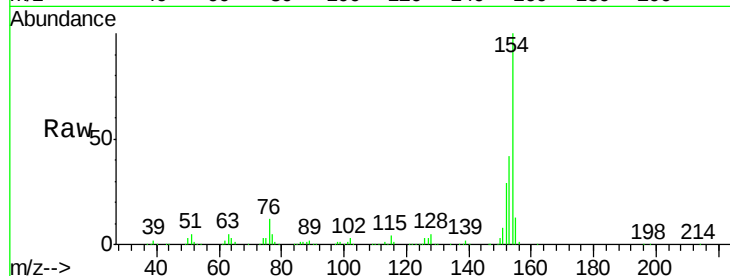
ClientSampleId :

PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	470205		
153	41.6	21.9	61.9	
76	12.3	0.0	33.2	

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#46

2-Chloronaphthalene

Concen: 41.71 ng

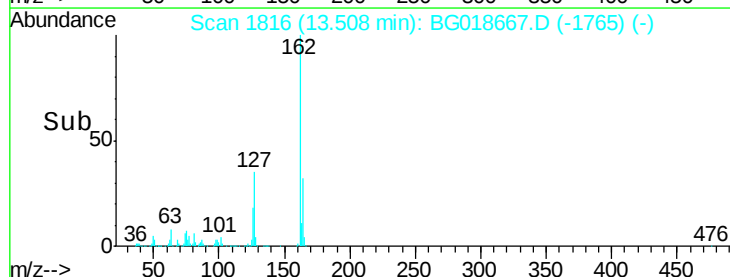
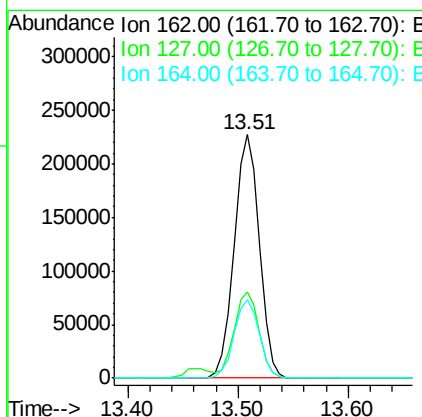
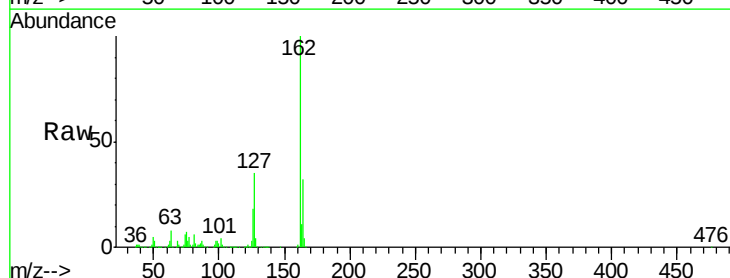
RT: 13.51 min Scan# 1816

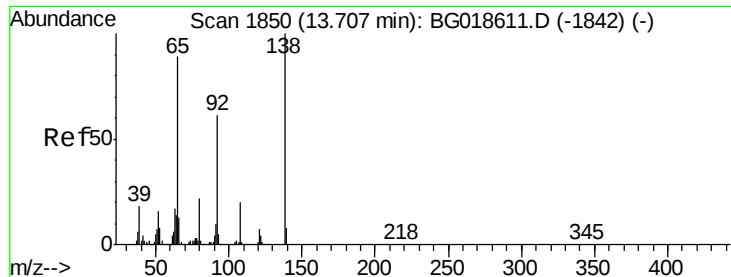
Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	363348		
127	35.3	28.3	42.5	
164	32.4	27.4	41.0	





#47

2-Nitroaniline

Concen: 39.38 ng

RT: 13.70 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

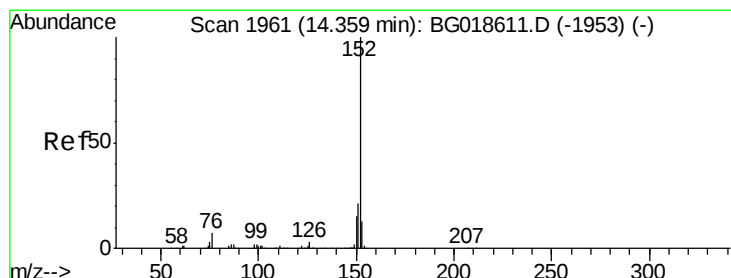
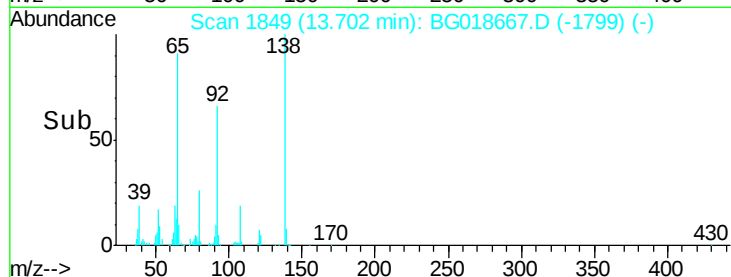
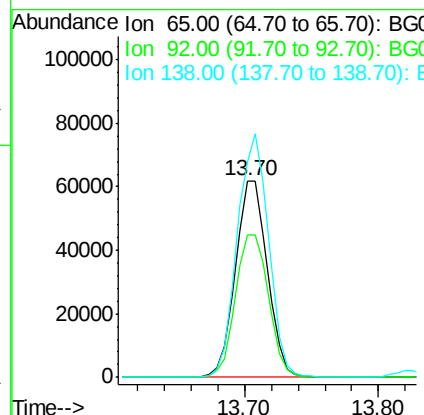
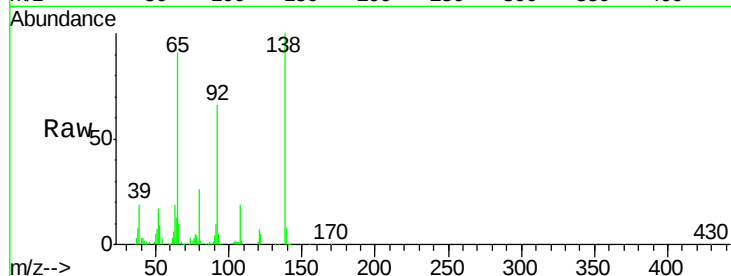
ClientSampleId :

PB85519BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	54.8	82.2
138	109.3	89.6	134.4

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#48

Acenaphthylene

Concen: 40.17 ng

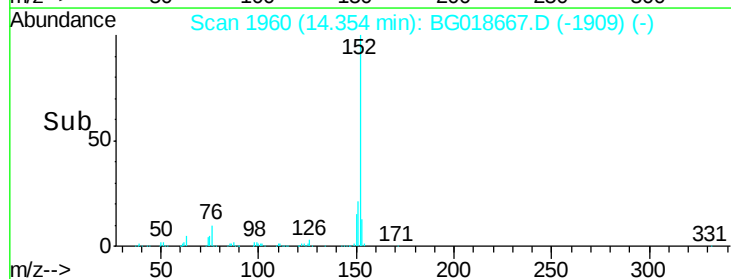
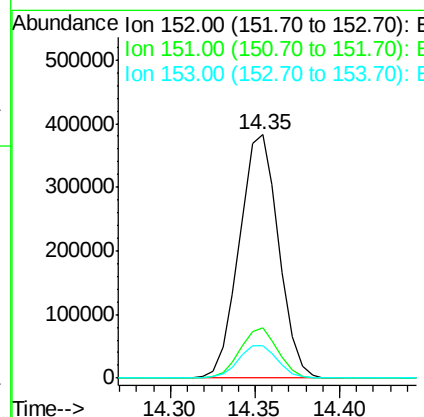
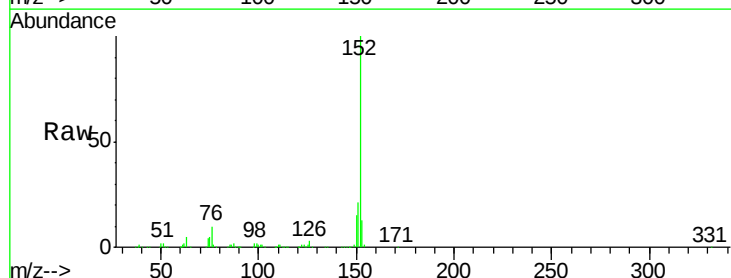
RT: 14.35 min Scan# 1960

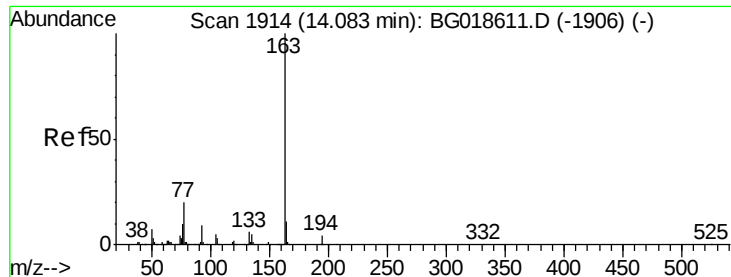
Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.4
153	13.3	10.4	15.6





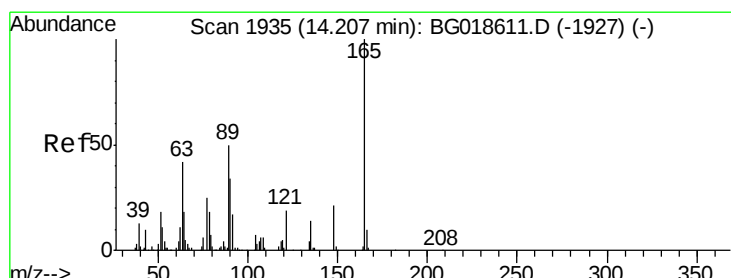
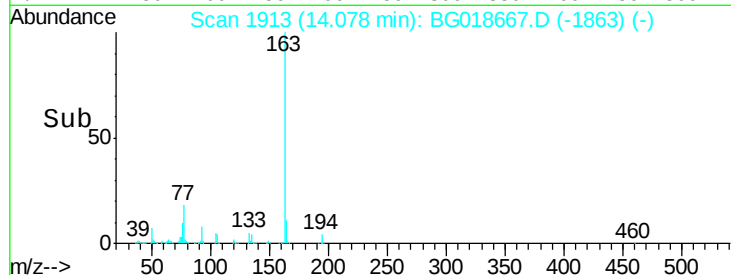
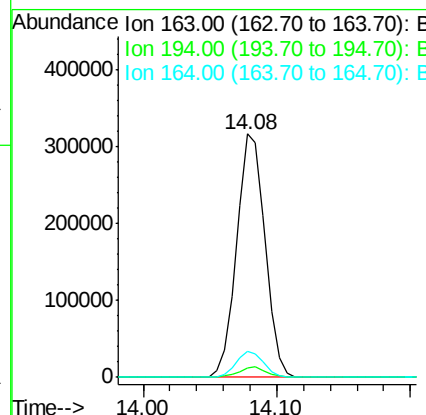
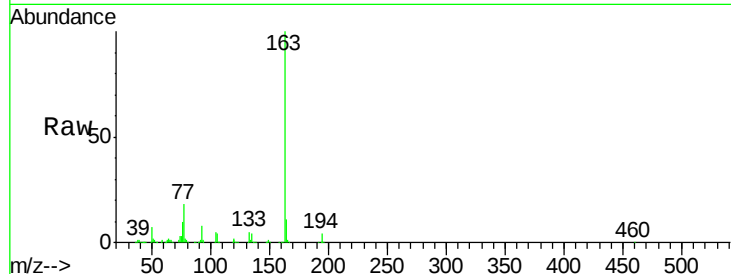
#49
Dimethylphthalate
Concen: 39.71 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	467524		
194	3.7		3.1	4.7
164	10.6		8.8	13.2

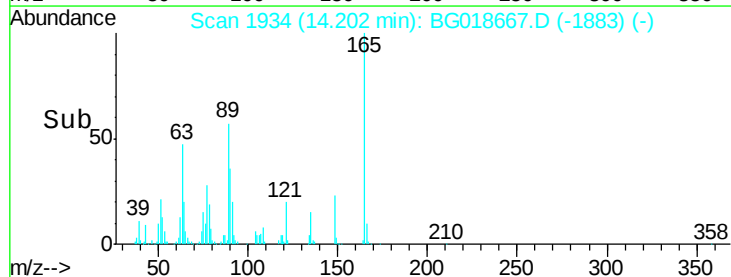
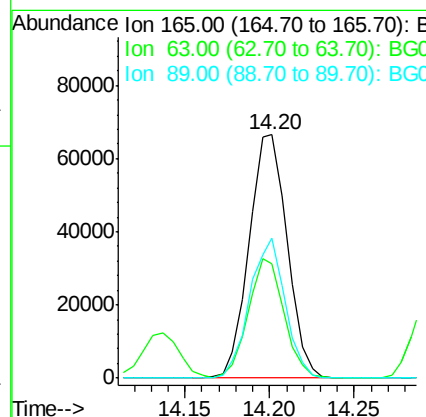
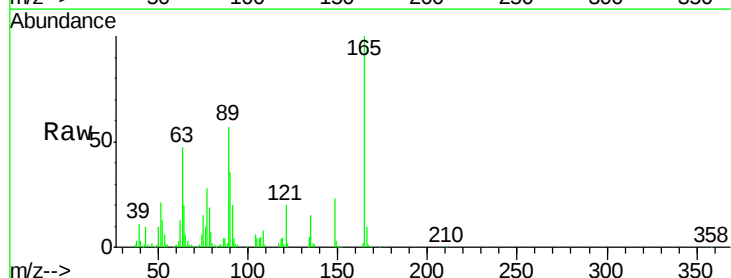
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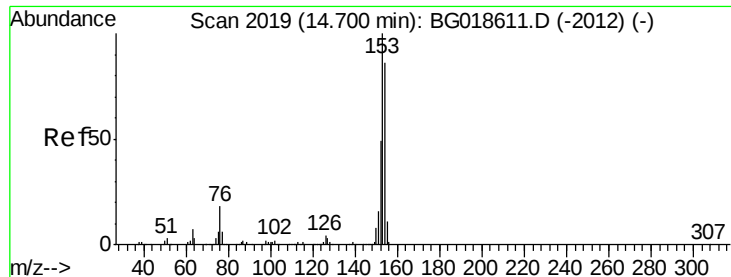
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#50
2,6-Dinitrotoluene
Concen: 40.74 ng
RT: 14.20 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104226		
63	47.1		35.7	53.5
89	57.3		39.7	59.5





#51

Acenaphthene

Concen: 41.24 ng

RT: 14.70 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

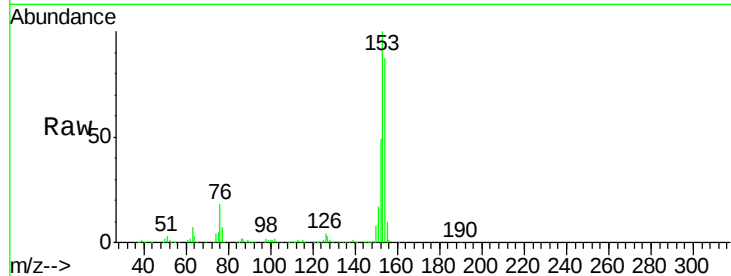
ClientSampleId :

PB85519BS

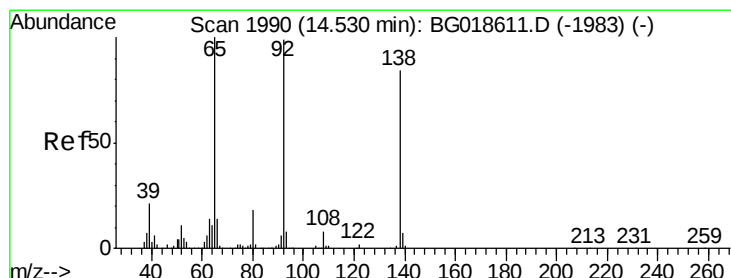
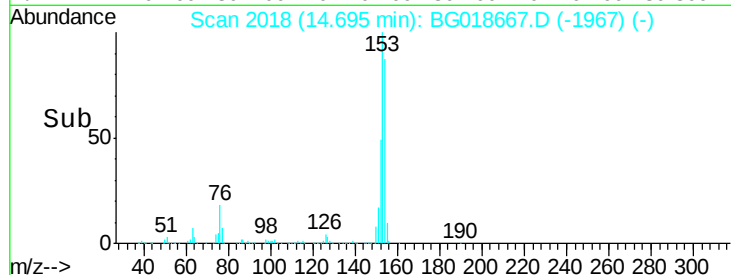
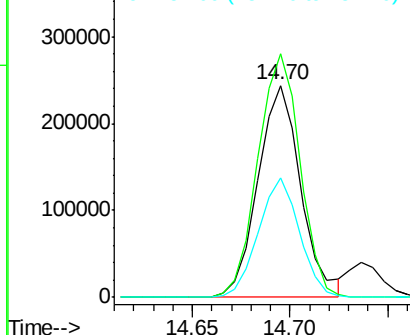
Tgt Ion:	154	Resp:	369450
Ion Ratio	Lower	Upper	
154	100		
153	114.9	92.9	139.3
152	56.7	45.8	68.8

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



#52

3-Nitroaniline

Concen: 22.70 ng

RT: 14.53 min Scan# 1990

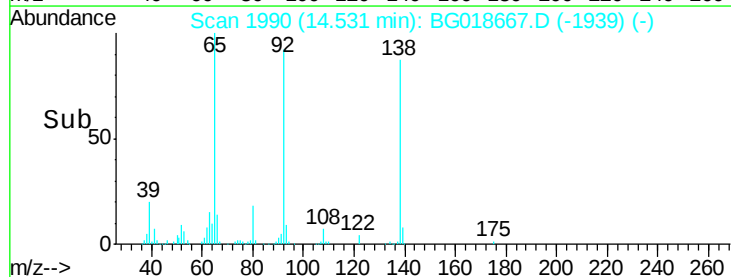
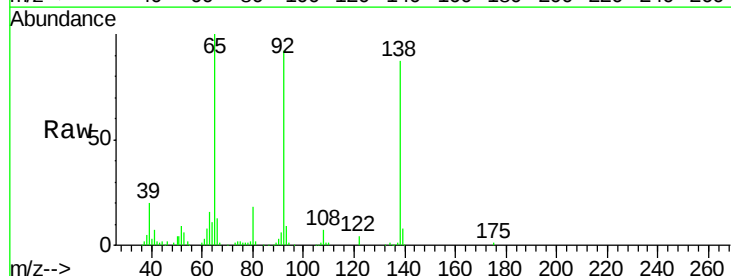
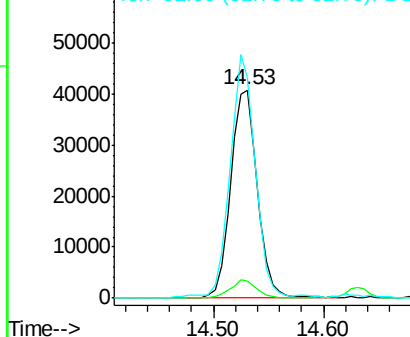
Delta R.T. 0.00 min

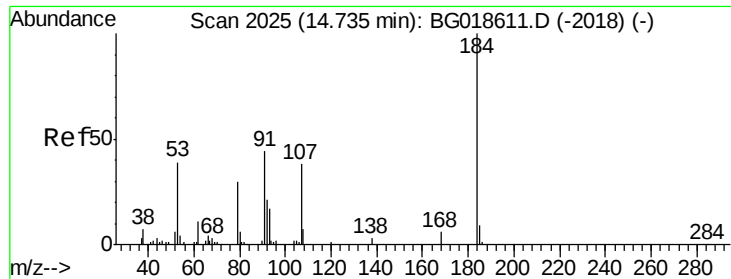
Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion:	138	Resp:	69381
Ion Ratio	Lower	Upper	
138	100		
108	8.1	7.9	11.9
92	105.7	94.2	141.4

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





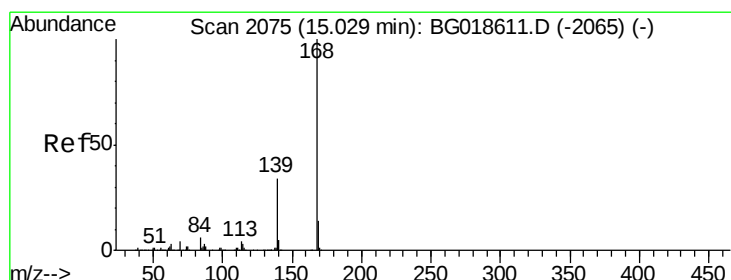
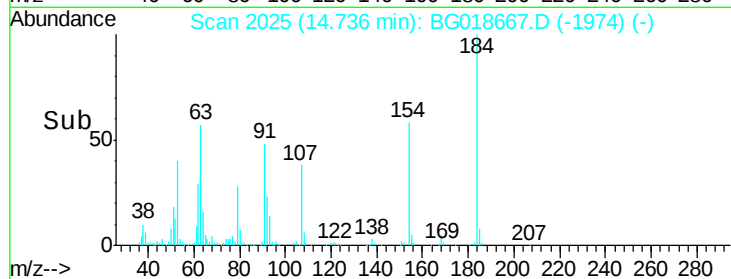
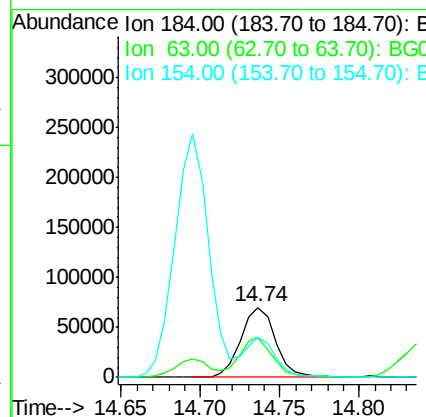
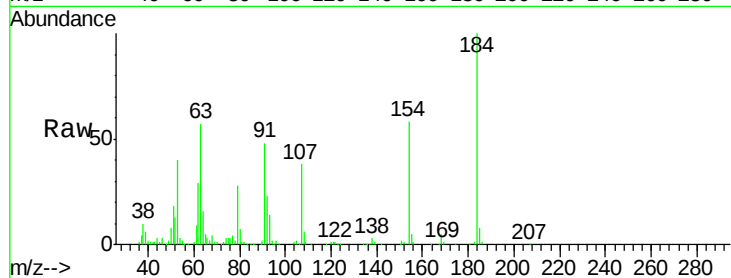
#53
 2,4-Dinitrophenol
 Concen: 82.13 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	106615		
63	57.0	42.7	64.1	
154	57.6	44.3	66.5	

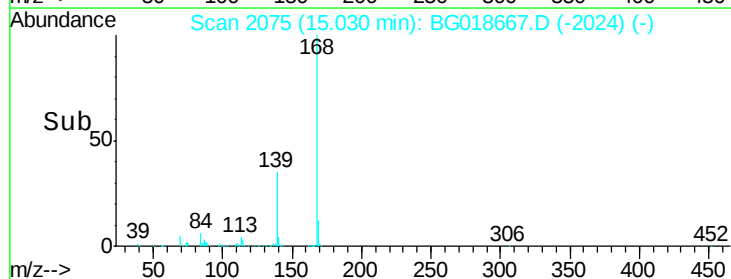
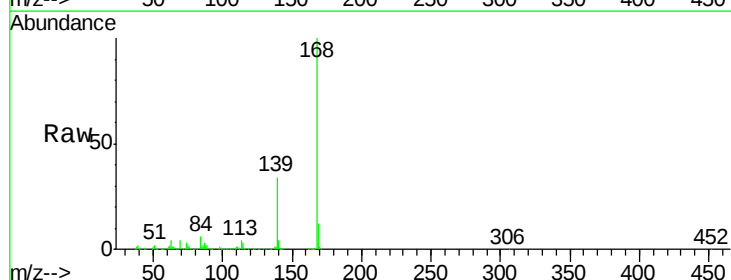
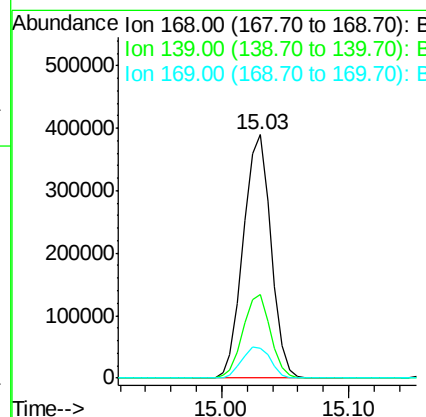
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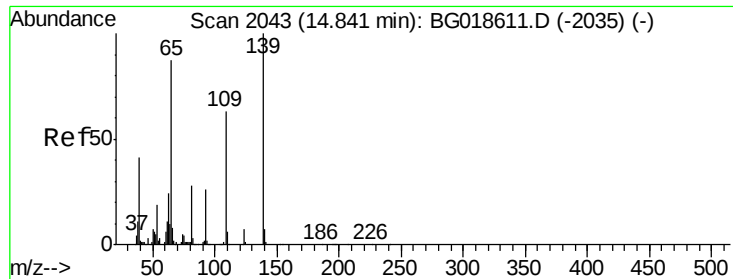
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#54
 Dibenzofuran
 Concen: 42.25 ng
 RT: 15.03 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	588291		
139	34.4	27.4	41.0	
169	12.3	11.0	16.4	





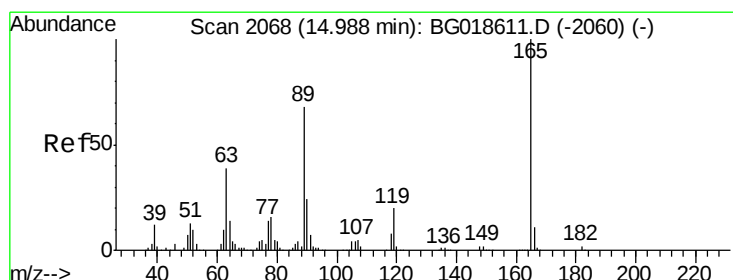
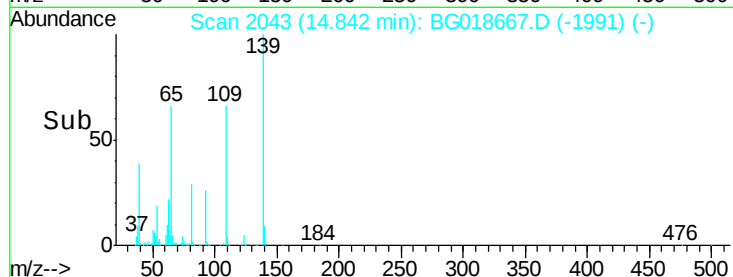
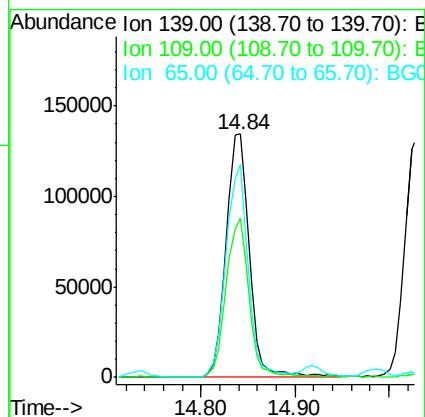
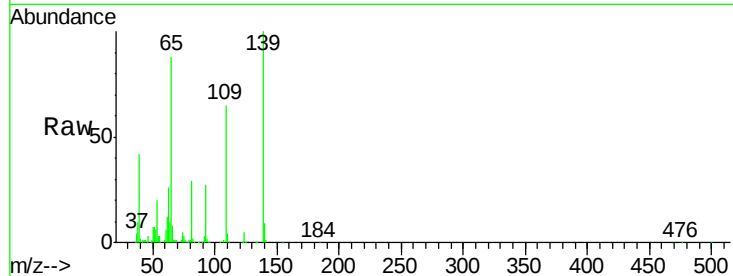
#55
4-Nitrophenol
Concen: 98.75 ng
RT: 14.84 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	233038		
109	65.5	43.2	83.2	
65	87.7	67.8	107.8	

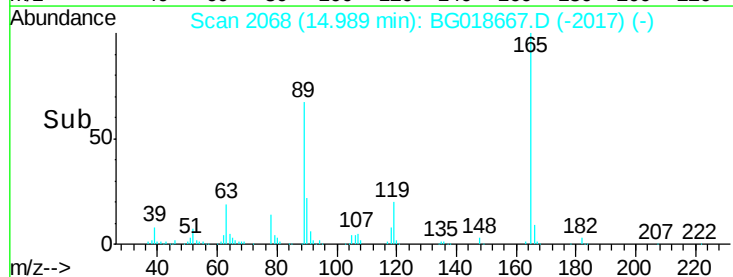
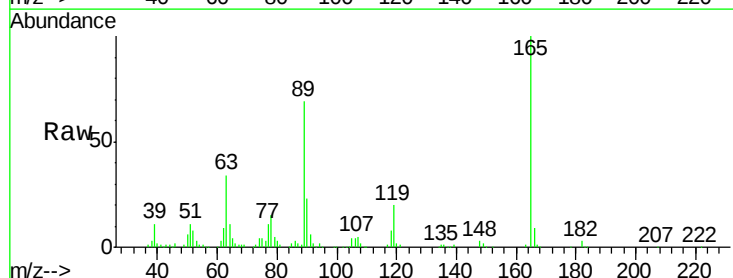
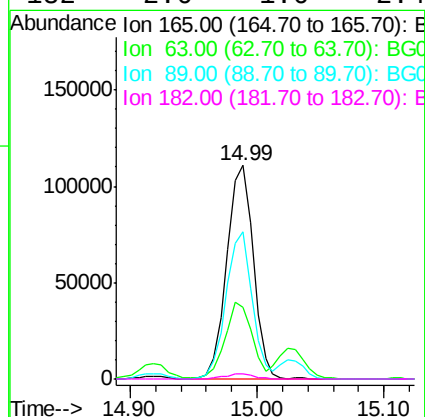
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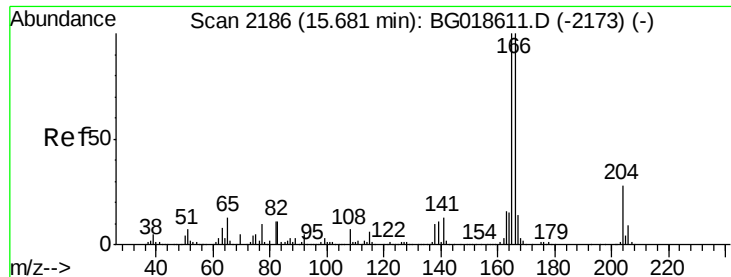
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 44.36 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160941		
63	33.6	31.0	46.4	
89	69.2	54.4	81.6	
182	2.6	1.6	2.4	#





#57

Fluorene

Concen: 40.99 ng

RT: 15.68 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

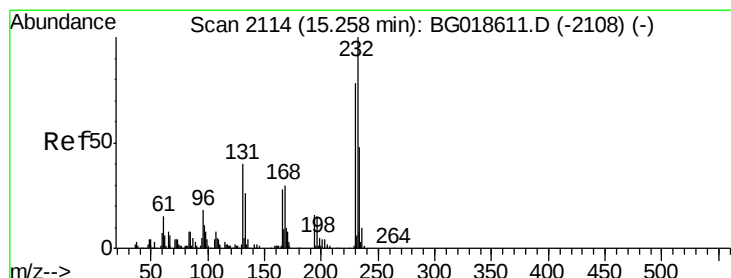
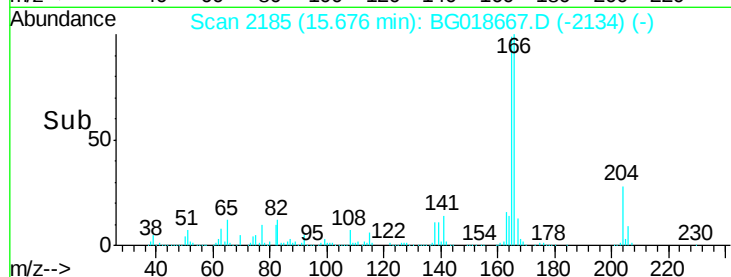
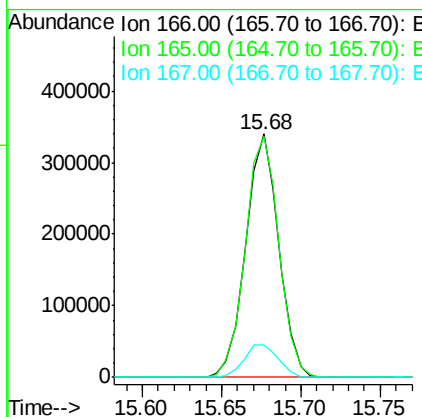
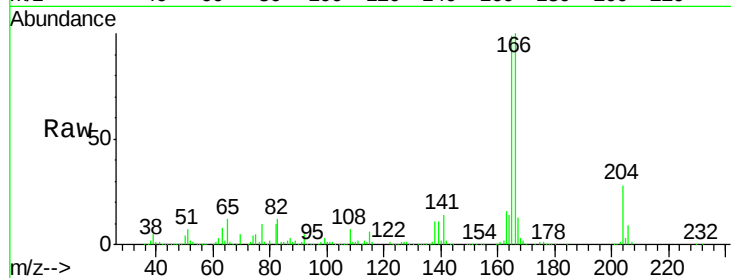
ClientSampleId :

PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	491301		
165	99.1	80.0	120.0	
167	13.1	11.1	16.7	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.28 ng

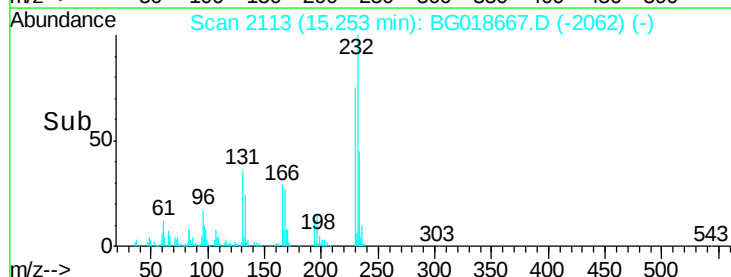
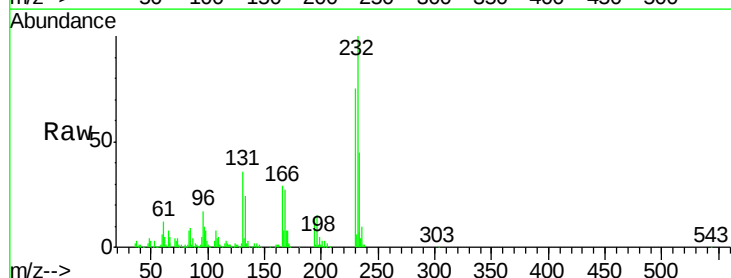
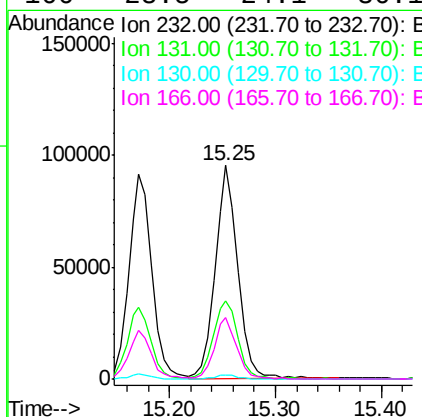
RT: 15.25 min Scan# 2113

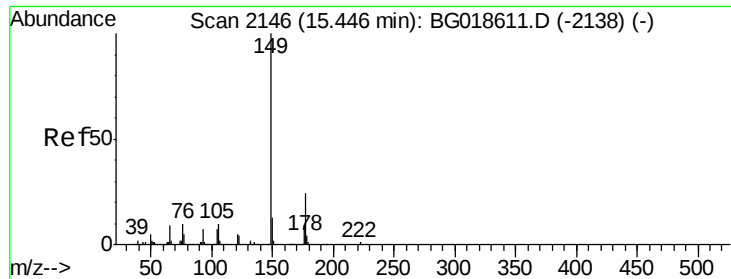
Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	142271		
131	39.3	33.0	49.6	
130	2.0	2.0	3.0	
166	28.5	24.1	36.1	





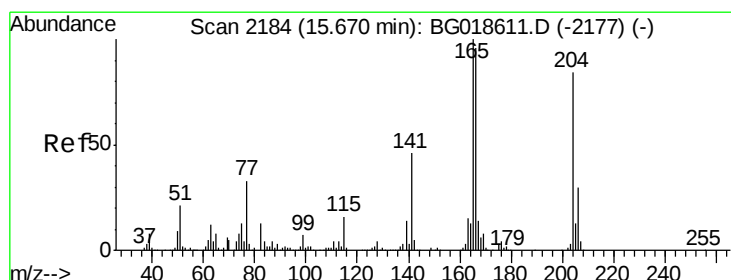
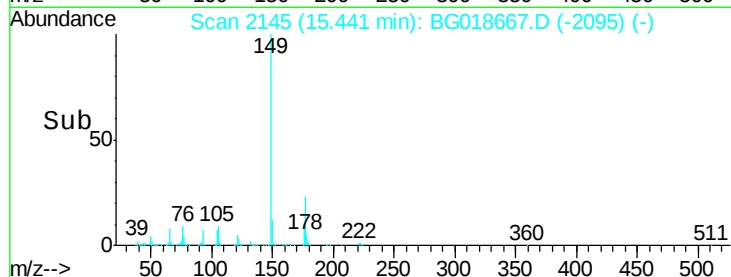
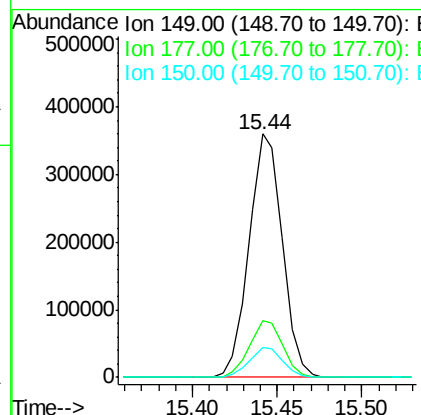
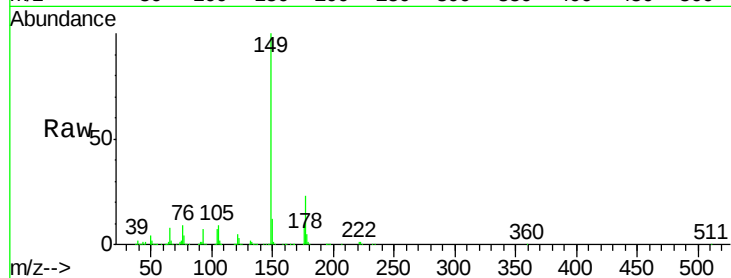
#59
Diethylphthalate
Concen: 40.09 ng
RT: 15.44 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.2	19.6	29.4
150	12.4	10.2	15.2

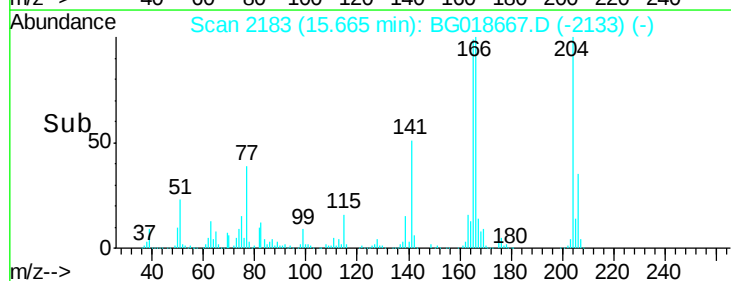
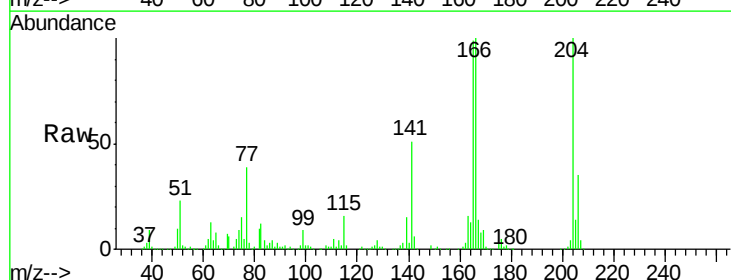
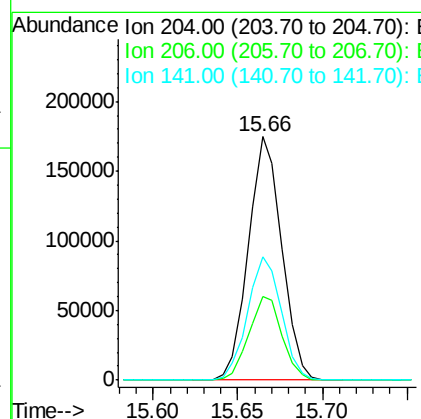
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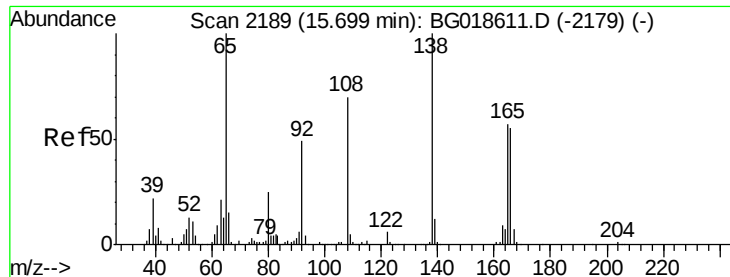
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#60
4-Chlorophenyl-phenylether
Concen: 41.73 ng
RT: 15.66 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.6	28.3	42.5
141	50.8	44.0	66.0





#61

4-Nitroaniline

Concen: 43.96 ng

RT: 15.69 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG018667.D

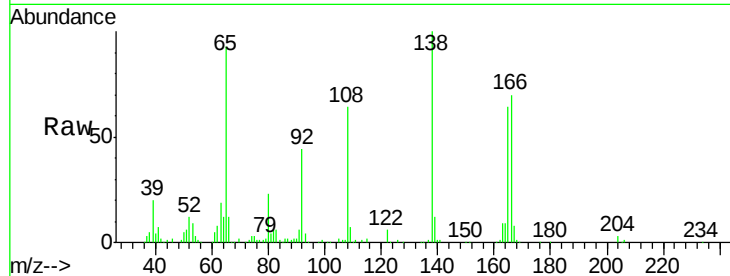
Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

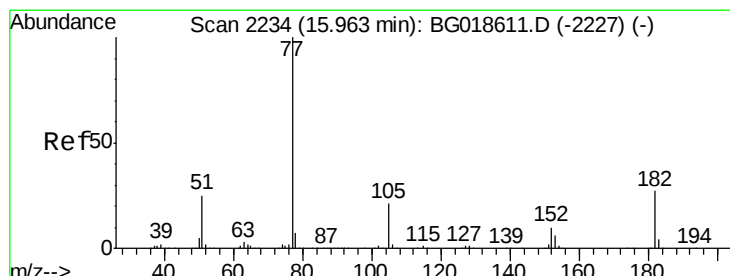
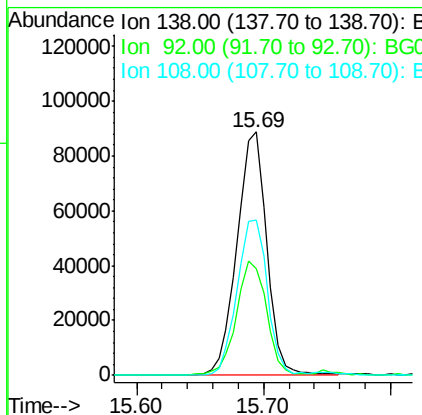
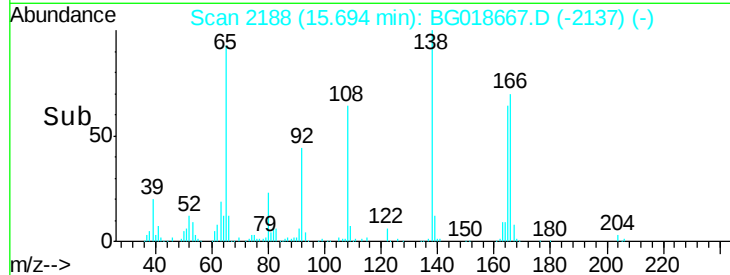
PB85519BS



Tgt Ion:	138	Resp:	144897
Ion Ratio	Lower	Upper	
138	100		
92	43.7	29.1	69.1
108	63.9	49.8	89.8

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#62

Azobenzene

Concen: 41.65 ng

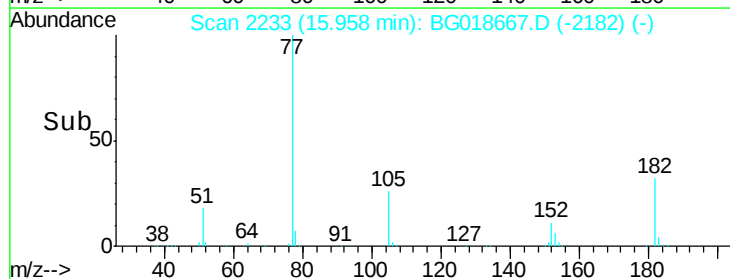
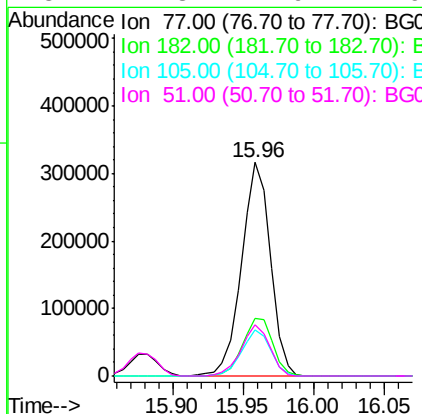
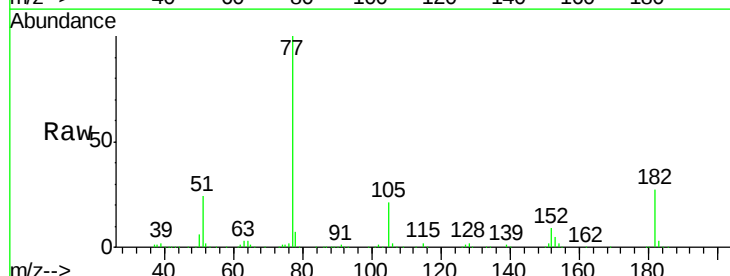
RT: 15.96 min Scan# 2233

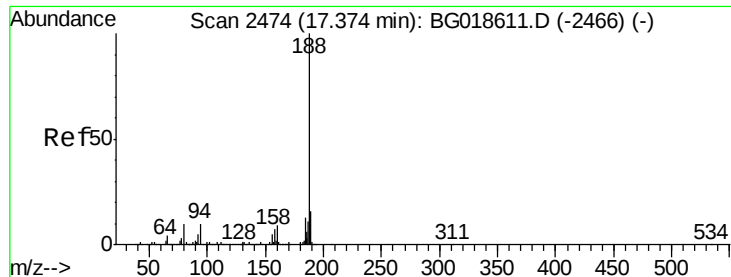
Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion:	77	Resp:	452039
Ion Ratio	Lower	Upper	
77	100		
182	27.0	7.0	47.0
105	21.4	1.4	41.4
51	24.3	4.9	44.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

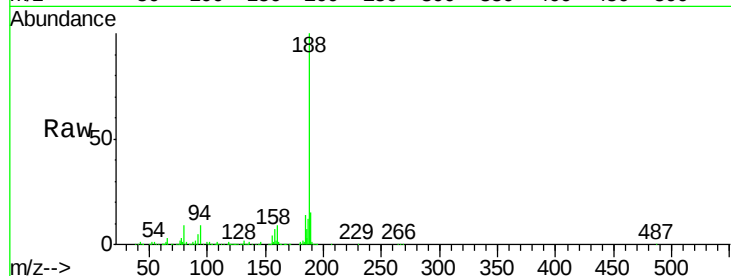
ClientSampleId :

PB85519BS

Tgt	Ion:188	Resp:	406820
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.7	11.5
80	9.2	7.8	11.8

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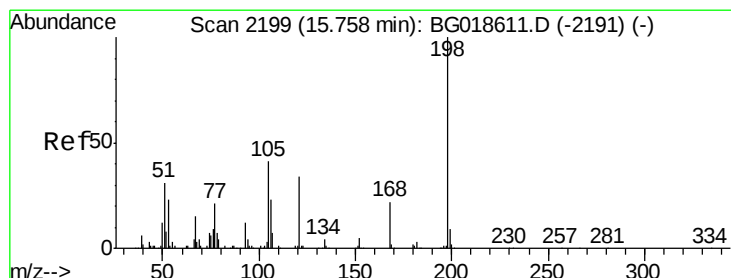
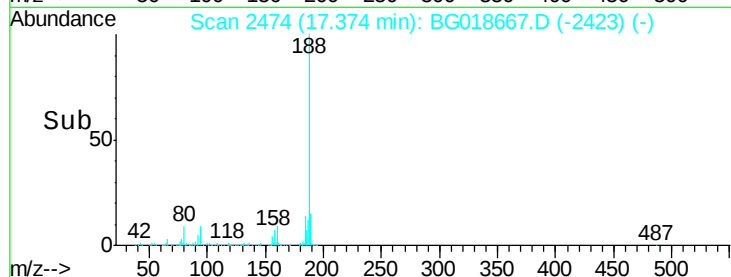
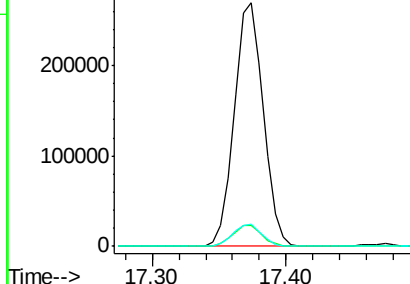
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.85 ng

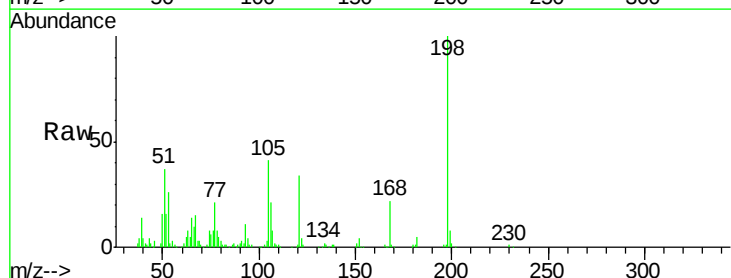
RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

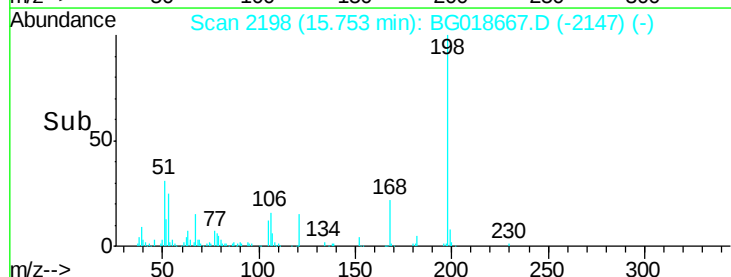
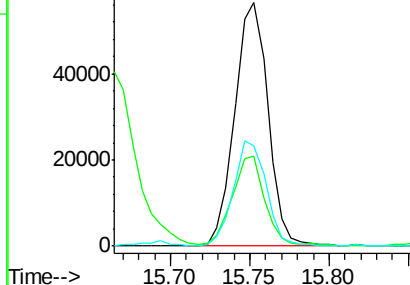
Tgt	Ion:198	Resp:	82635
Ion	Ratio	Lower	Upper
198	100		
51	37.0	14.2	54.2
105	41.1	21.1	61.1

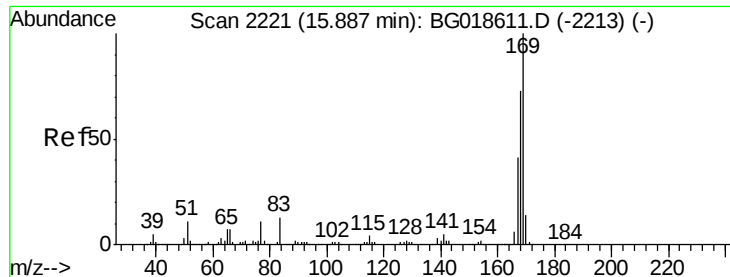


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





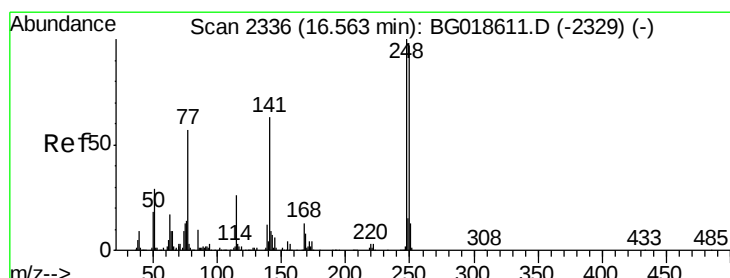
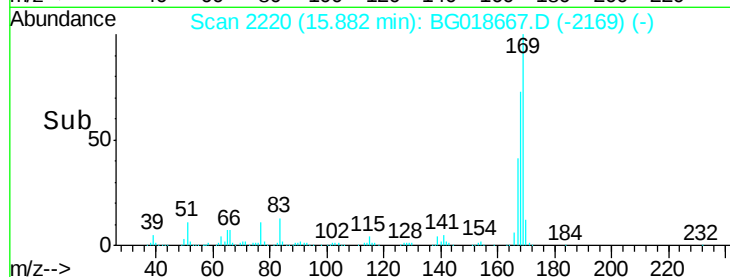
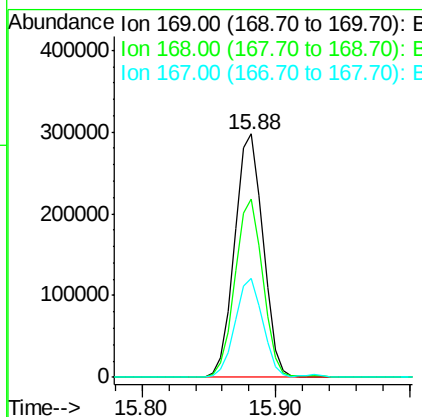
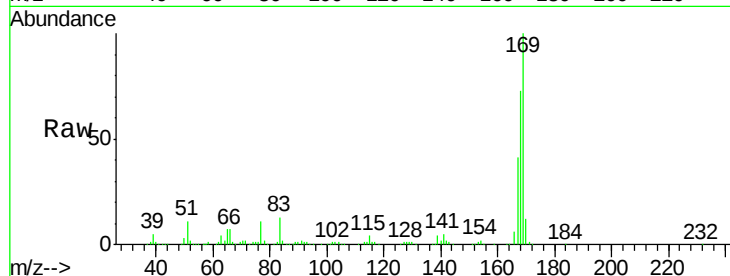
#65
 n-Nitrosodiphenylamine
 Concen: 37.43 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

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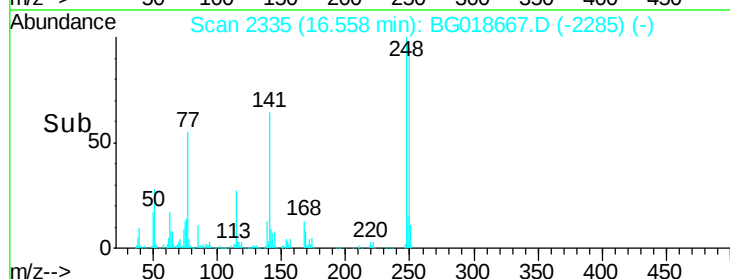
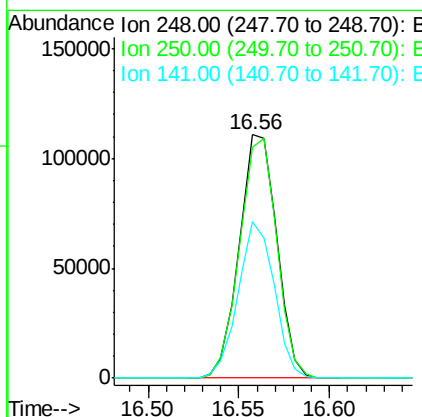
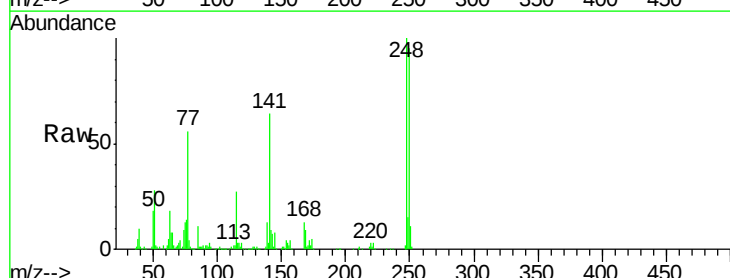
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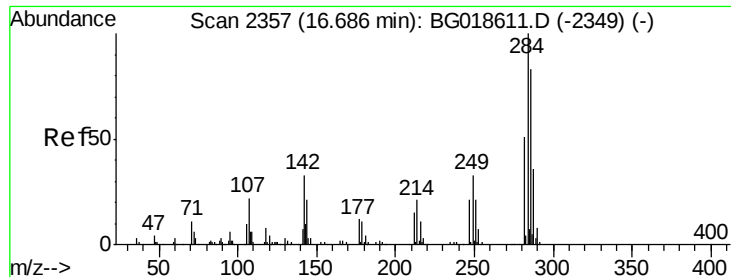
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	441011		
168	73.1	58.2	87.2	
167	40.5	32.7	49.1	



#66
 4-Bromophenyl-phenylether
 Concen: 38.74 ng
 RT: 16.56 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	160277		
250	95.0	77.8	116.8	
141	64.5	50.4	75.6	





#67

Hexachlorobenzene

Concen: 40.46 ng

RT: 16.68 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG018667.D

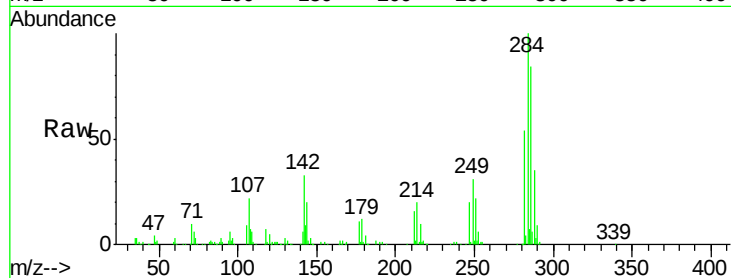
Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

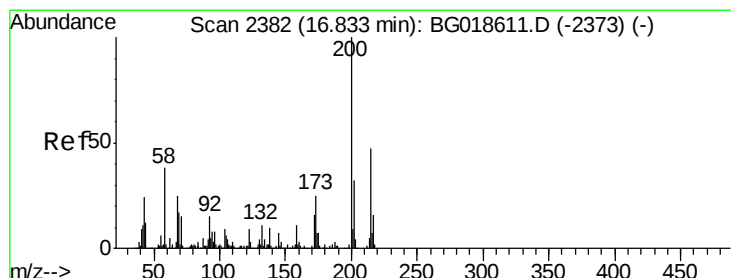
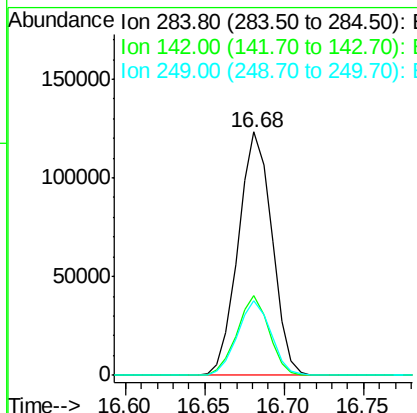
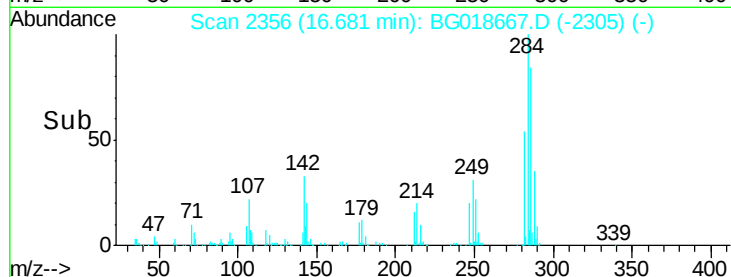
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Tgt Ion	Ratio	Resp	Lower	Upper
284	100	181890		
142	32.8	26.6	39.8	
249	30.7	26.2	39.2	

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#68

Atrazine

Concen: 43.38 ng

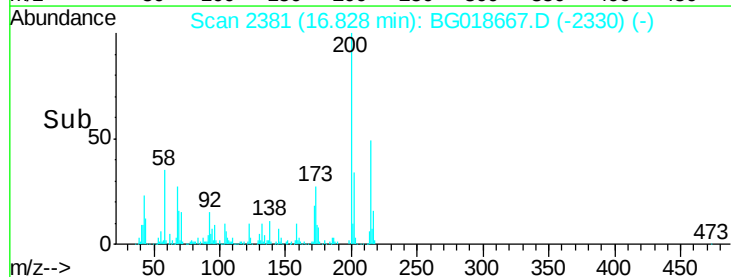
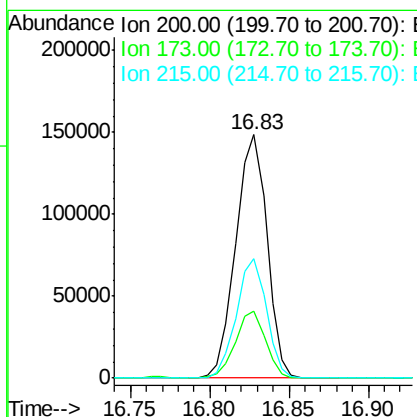
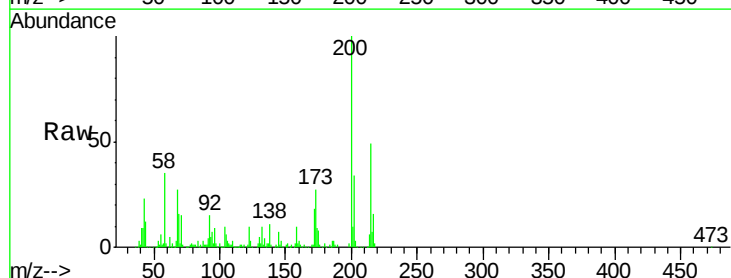
RT: 16.83 min Scan# 2381

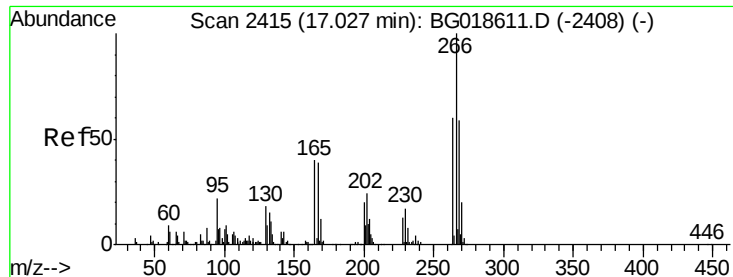
Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	203250		
173	27.3	5.2	45.2	
215	49.2	27.0	67.0	





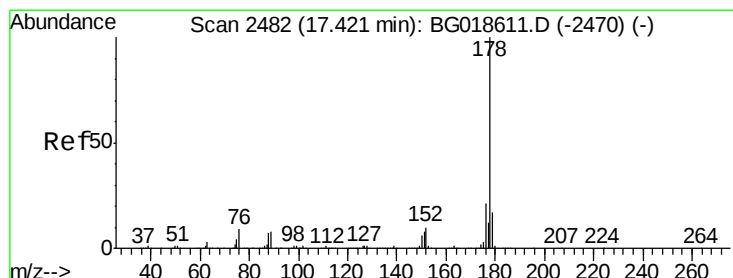
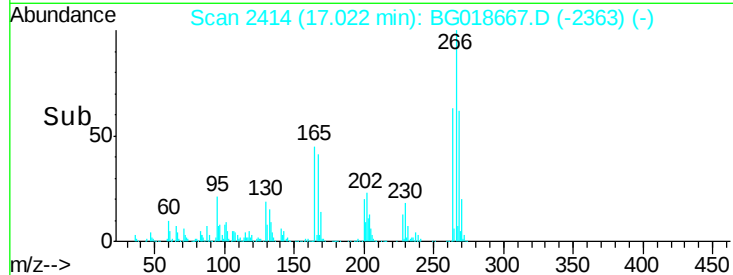
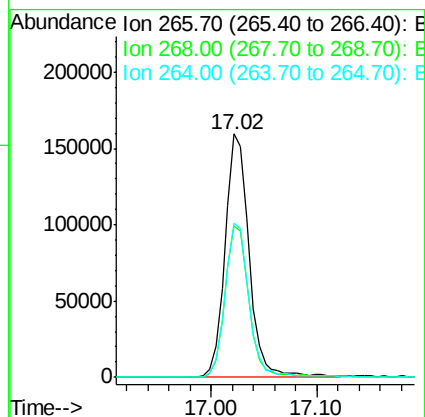
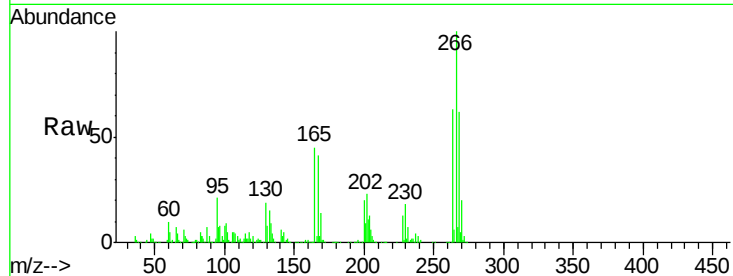
#69
 Pentachlorophenol
 Concen: 90.68 ng
 RT: 17.02 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt	Ion	266	Resp:	251387
Ion	Ratio	Lower	Upper	
266	100			
268	62.4	47.6	71.4	
264	63.4	48.1	72.1	

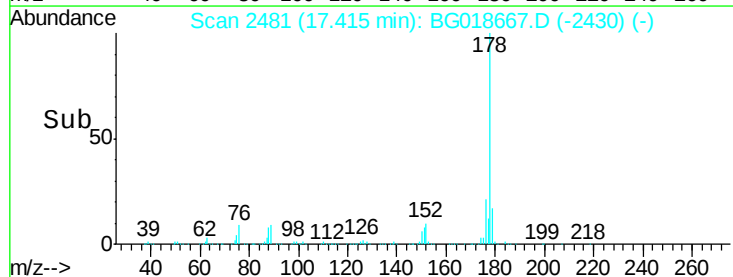
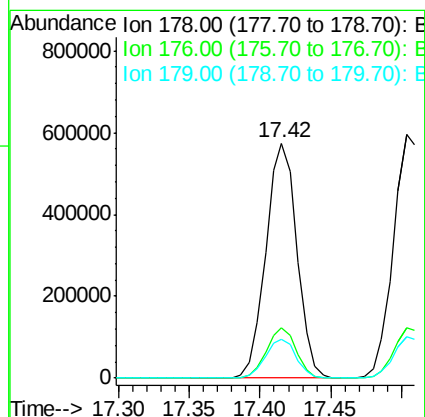
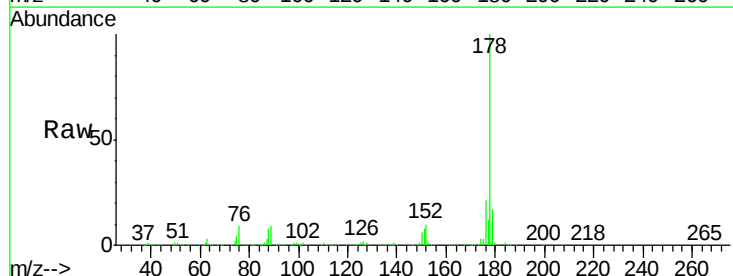
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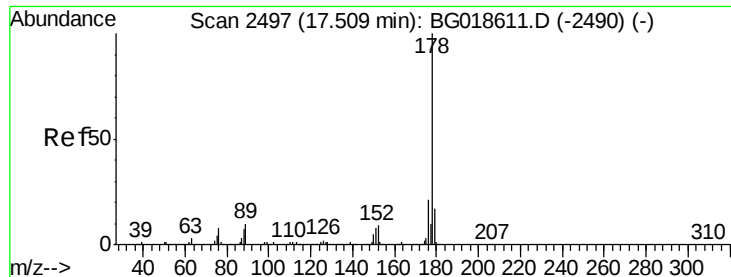
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#70
 Phenanthrene
 Concen: 41.41 ng
 RT: 17.42 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt	Ion	178	Resp:	886092
Ion	Ratio	Lower	Upper	
178	100			
176	21.2	16.7	25.1	
179	16.7	13.9	20.9	





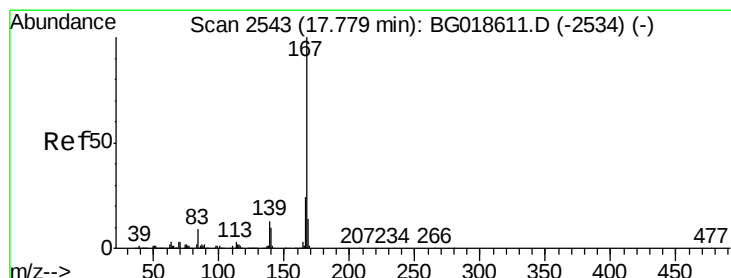
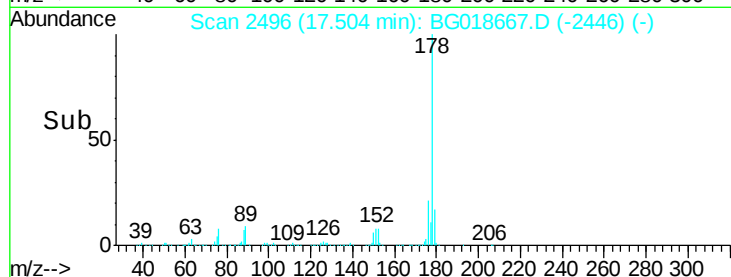
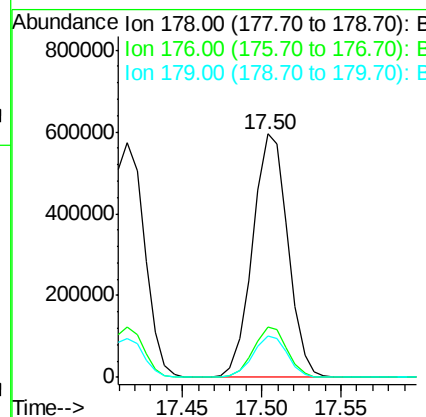
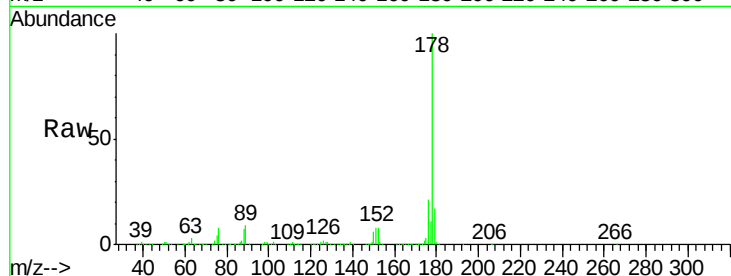
#71
 Anthracene
 Concen: 42.28 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	916151		
176	20.7	16.8	25.2	
179	17.1	13.9	20.9	

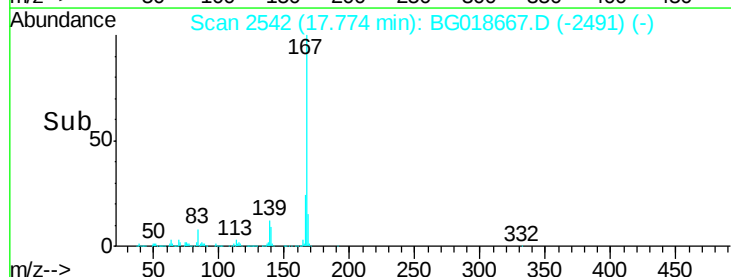
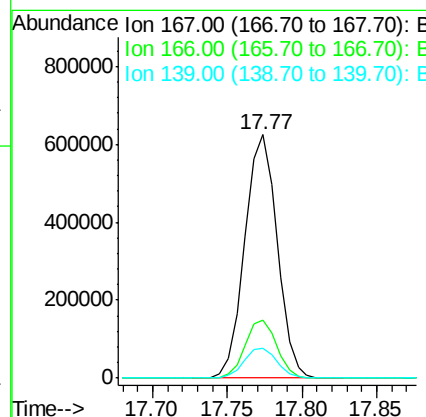
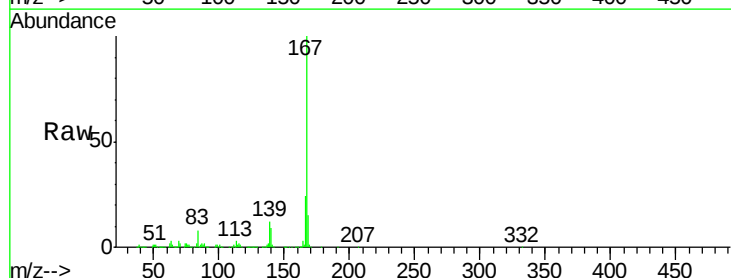
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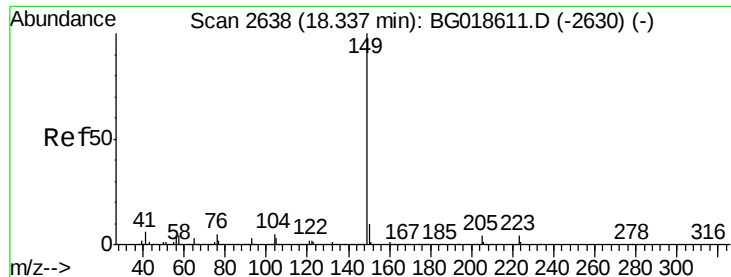
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#72
 Carbazole
 Concen: 44.87 ng
 RT: 17.77 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	940944		
166	23.9	19.0	28.6	
139	12.2	10.2	15.4	





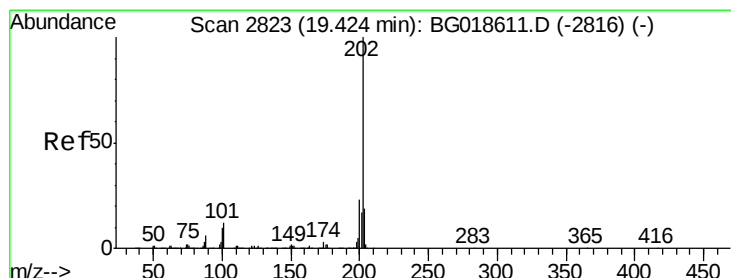
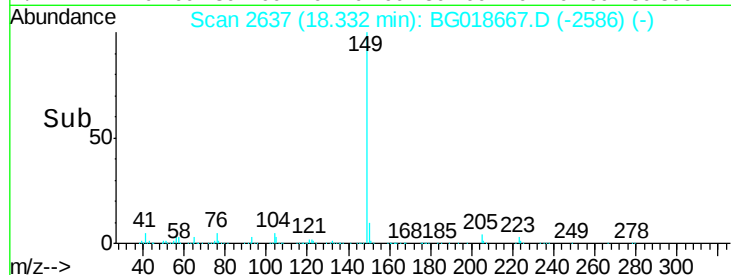
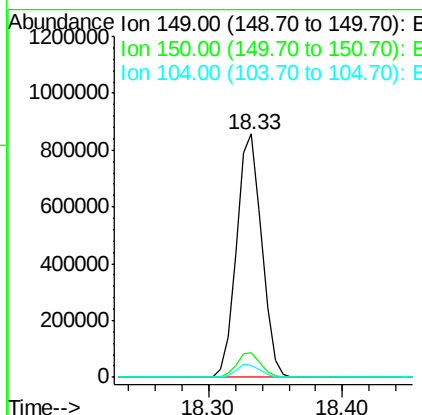
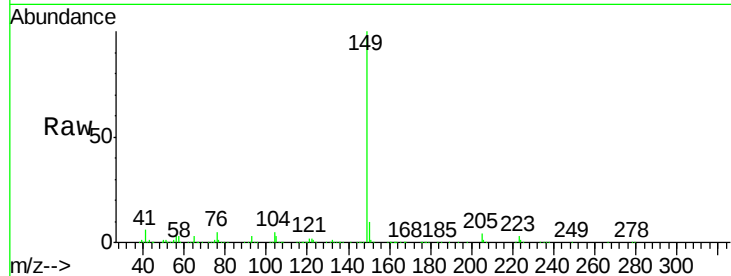
#73
Di-n-butylphthalate
Concen: 45.07 ng
RT: 18.33 min Scan# 2637
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.4
104	5.1	4.4	6.6

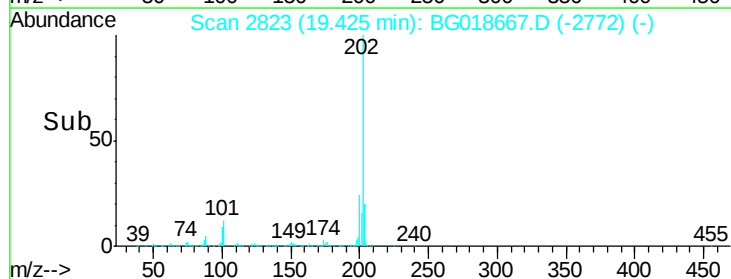
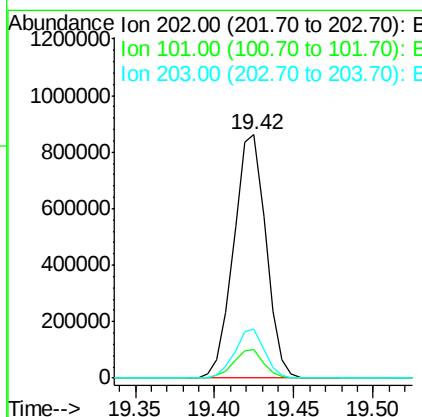
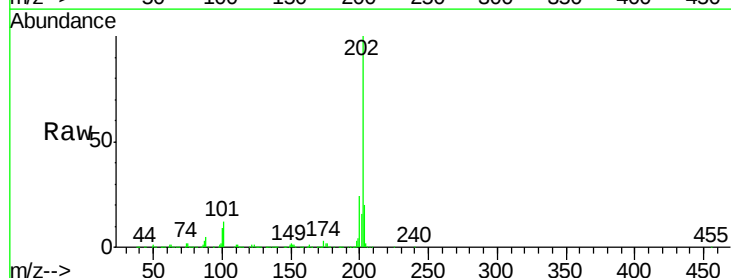
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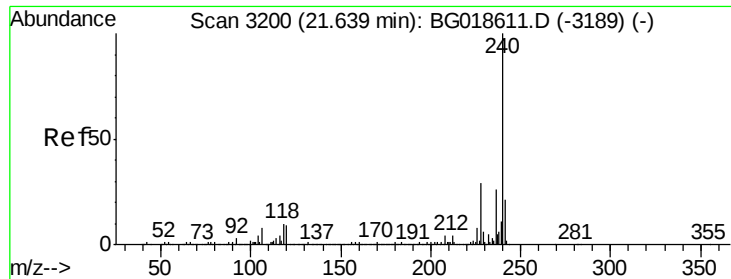
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#74
Fluoranthene
Concen: 45.88 ng
RT: 19.42 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.4
203	19.9	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

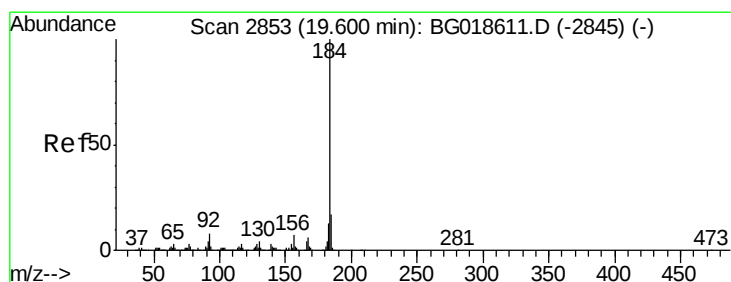
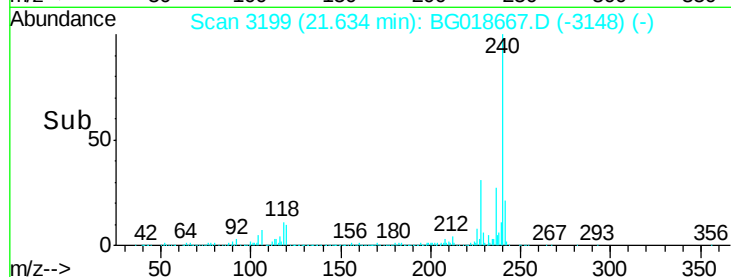
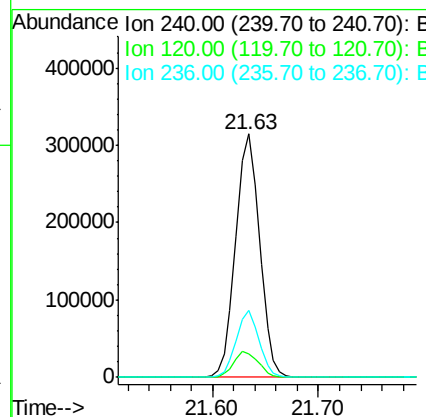
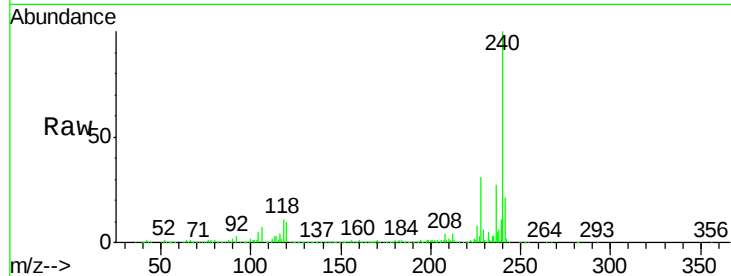
ClientSampleId :

PB85519BS

Tgt Ion:	240	Resp:	493470
Ion Ratio	Lower	Upper	
240	100		
120	9.8	7.4	11.0
236	27.5	20.7	31.1

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#76

Benzidine

Concen: 28.53 ng

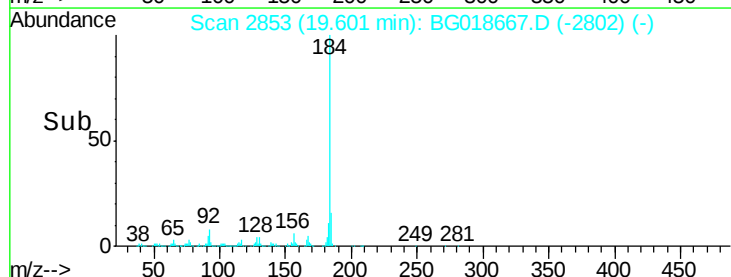
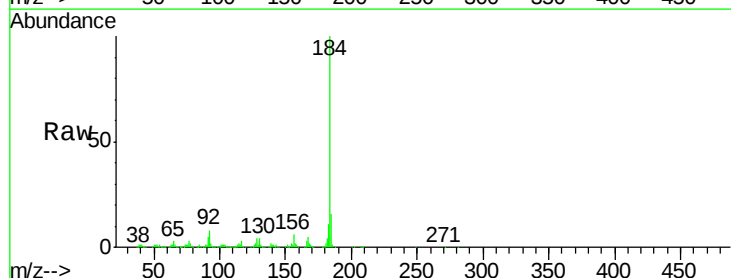
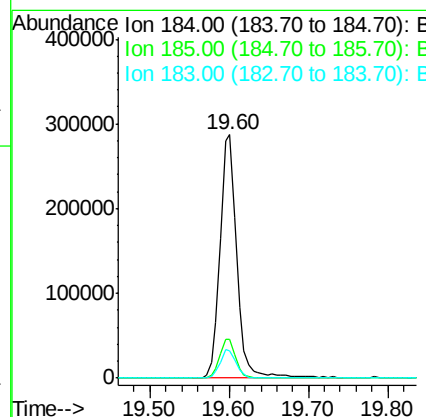
RT: 19.60 min Scan# 2853

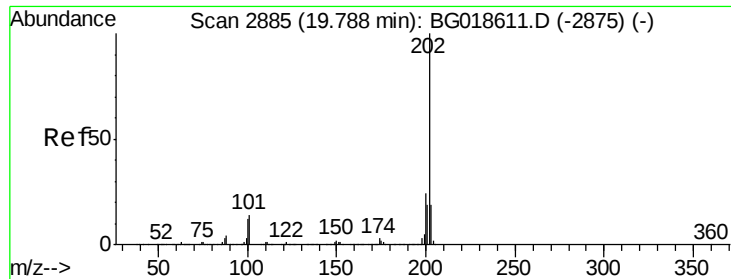
Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion:	184	Resp:	422803
Ion Ratio	Lower	Upper	
184	100		
185	16.0	13.4	20.2
183	11.5	10.1	15.1





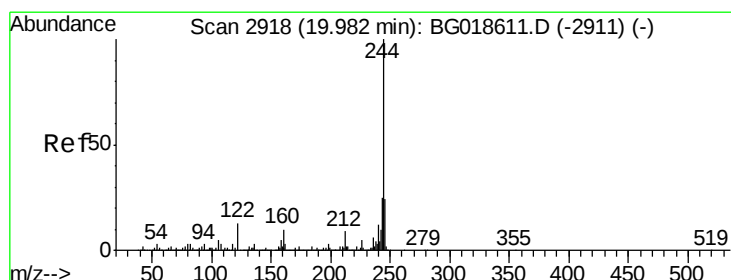
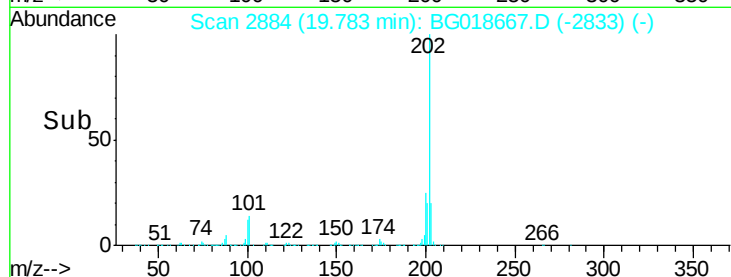
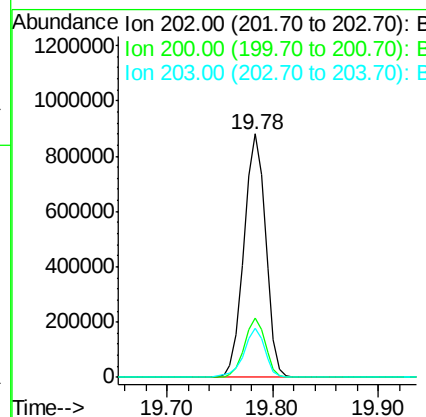
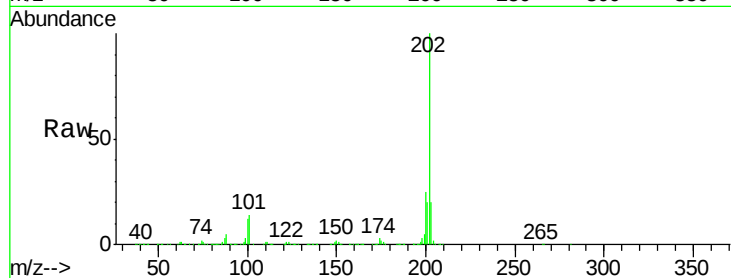
#77
Pyrene
Concen: 41.26 ng
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.6	19.4	29.0
203	20.4	15.5	23.3

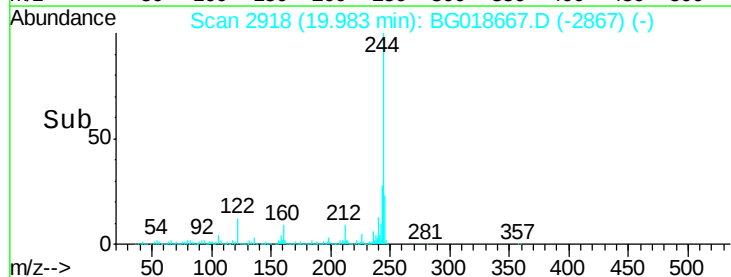
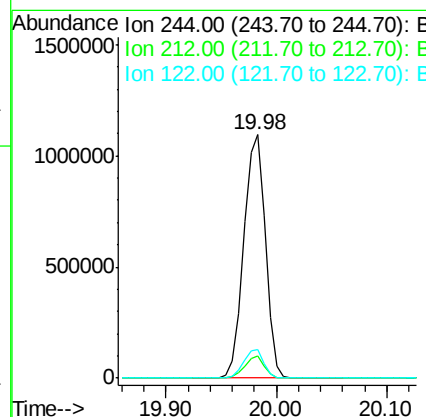
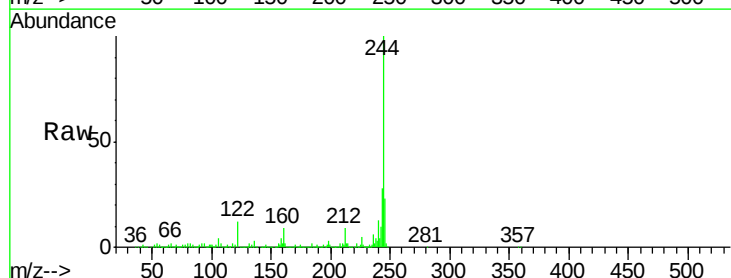
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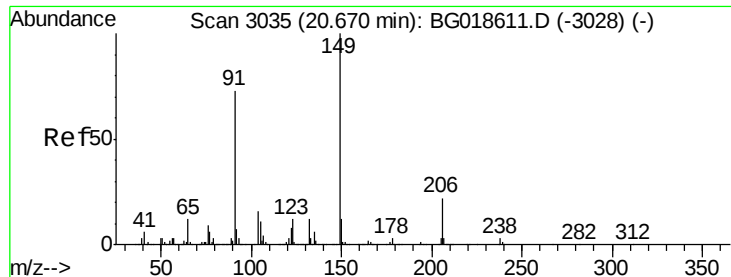
MMDadoda
9/15/2015 1:34:07 PM



#78
Terphenyl-d14
Concen: 80.37 ng
RT: 19.98 min Scan# 2918
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	11.5	10.2	15.2





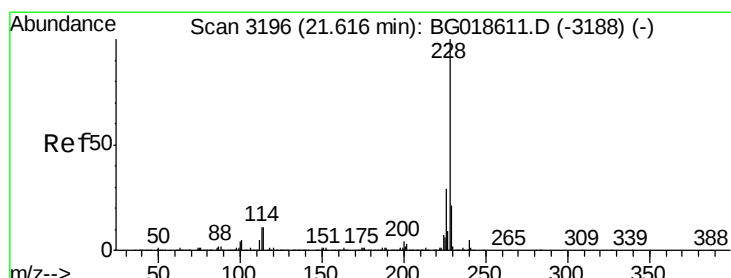
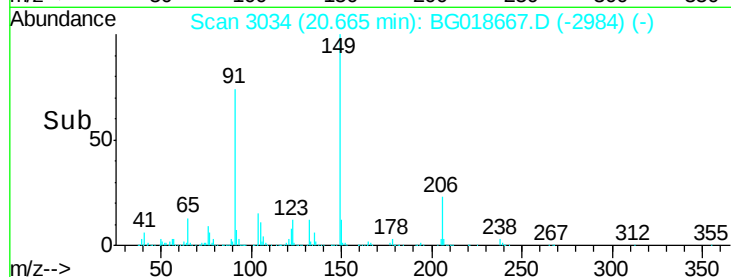
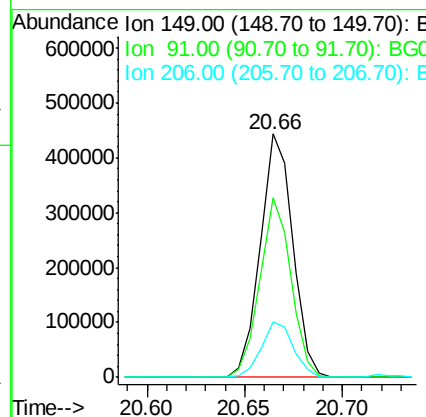
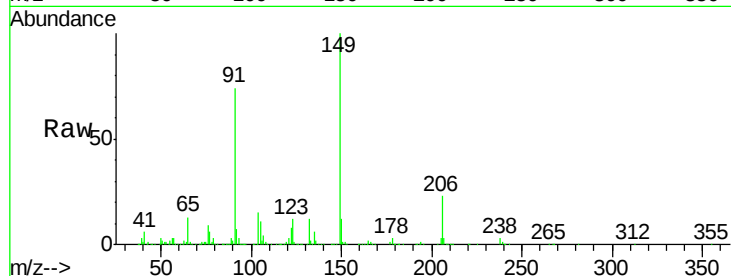
#79
Butylbenzylphthalate
Concen: 41.40 ng
RT: 20.66 min Scan# 3034
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	510452		
91	74.0	58.1	87.1	
206	22.7	17.8	26.8	

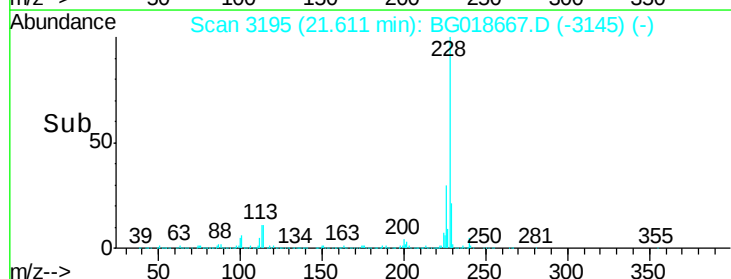
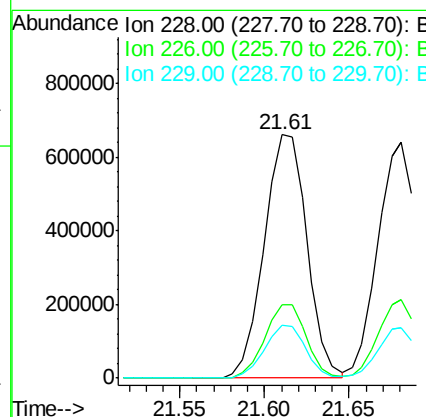
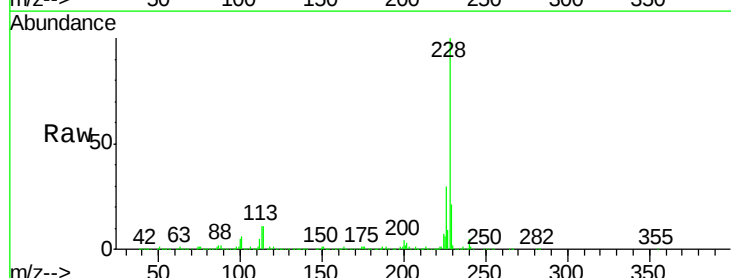
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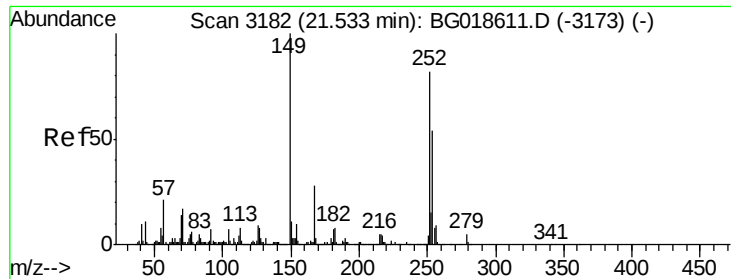
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#80
Benzo(a)anthracene
Concen: 40.91 ng
RT: 21.61 min Scan# 3195
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1162187		
226	29.9	23.4	35.0	
229	21.5	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 24.02 ng

RT: 21.53 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

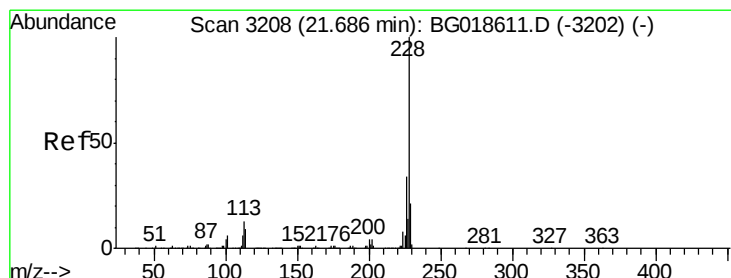
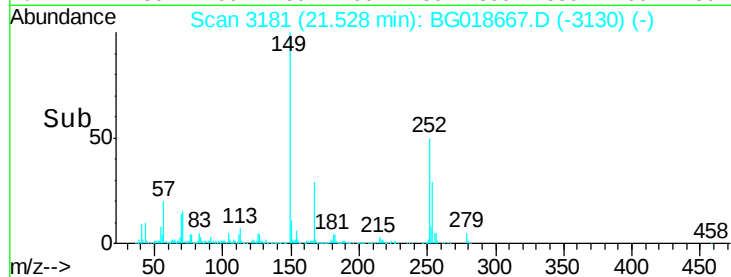
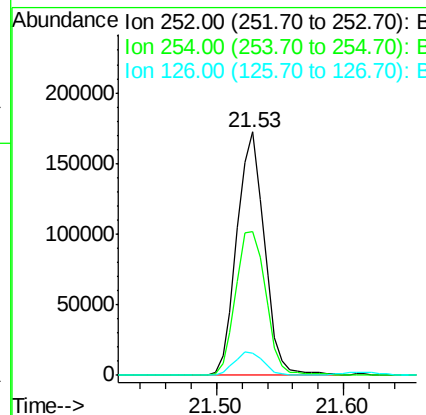
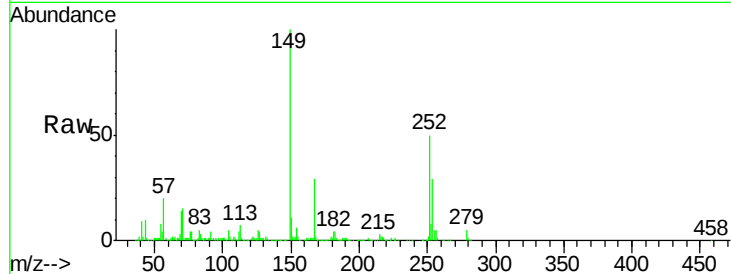
ClientSampleId :

PB85519BS

Tgt Ion:	252	Resp:	259239
Ion Ratio	Lower	Upper	
252	100		
254	59.1	52.5	78.7
126	9.4	8.5	12.7

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#82

Chrysene

Concen: 39.32 ng

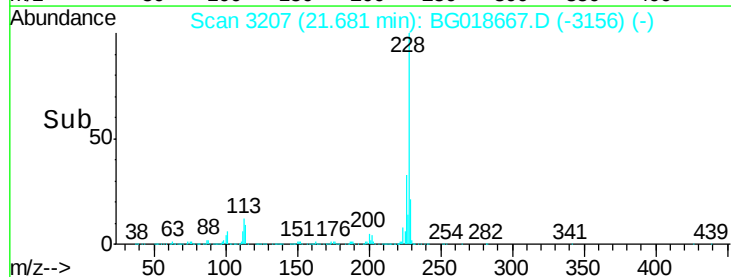
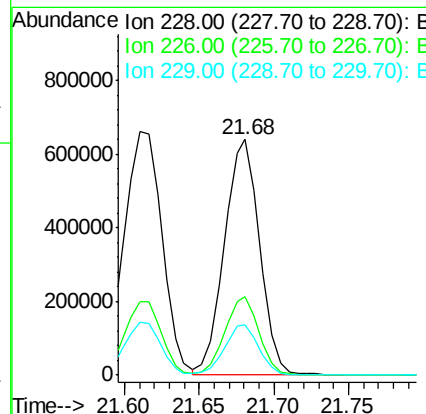
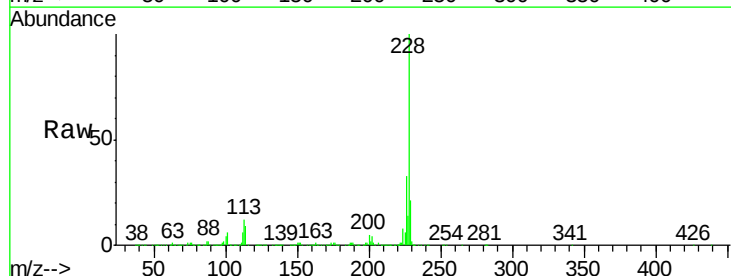
RT: 21.68 min Scan# 3207

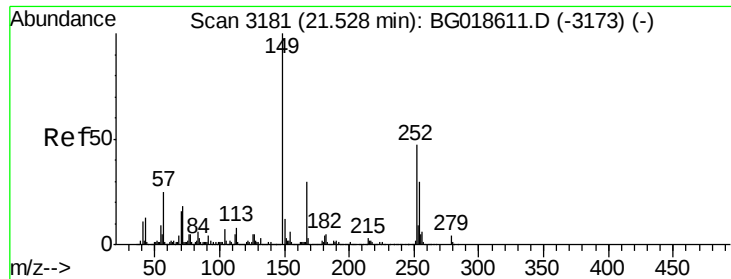
Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion:	228	Resp:	1051999
Ion Ratio	Lower	Upper	
228	100		
226	33.1	26.7	40.1
229	21.5	17.0	25.6





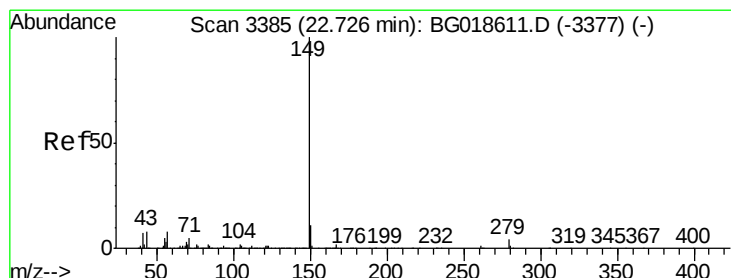
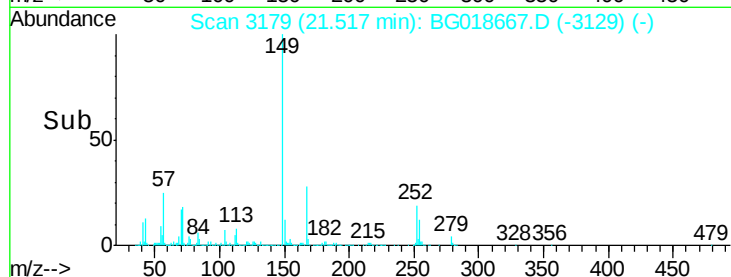
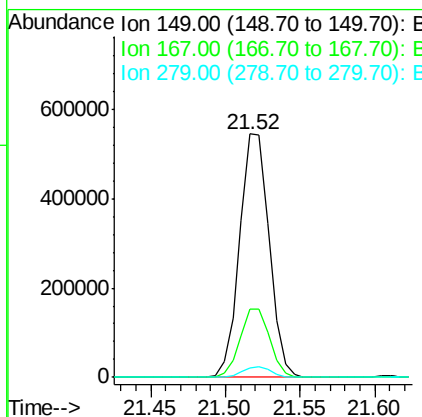
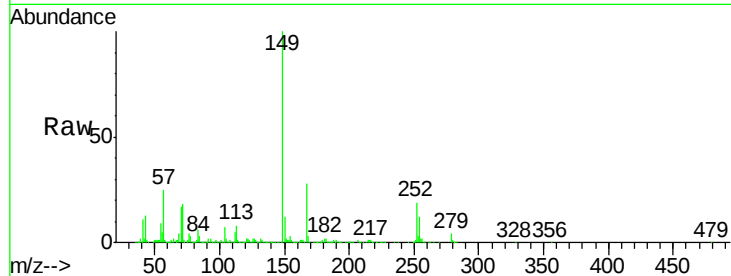
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.15 ng
 RT: 21.52 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.1	23.8	35.8
279	3.8	3.4	5.2

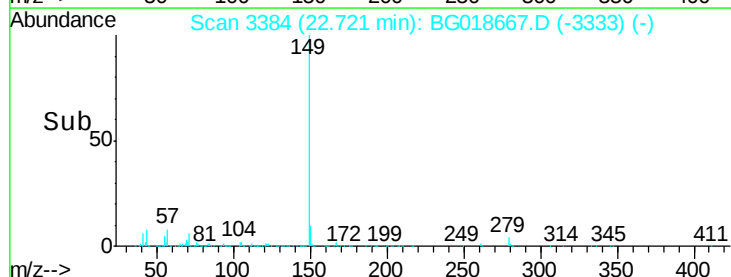
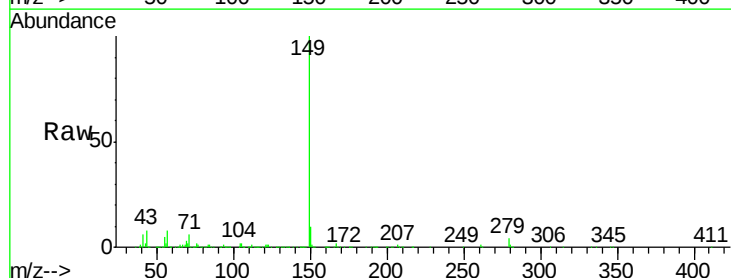
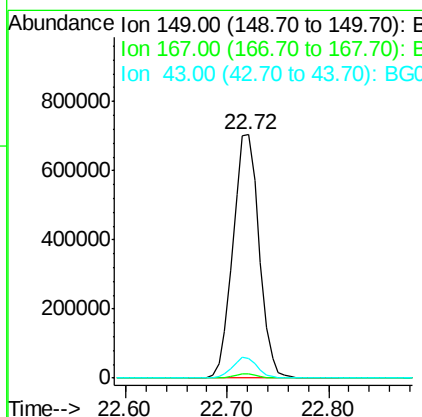
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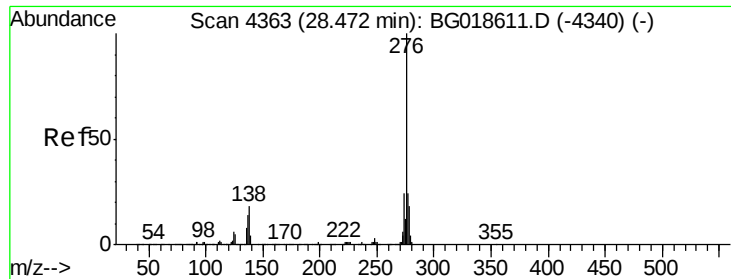
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#84
 Di-n-octyl phthalate
 Concen: 41.96 ng
 RT: 22.72 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	7.9	5.9	8.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.88 ng

RT: 28.45 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG018667.D

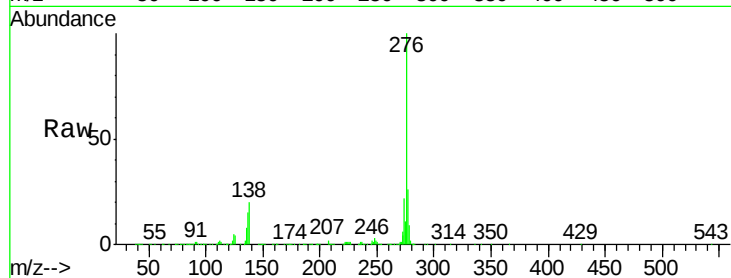
Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS



Tgt Ion: 276 Resp: 1388745

Ion Ratio Lower Upper

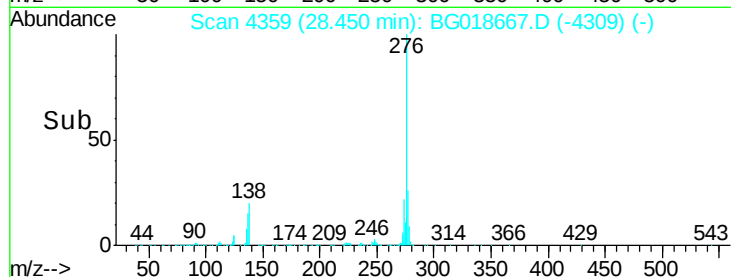
276 100

138 8.8 0.0 0.0#

277 25.3 0.0 0.0#

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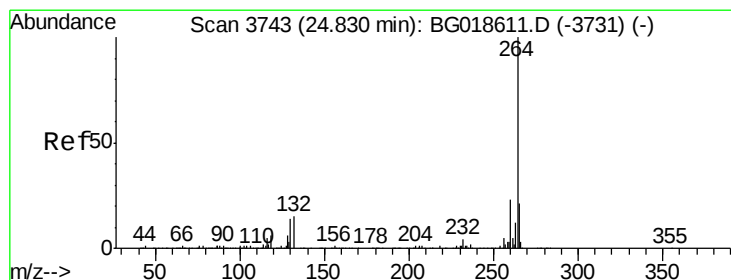
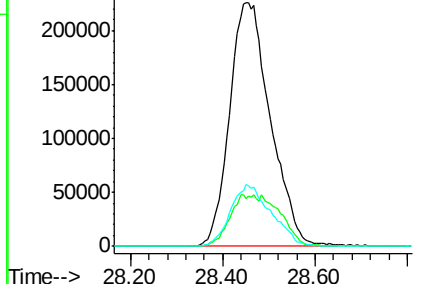
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.82 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

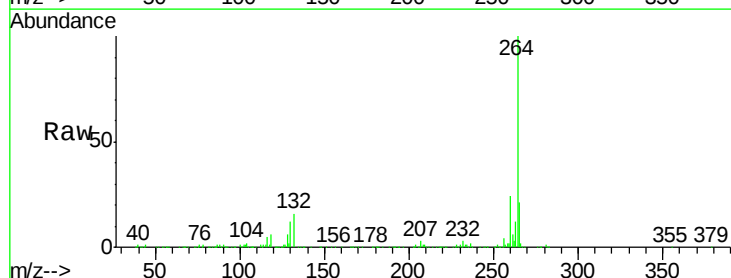
Tgt Ion: 264 Resp: 502194

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

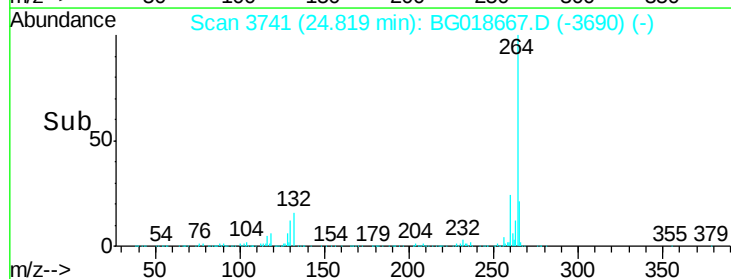
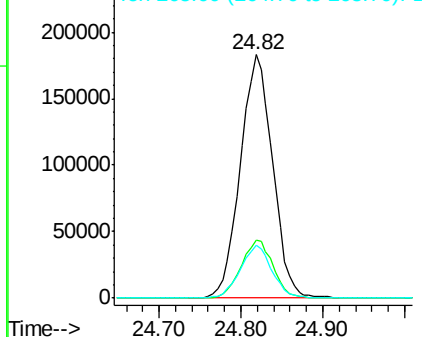
265 21.5 17.2 25.8

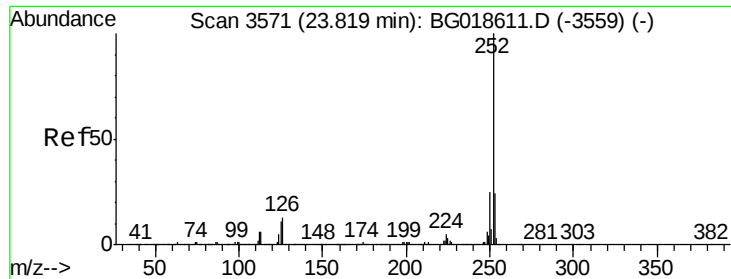


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.06 ng

RT: 23.81 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

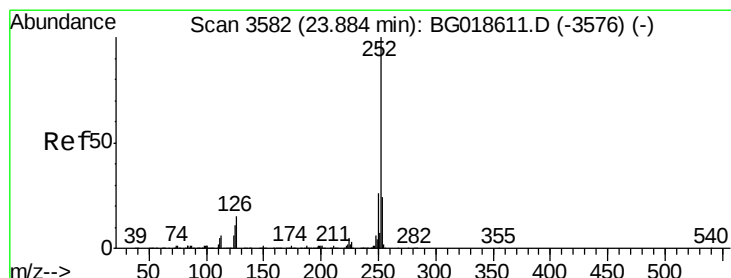
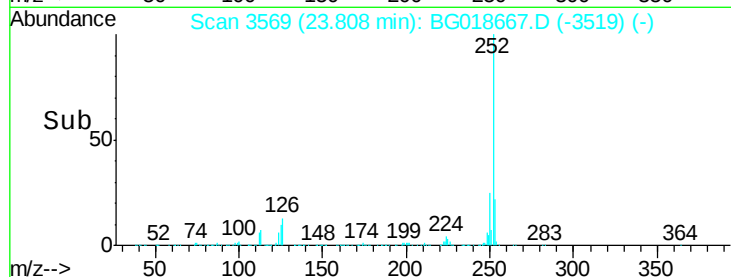
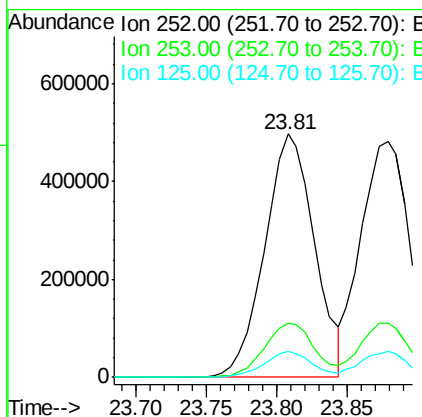
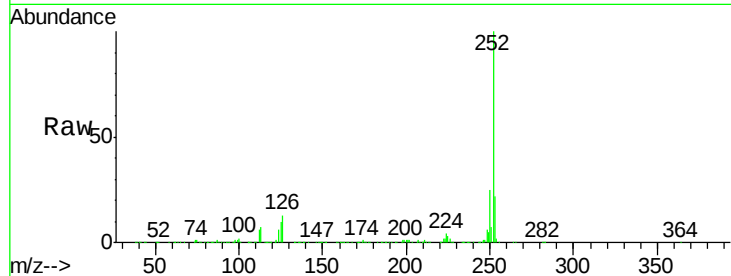
ClientSampleId :

PB85519BS

Tgt Ion:	252	Resp:	1224768
Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.1	28.7
125	10.5	8.9	13.3

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#88

Benzo(k)fluoranthene

Concen: 40.06 ng

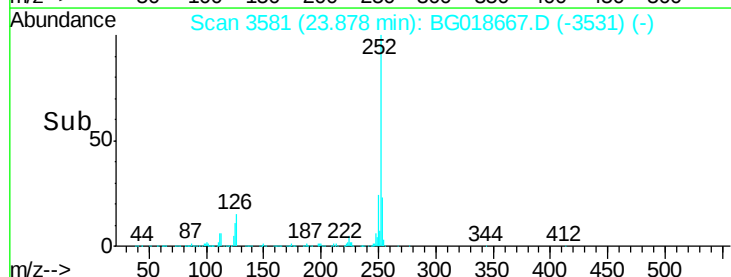
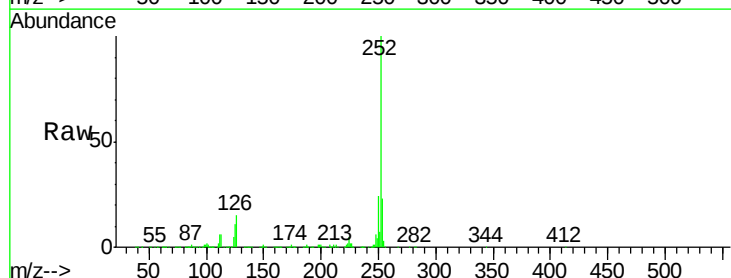
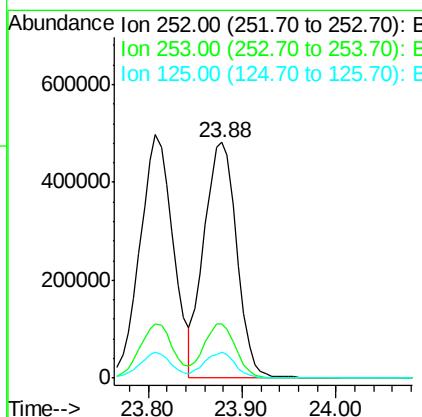
RT: 23.88 min Scan# 3581

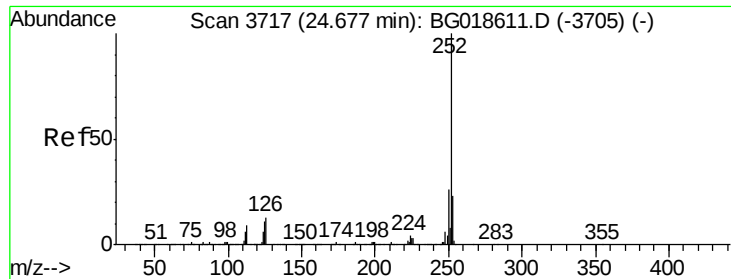
Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion:	252	Resp:	1168745
Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.4
125	10.9	8.9	13.3





#89

Benzo(a)pyrene

Concen: 42.80 ng

RT: 24.67 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG018667.D

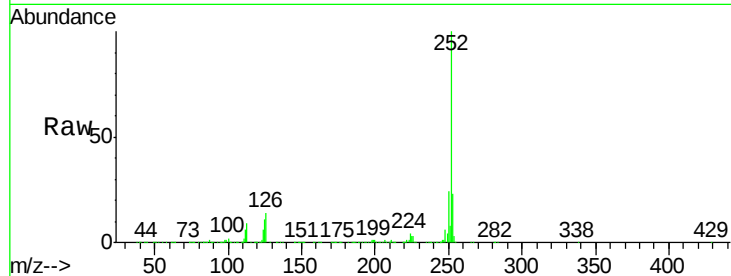
Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

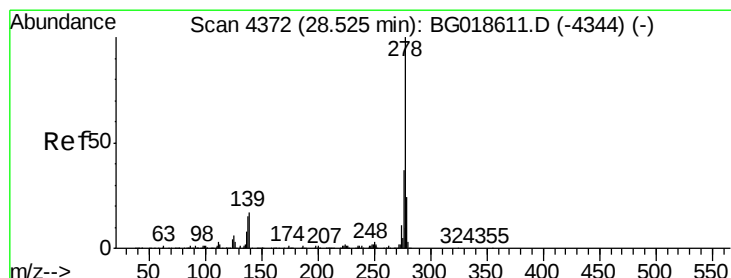
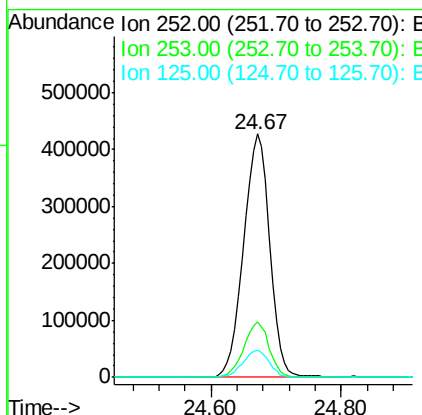
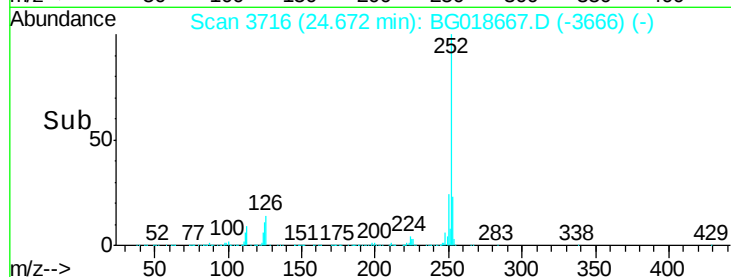
PB85519BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	11.0	9.1	13.7

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#90

Dibenzo(a,h)anthracene

Concen: 41.26 ng

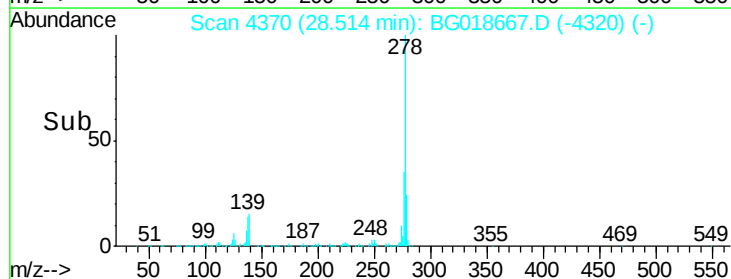
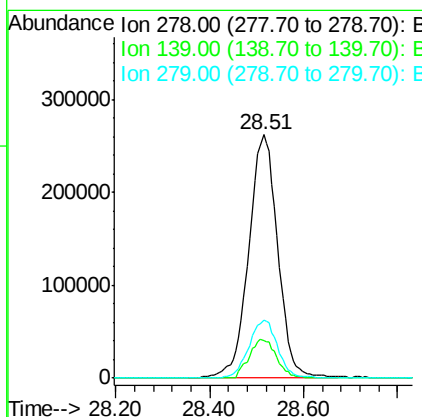
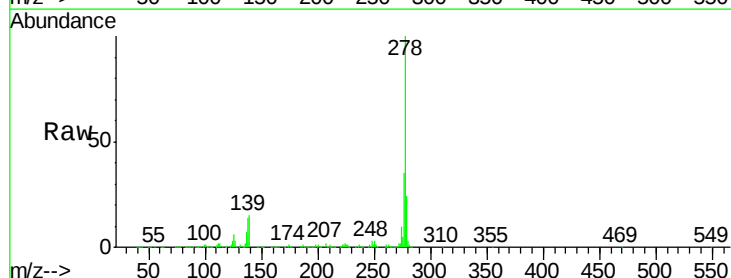
RT: 28.51 min Scan# 4370

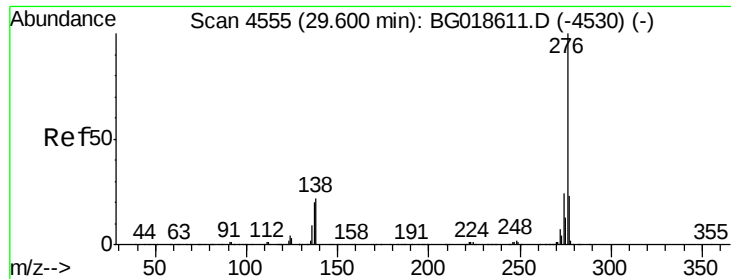
Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.8	20.6
279	23.8	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 41.28 ng
 RT: 29.60 min Scan# 4554
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	21.4	17.4	26.0

Manual Integrations
 APPROVED

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