

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016869.D
 Acq On : 5 May 2015 17:21
 Operator : TP/IZ
 Sample : PB83158BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Manual Integrations
 APPROVED

apatel
 5/6/2015 5:17:47 PM

Quant Time: May 06 02:31:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	71005	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	302336	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	207697	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	480610	20.00	ng	0.00
75) Chrysene-d12	21.37	240	509895	20.00	ng	0.00
86) Perylene-d12	23.67	264	490902	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	480895	117.93	ng	0.00
7) Phenol-d6	6.97	99	658378	113.01	ng	0.00
23) Nitrobenzene-d5	8.96	82	407736	65.88	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	231367	110.96	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	892256	64.83	ng	0.00
78) Terphenyl-d14	19.82	244	1453823	66.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	49786	29.13	ng	# 1
3) Pyridine	3.69	79	141612	26.80	ng	97
4) n-Nitrosodimethylamine	3.61	42	101857	32.30	ng	99
6) Aniline	7.14	93	185799	22.71	ng	97
8) 2-Chlorophenol	7.37	128	167744	35.51	ng	93
9) Benzaldehyde	6.95	77	64252	13.60	ng	97
10) Phenol	7.00	94	229261	36.70	ng	99
11) bis(2-Chloroethyl)ether	7.24	93	156907	32.48	ng	94
12) 1,3-Dichlorobenzene	7.69	146	166271	31.92	ng	97
13) 1,4-Dichlorobenzene	7.84	146	168721	31.98	ng	95
14) 1,2-Dichlorobenzene	8.16	146	161501	31.89	ng	96
15) Benzyl Alcohol	8.05	79	177175	33.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	294272	32.91	ng	98
17) 2-Methylphenol	8.25	107	155652	35.38	ng	96
18) Hexachloroethane	8.89	117	66136	30.49	ng	94
19) n-Nitroso-di-n-propylamine	8.62	70	149103	29.19	ng	# 97
20) 3+4-Methylphenols	8.57	107	211177	34.83	ng	92
22) Acetophenone	8.63	105	253101	35.15	ng	98
24) Nitrobenzene	9.00	77	206880	33.10	ng	99
25) Isophorone	9.53	82	398387	31.88	ng	98
26) 2-Nitrophenol	9.71	139	84574	33.24	ng	99
27) 2,4-Dimethylphenol	9.77	122	176469	38.32	ng	97
28) bis(2-Chloroethoxy)methane	10.01	93	212301	33.66	ng	98
29) 2,4-Dichlorophenol	10.24	162	165848	38.12	ng	98
30) 1,2,4-Trichlorobenzene	10.46	180	157824	34.21	ng	100
31) Naphthalene	10.65	128	496984	33.05	ng	100
32) Benzoic acid	9.89	122	100343	38.67	ng	91
33) 4-Chloroaniline	10.75	127	119730	17.24	ng	96
34) Hexachlorobutadiene	10.94	225	95808	33.18	ng	95
35) Caprolactam	11.52	113	81646m	36.12	ng	
36) 4-Chloro-3-methylphenol	11.88	107	204367	36.68	ng	98
37) 2-Methylnaphthalene	12.26	142	388057	33.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	176764	31.48	ng	# 100
40) Hexachlorocyclopentadiene	12.62	237	252643	69.68	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	133359	33.52	nq	94
43) 2,4,5-Trichlorophenol	12.94	196	143733	34.03	nq	93
45) 1,1'-Biphenyl	13.28	154	495628	33.33	nq	99
46) 2-Chloronaphthalene	13.32	162	385575	32.74	nq	97
47) 2-Nitroaniline	13.52	65	148198	36.15	nq	98
48) Acenaphthylene	14.17	152	660388	32.20	nq	100
49) Dimethylphthalate	13.91	163	526924	33.98	nq	99
50) 2,6-Dinitrotoluene	14.02	165	114094	35.43	nq	96
51) Acenaphthene	14.51	154	397586	32.57	nq	93
52) 3-Nitroaniline	14.35	138	84760	23.14	nq	90
53) 2,4-Dinitrophenol	14.55	184	116705	79.24	nq	96
54) Dibenzofuran	14.84	168	606255	34.98	nq	98
55) 4-Nitrophenol	14.66	139	230497	74.20	nq	99
56) 2,4-Dinitrotoluene	14.81	165	158599	38.50	nq	98
57) Fluorene	15.49	166	528875	34.46	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	133725	36.69	nq	# 78
59) Diethylphthalate	15.27	149	572948	35.00	nq	98
60) 4-Chlorophenyl-phenylether	15.49	204	260062	33.73	nq	99
61) 4-Nitroaniline	15.51	138	147809	34.80	nq	97
62) Azobenzene	15.78	77	620975	36.62	nq	98
64) 4,6-Dinitro-2-methylphenol	15.57	198	77950	32.71	nq	91
65) n-Nitrosodiphenylamine	15.70	169	468726	31.95	nq	97
66) 4-Bromophenyl-phenylether	16.38	248	158217	32.80	nq	96
67) Hexachlorobenzene	16.49	284	169235	33.27	nq	97
68) Atrazine	16.65	200	191581	36.29	nq	97
69) Pentachlorophenol	16.84	266	233501	70.70	nq	96
70) Phenanthrene	17.23	178	833361	33.69	nq	99
71) Anthracene	17.32	178	857061	34.35	nq	99
72) Carbazole	17.59	167	838187	35.33	nq	98
73) Di-n-butylphthalate	18.16	149	1054396	34.29	nq	99
74) Fluoranthene	19.25	202	1003271	34.96	nq	99
76) Benzidine	19.43	184	497093	28.69	nq	99
77) Pyrene	19.61	202	1030324	34.24	nq	100
79) Butylbenzylphthalate	20.51	149	484102	33.85	nq	98
80) Benzo(a)anthracene	21.35	228	934797	34.17	nq	98
81) 3,3'-Dichlorobenzidine	21.29	252	222099	20.79	nq	98
82) Chrysene	21.41	228	883429	34.48	nq	98
83) Bis(2-ethylhexyl)phthalate	21.30	149	670108	34.25	nq	99
84) Di-n-octyl phthalate	22.19	149	1123333	34.18	nq	# 100
85) Indeno(1,2,3-cd)pyrene	26.05	276	1012237	33.15	nq	# 100
87) Benzo(b)fluoranthene	22.98	252	915479	33.48	nq	98
88) Benzo(k)fluoranthene	23.03	252	898044	34.13	nq	98
89) Benzo(a)pyrene	23.57	252	887024	34.78	nq	99
90) Dibenzo(a,h)anthracene	26.07	278	867921	33.32	nq	98
91) Benzo(g,h,i)perylene	26.78	276	831721	33.53	nq	98

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

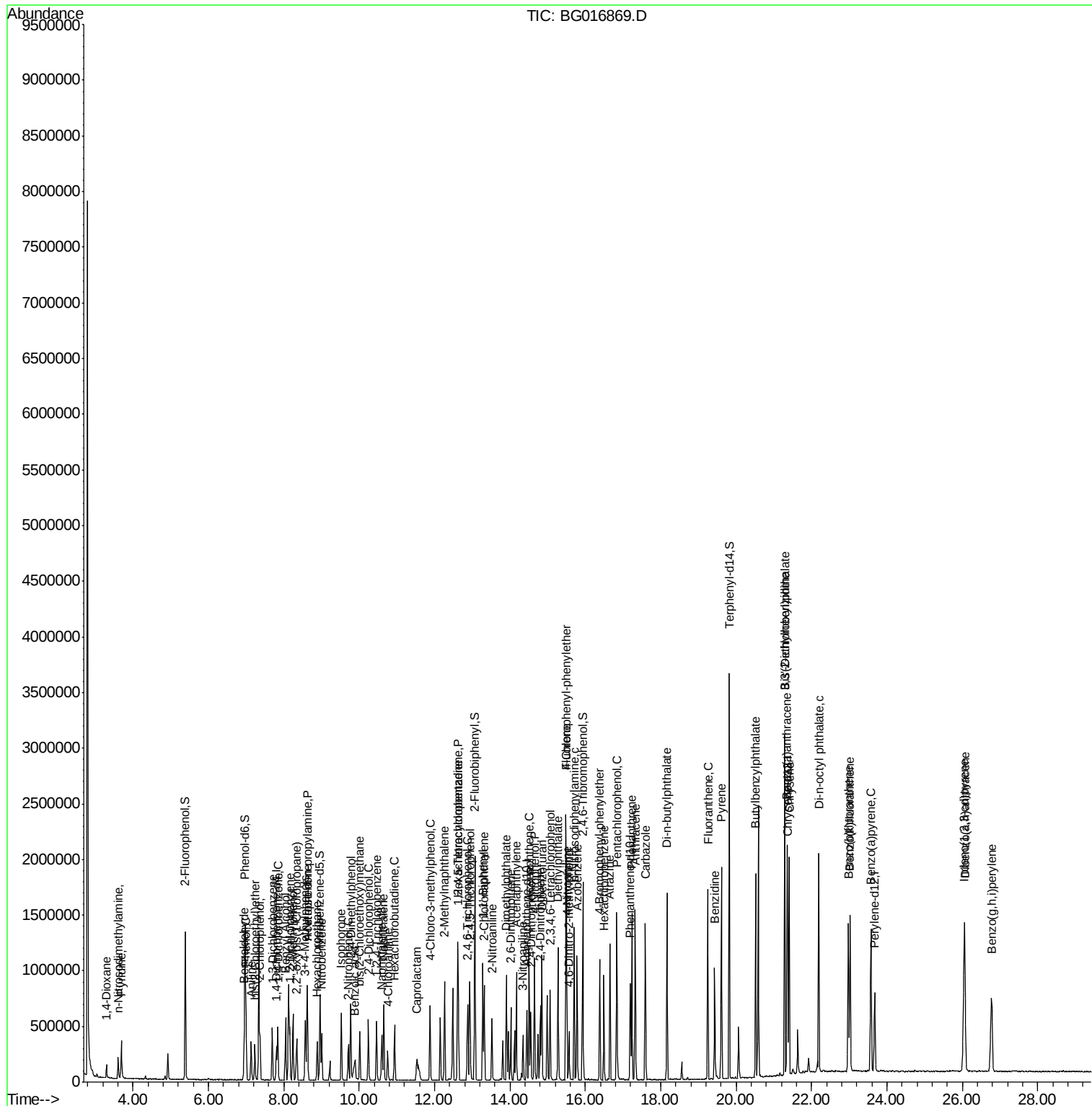
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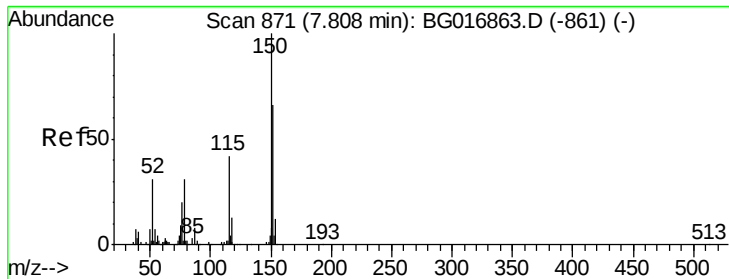
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#1

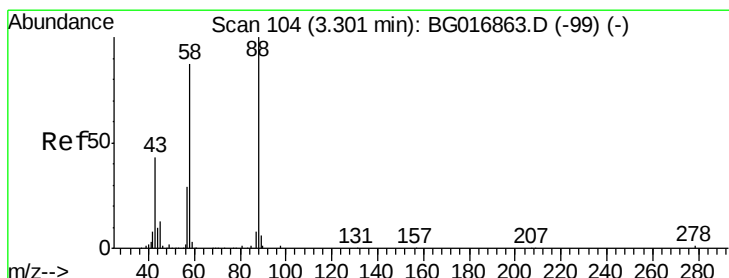
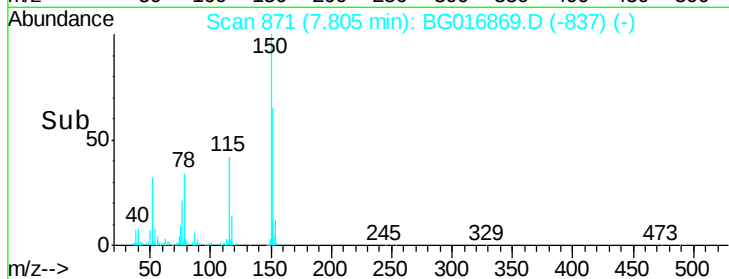
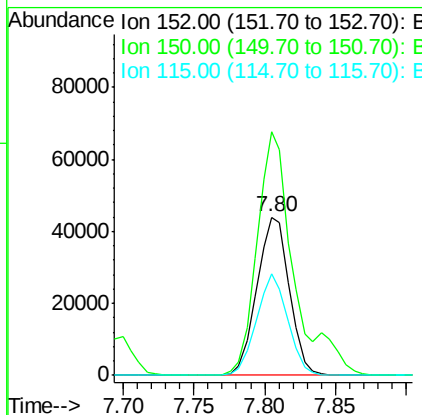
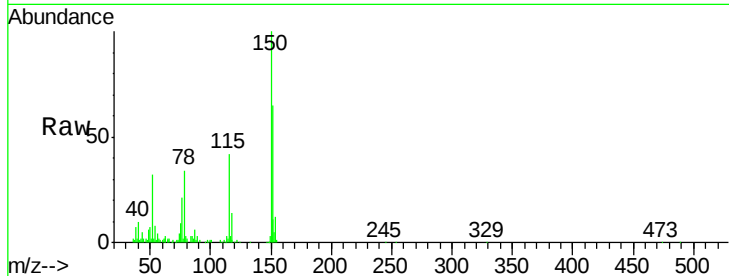
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

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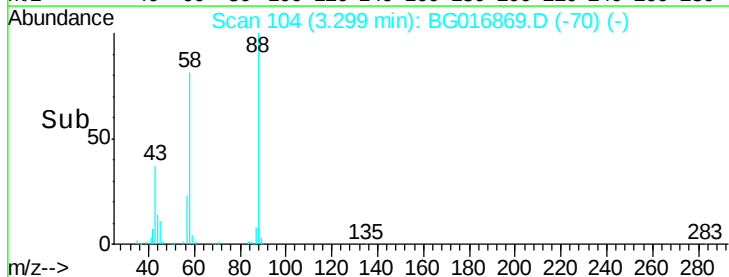
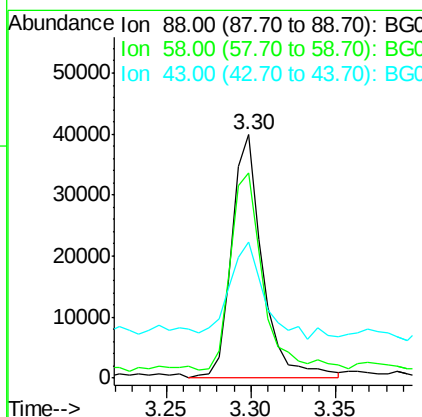
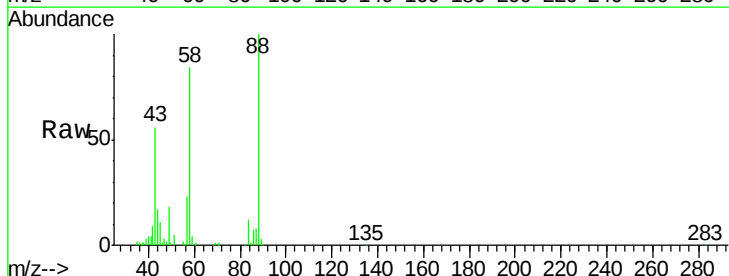
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	121.0	181.4
115	64.0	50.5	75.7



#2

1,4-Dioxane
Concen: 29.13 ng
RT: 3.30 min Scan# 104
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	0.1	0.1#
43	46.0	1.3	1.9#





#3

Pvridine

Concen: 26.80 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

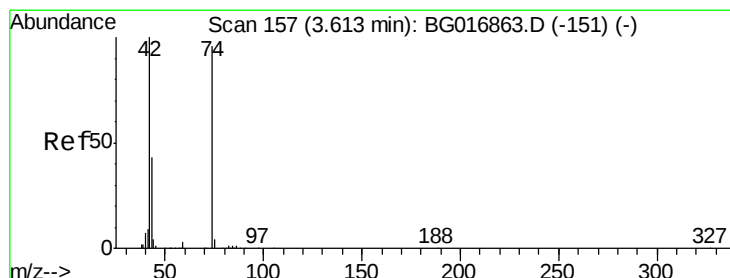
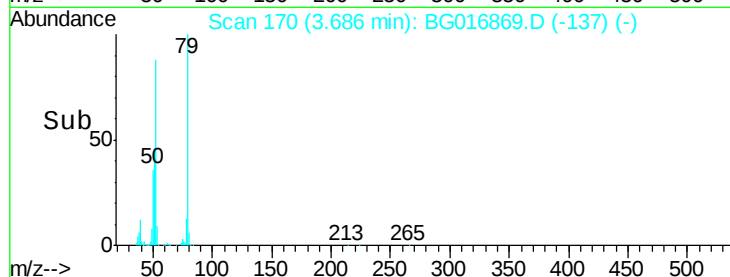
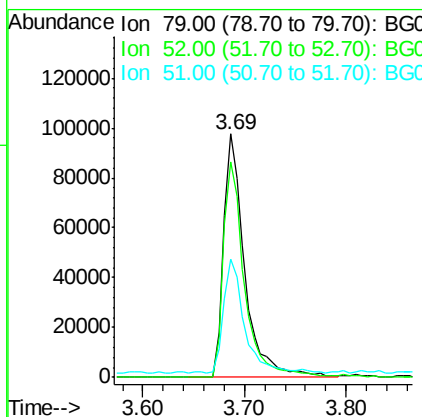
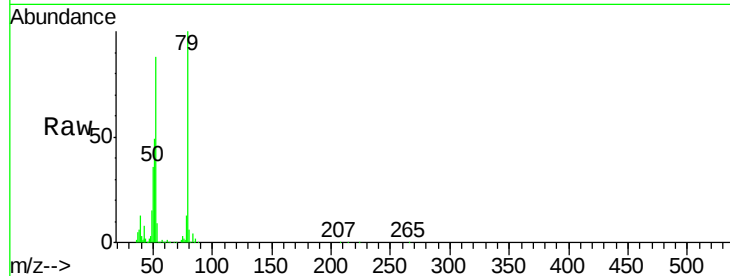
ClientSampleId :

PB83158BS

Tot Ion:	79	Resp:	141612
Ion	Ratio	Lower	Upper
79	100		
52	88.5	68.5	102.7
51	48.6	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 32.30 ng

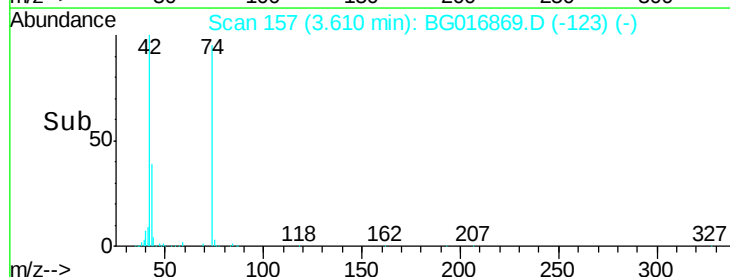
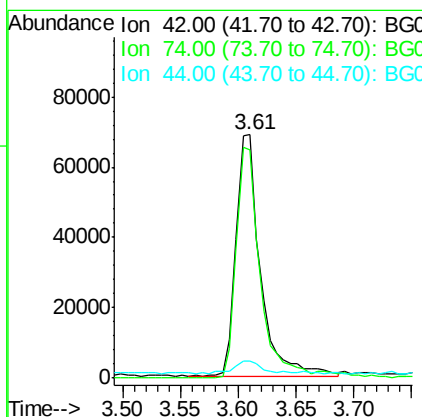
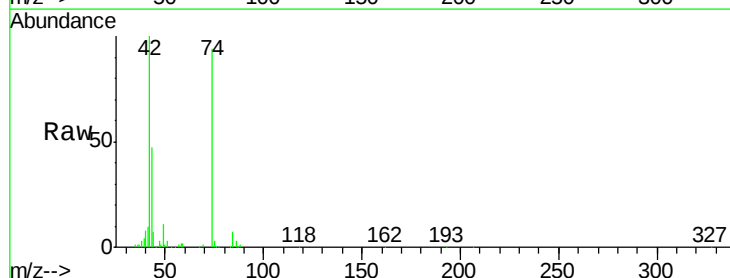
RT: 3.61 min Scan# 157

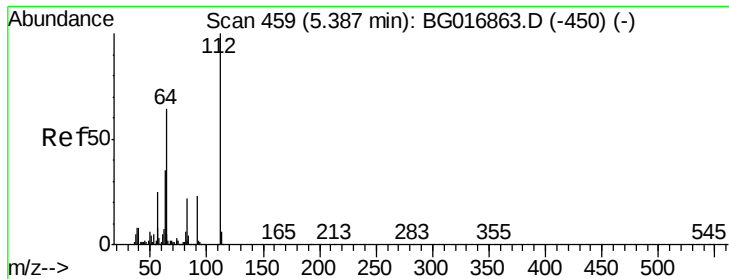
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	42	Resp:	101857
Ion	Ratio	Lower	Upper
42	100		
74	93.9	76.2	114.2
44	6.8	4.9	7.3





#5

2-Fluorophenol

Concen: 117.93 ng

RT: 5.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

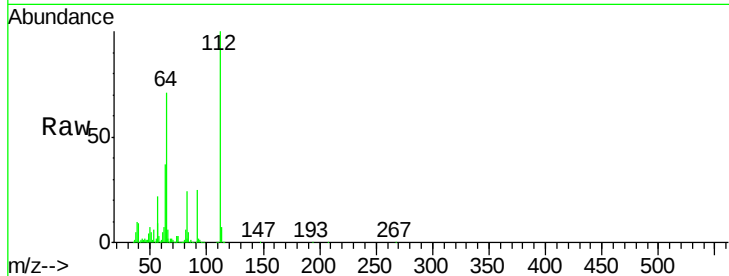
ClientSampleId :

PB83158BS

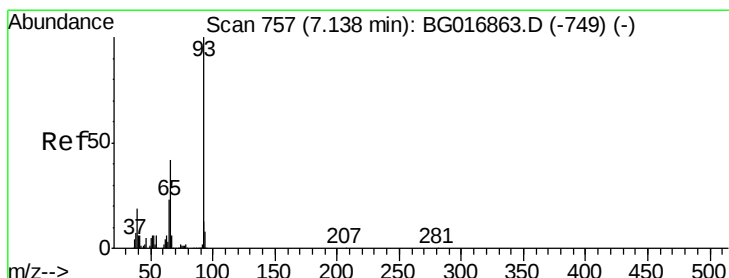
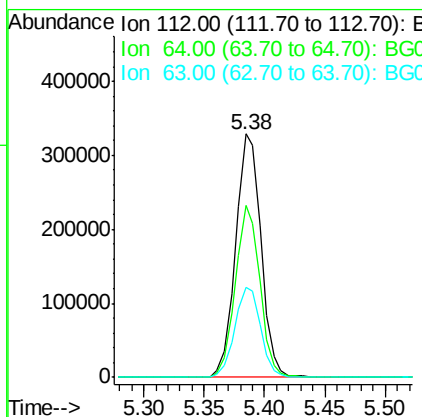
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	480895		
64	70.8	51.4	77.2	
63	36.9	28.1	42.1	



#6

Aniline

Concen: 22.71 ng

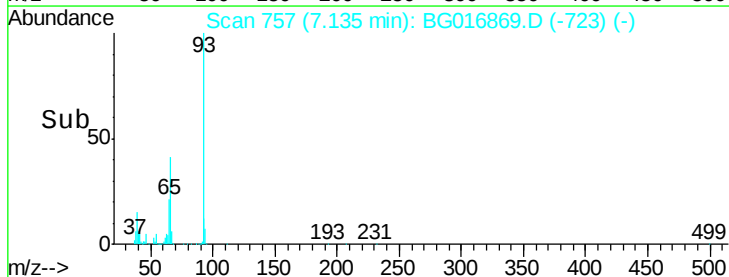
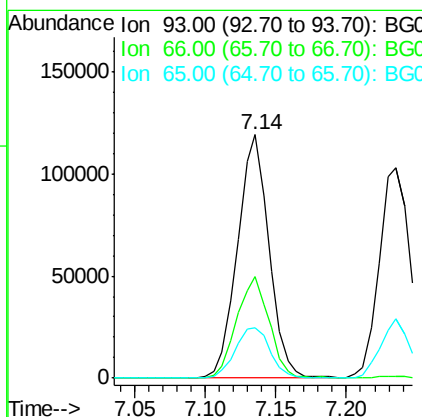
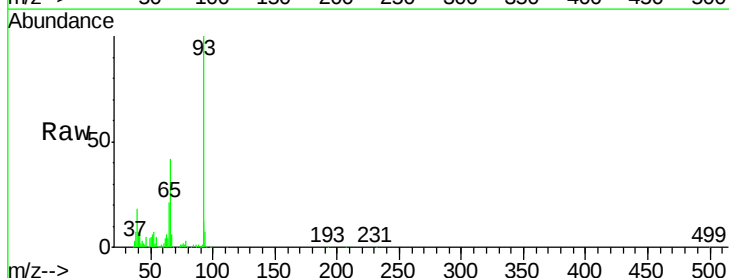
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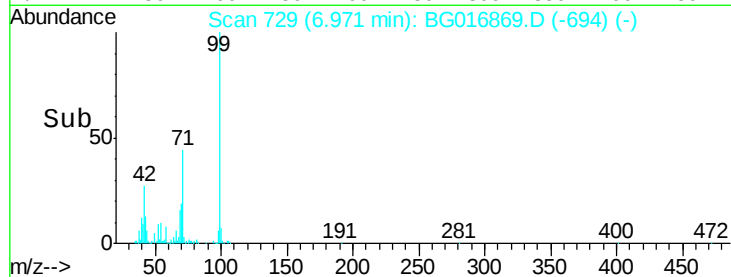
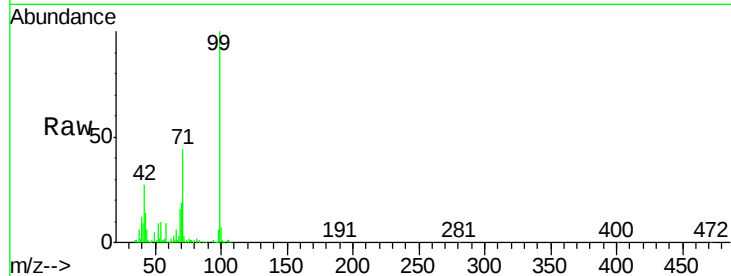
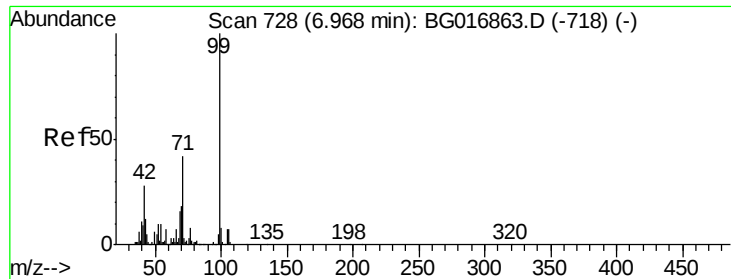
Delta R.T. -0.00 min

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	185799		
66	41.7	33.8	50.6	
65	20.6	18.7	28.1	





#7

Phenol-d6

Concen: 113.01 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tot Ion:	99	Resp:	658378
Ion Ratio	Lower	Upper	
99	100		
42	26.7	22.1	33.1
71	43.6	33.4	50.0

Instrument :

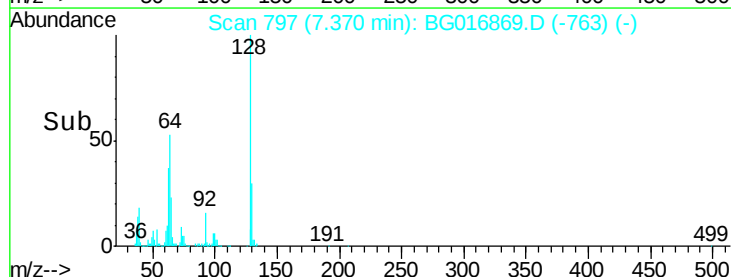
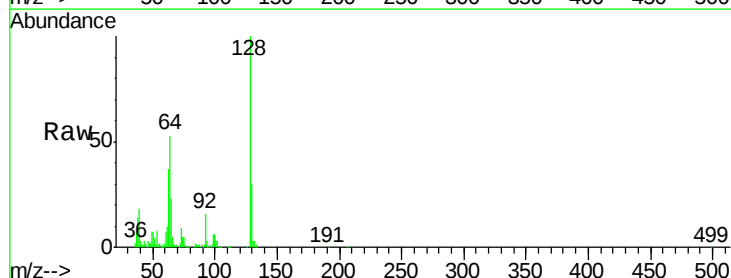
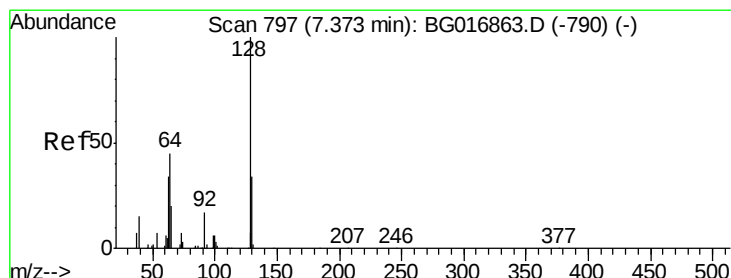
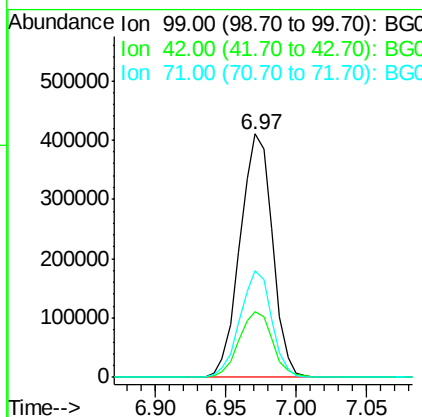
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#8

2-Chlorophenol

Concen: 35.51 ng

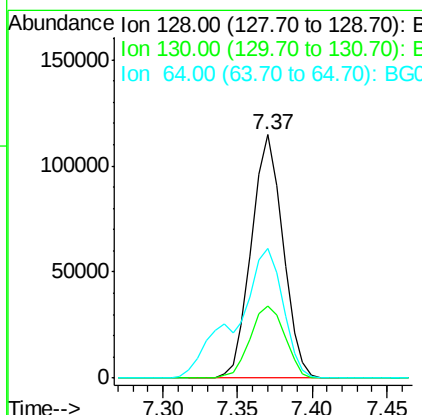
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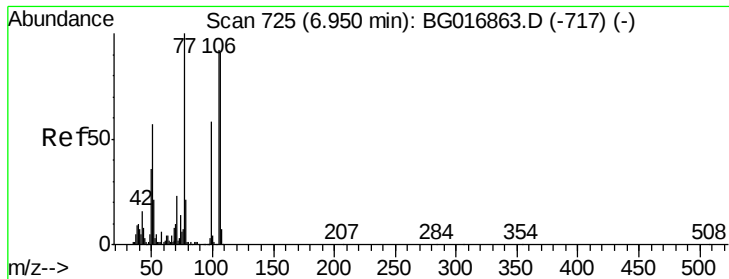
Delta R.T. -0.00 min

Lab File: BG016869.D

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Tgt Ion:	128	Resp:	167744
Ion Ratio	Lower	Upper	
128	100		
130	29.8	14.4	54.4
64	53.1	38.4	78.4





#9

Benzaldehyde

Concen: 13.60 ng

RT: 6.95 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

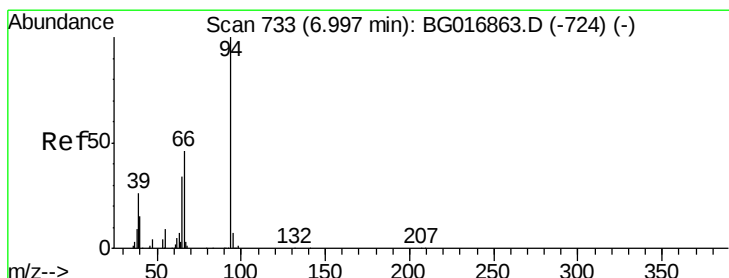
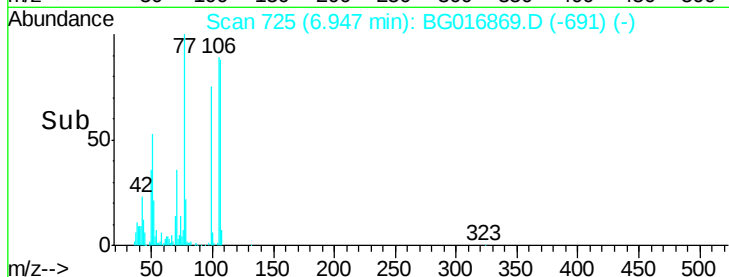
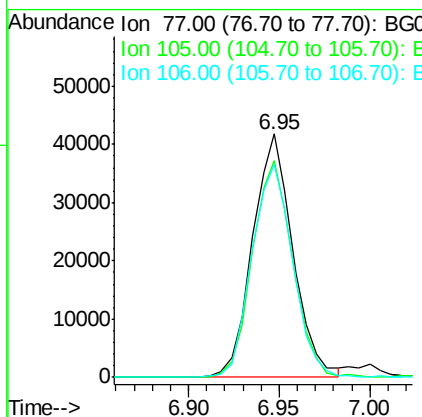
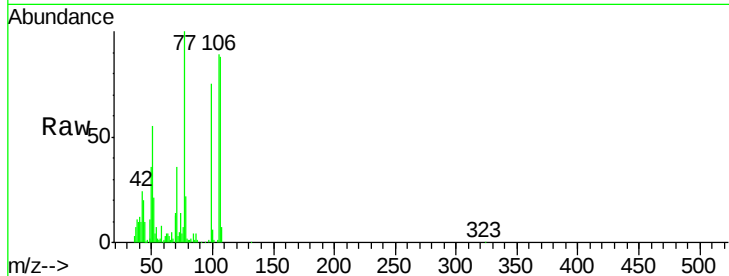
ClientSampleId :

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Tot Ion:	77	Resp:	64252
Ion Ratio	Lower	Upper	
77	100		
105	89.0	71.6	111.6
106	87.6	71.5	111.5

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#10

Phenol

Concen: 36.70 ng

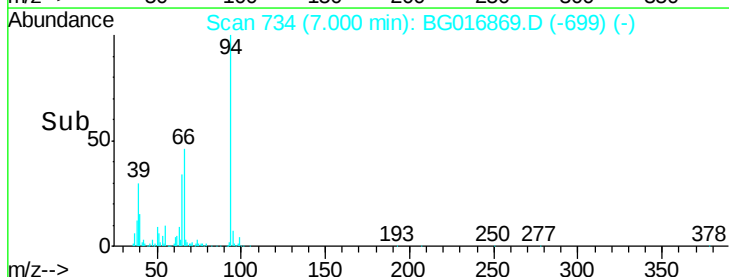
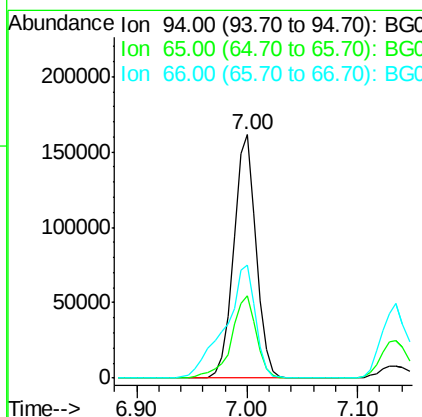
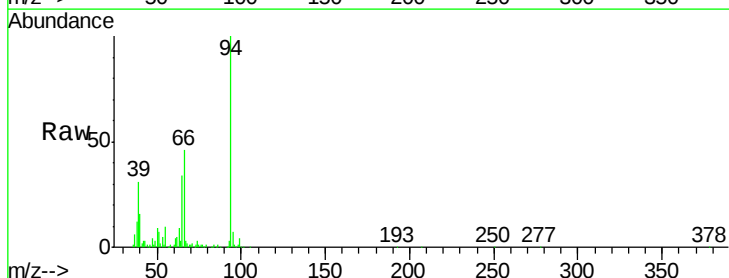
RT: 7.00 min Scan# 734

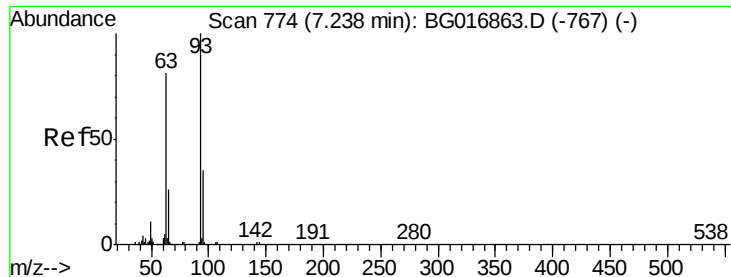
Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	94	Resp:	229261
Ion Ratio	Lower	Upper	
94	100		
65	34.0	14.3	54.3
66	46.2	26.9	66.9





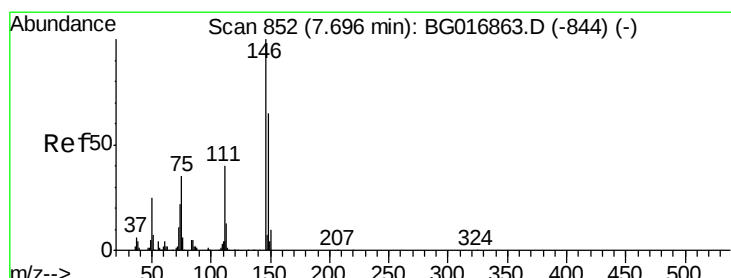
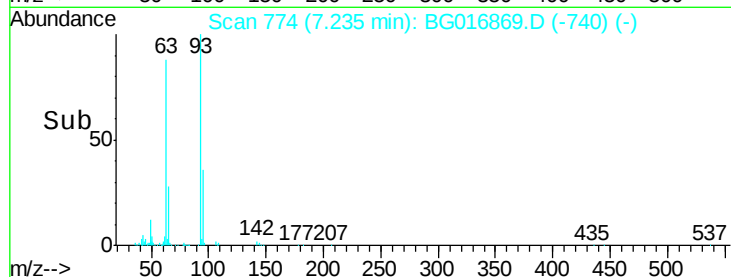
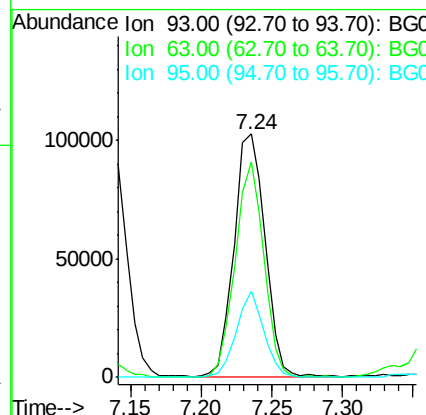
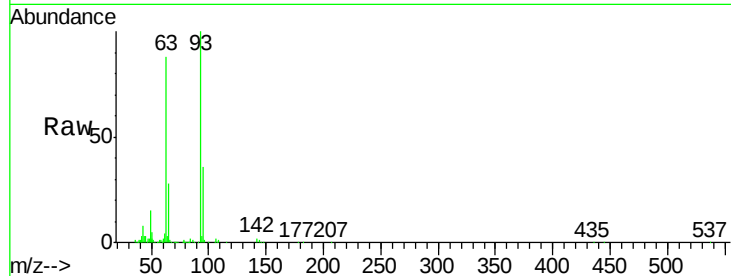
#11
 bis(2-Chloroethyl)ether
 Concen: 32.48 ng
 RT: 7.24 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Tot Ion:	93	Resp:	156907
Ion Ratio	Lower	Upper	
93	100		
63	88.3	61.2	101.2
95	35.6	15.0	55.0

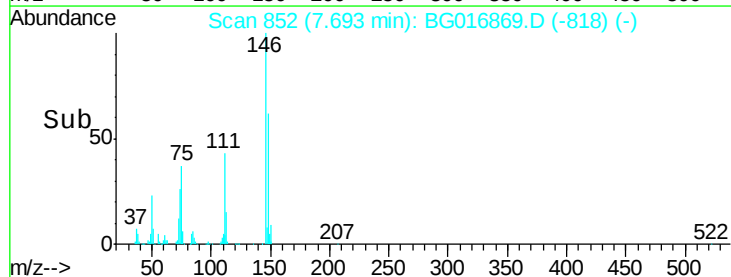
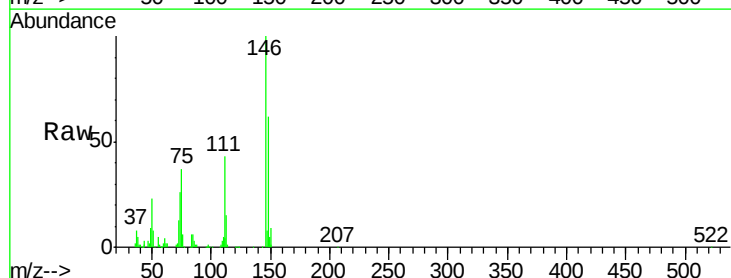
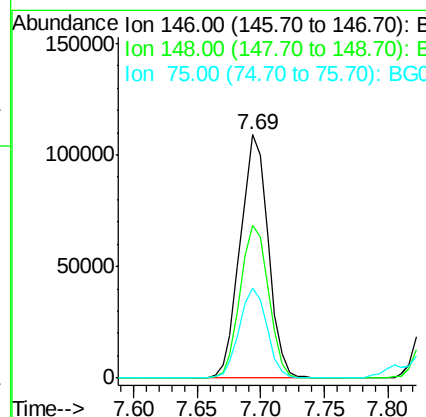
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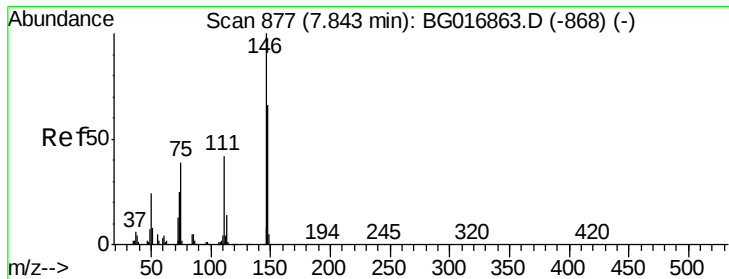
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#12
 1,3-Dichlorobenzene
 Concen: 31.92 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion:	146	Resp:	166271
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.9	77.9
75	37.2	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 31.98 ng

RT: 7.84 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

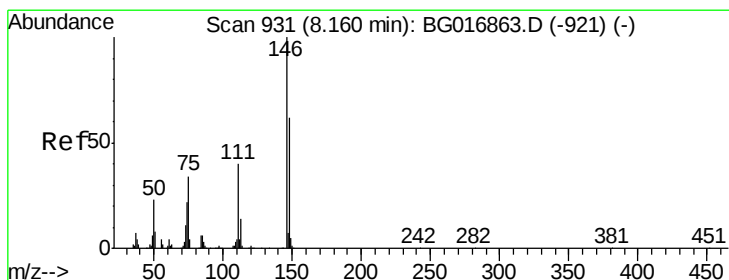
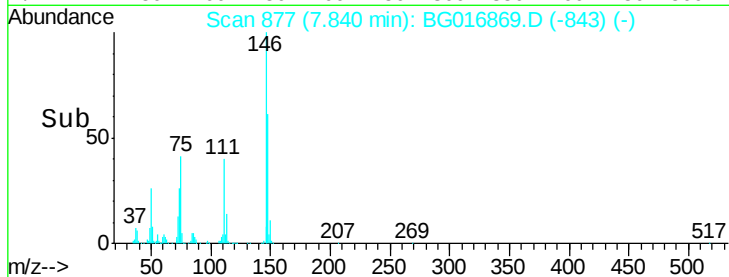
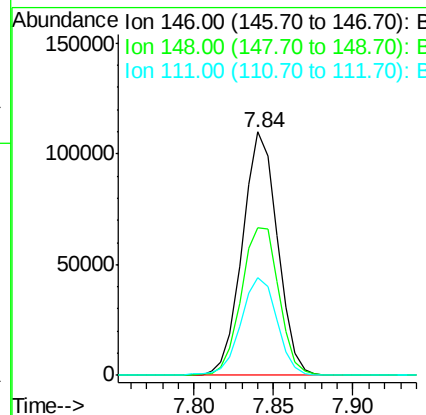
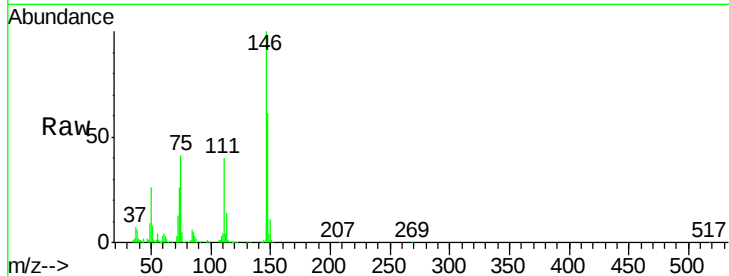
ClientSampleId :

PB83158BS

Tot Ion:	146	Resp:	168721
Ion Ratio	Lower	Upper	
146	100		
148	60.9	52.8	79.2
111	40.2	33.9	50.9

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#14

1,2-Dichlorobenzene

Concen: 31.89 ng

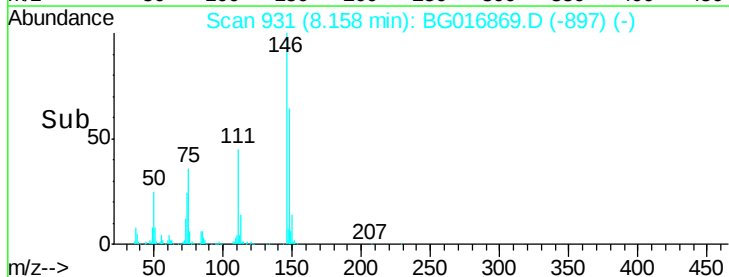
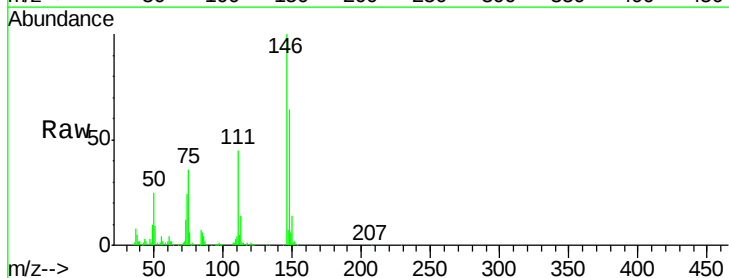
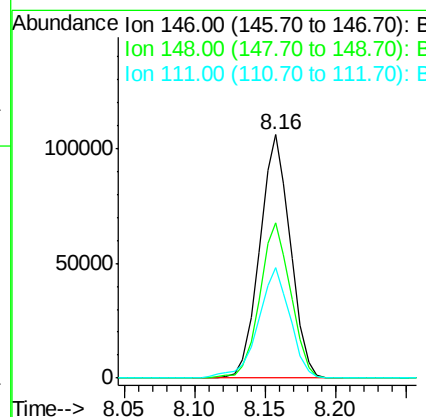
RT: 8.16 min Scan# 931

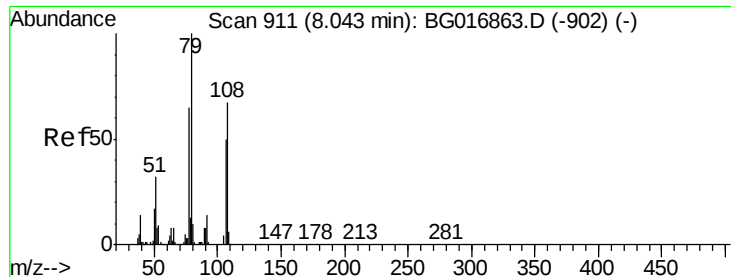
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	146	Resp:	161501
Ion Ratio	Lower	Upper	
146	100		
148	63.5	49.9	74.9
111	45.2	32.1	48.1





#15

Benzyl Alcohol

Concen: 33.30 ng

RT: 8.05 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

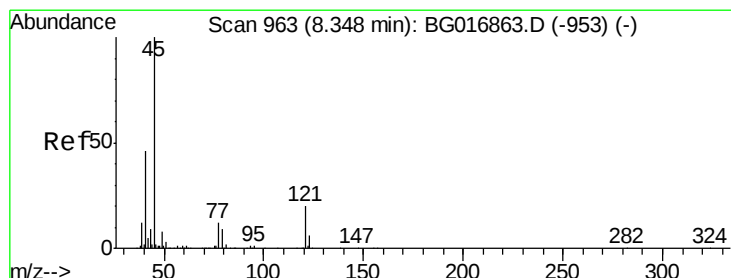
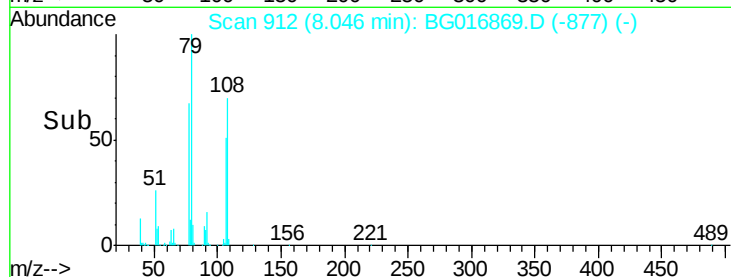
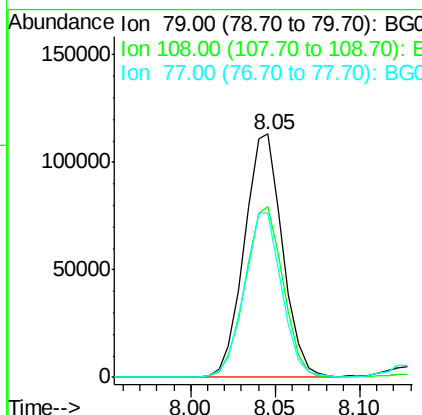
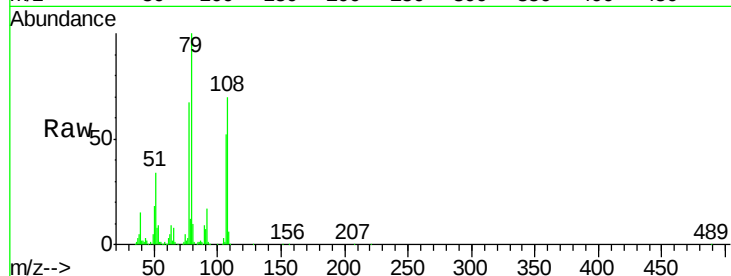
ClientSampleId :

PB83158BS

Tot Ion:	79	Resp:	177175
Ion Ratio	Lower	Upper	
79	100		
108	70.3	53.4	80.2
77	67.2	52.2	78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.91 ng

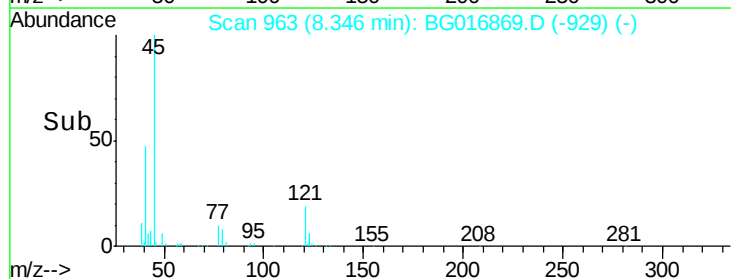
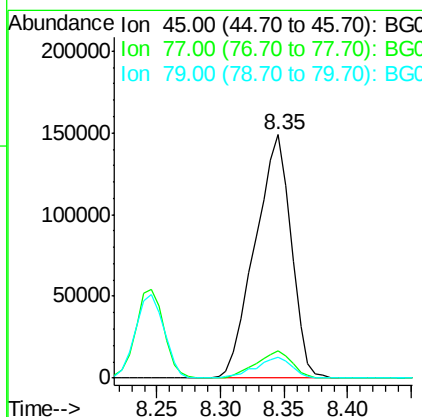
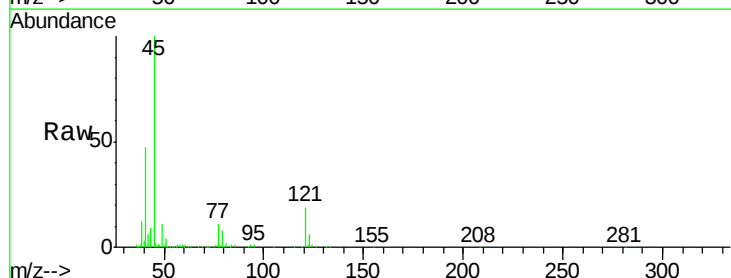
RT: 8.35 min Scan# 963

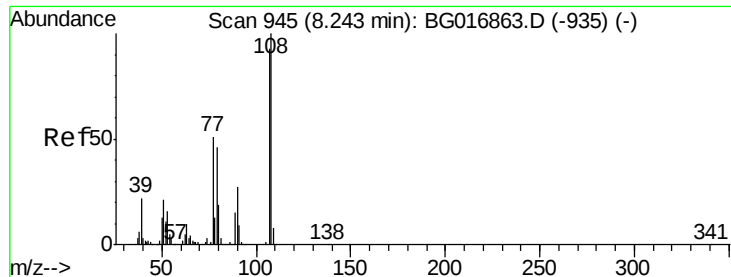
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	45	Resp:	294272
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	31.8
79	8.4	0.0	29.1





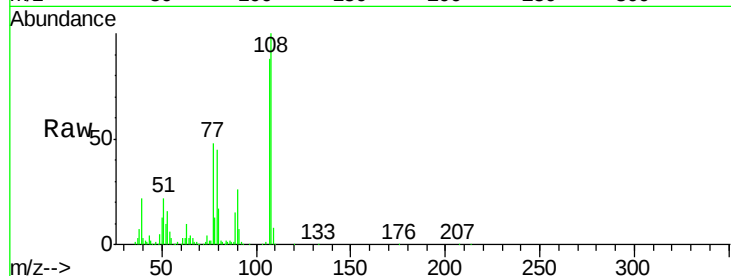
#17
2-Methylphenol
Concen: 35.38 ng
RT: 8.25 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

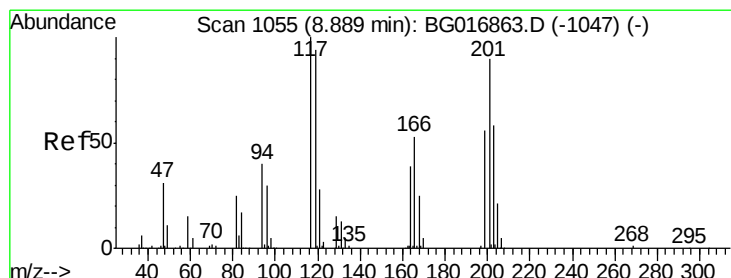
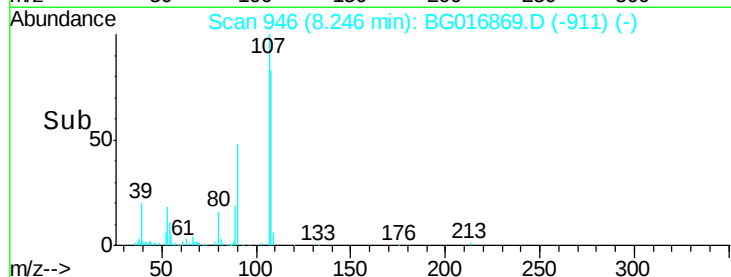
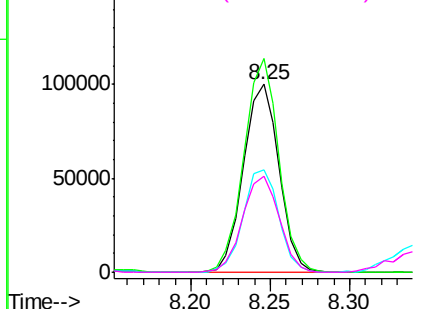
Tot Ion	107	Resp	155652
Ion	Ratio	Lower	Upper
107	100		
108	113.8	85.9	128.9
77	54.5	43.8	65.6
79	51.3	39.8	59.6

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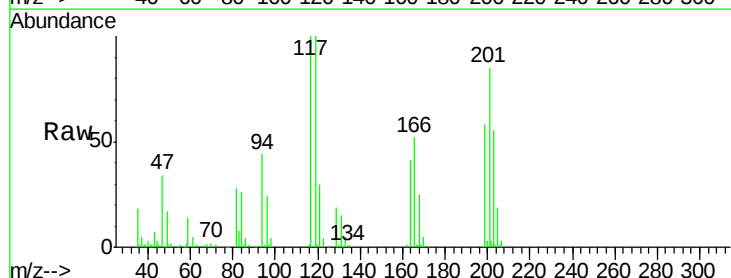


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

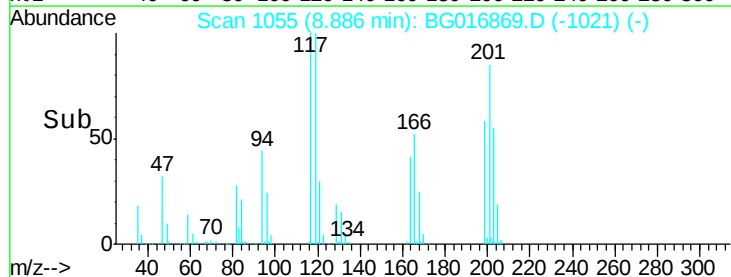
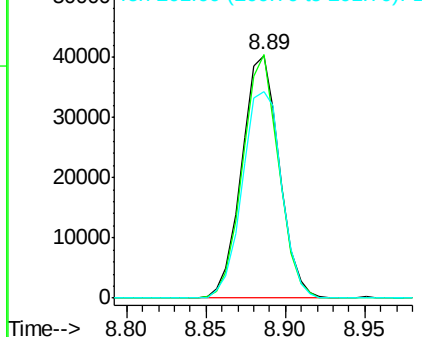


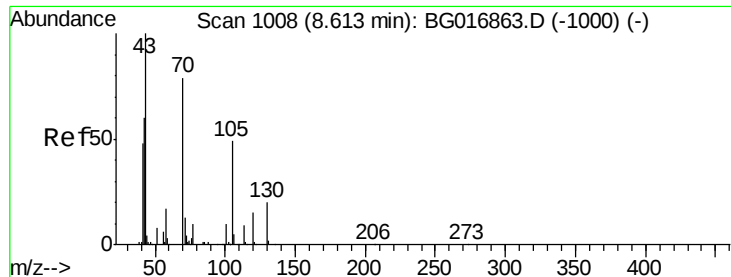
#18
Hexachloroethane
Concen: 30.49 ng
RT: 8.89 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	117	Resp	66136
Ion	Ratio	Lower	Upper
117	100		
119	100.4	74.8	112.2
201	85.3	72.1	108.1



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





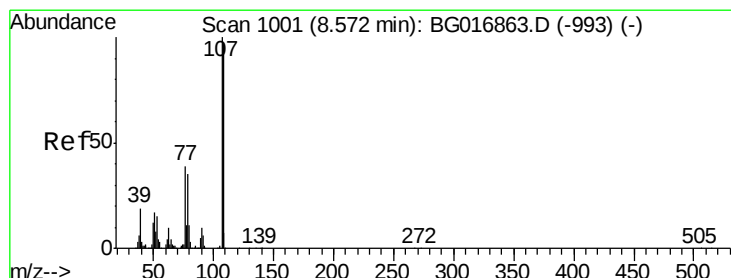
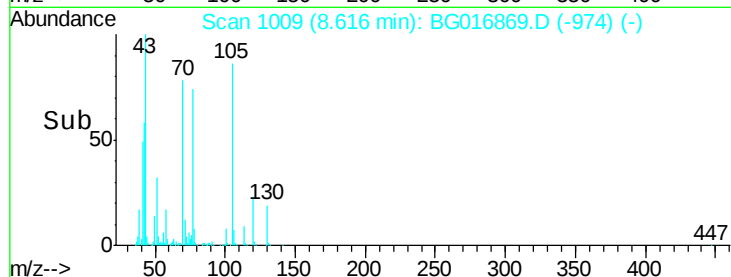
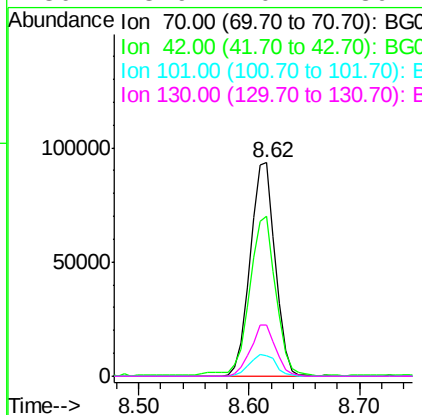
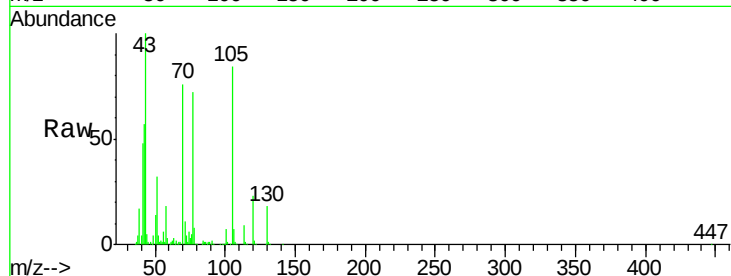
#19
n-Nitroso-di-n-propylamine
Concen: 29.19 ng
RT: 8.62 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampled :
PB83158BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.8	61.5	92.3
101	9.7	9.8	14.6
130	23.9	20.2	30.4

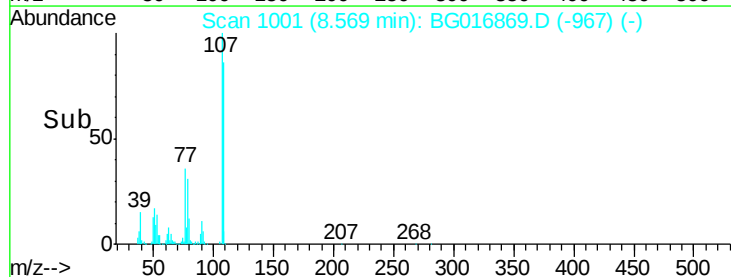
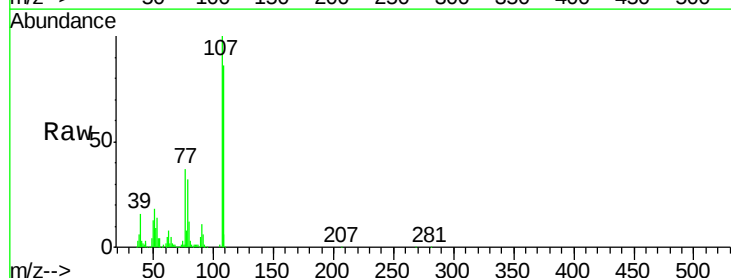
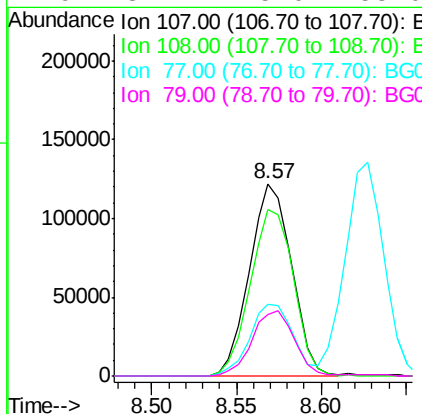
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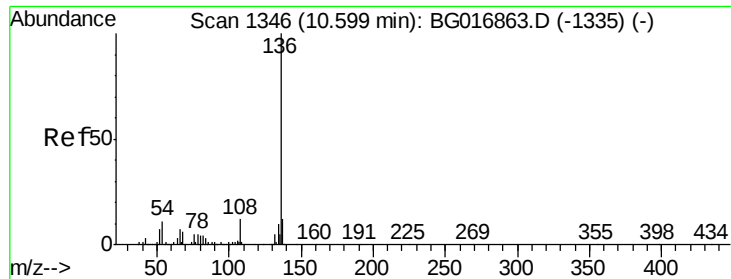
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#20
3+4-Methylphenols
Concen: 34.83 ng
RT: 8.57 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	76.6	116.6
77	37.0	19.0	59.0
79	32.1	15.0	55.0





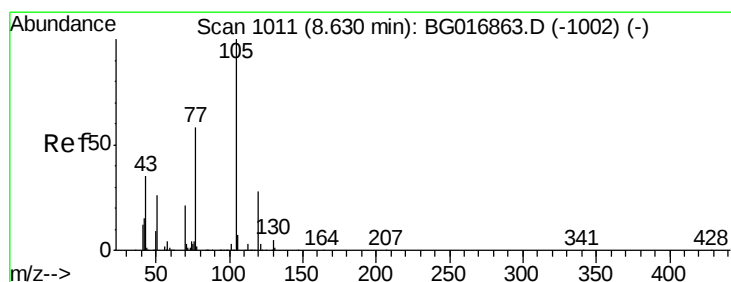
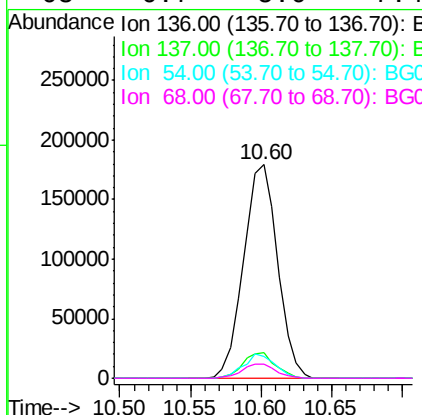
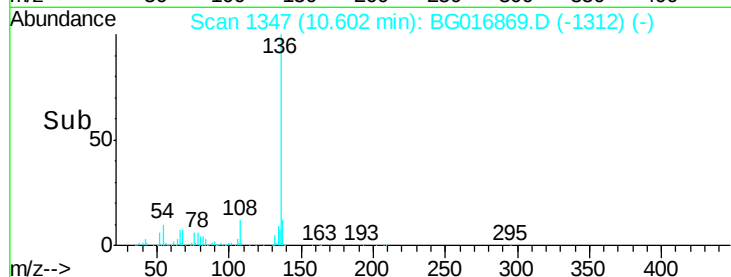
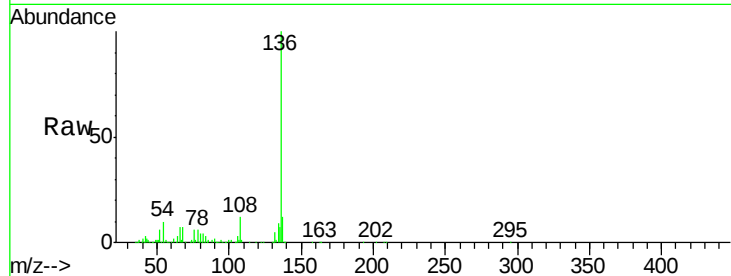
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		302336		
137	11.8		9.8	14.8	
54	10.1		8.7	13.1	
68	6.7		5.0	7.4	

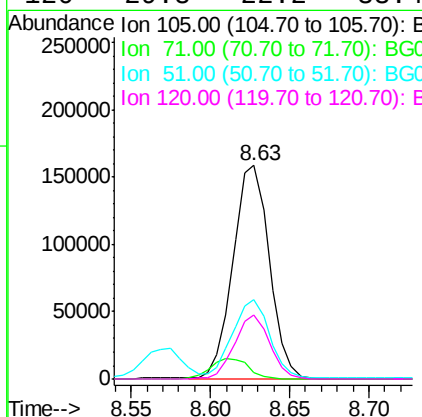
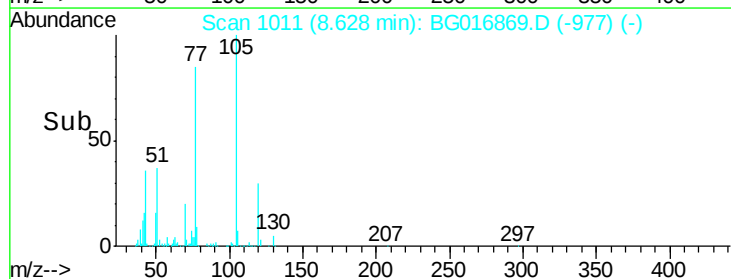
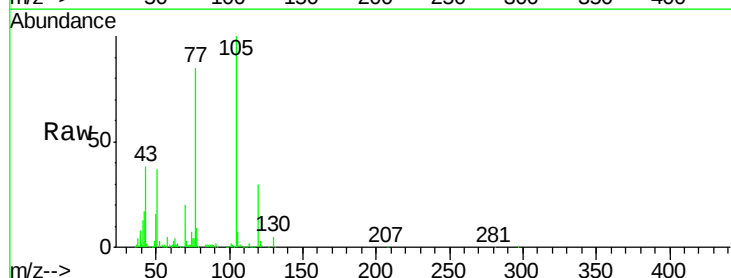
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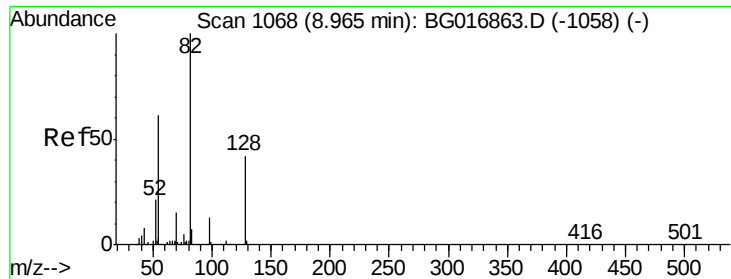
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#22
Acetophenone
Concen: 35.15 ng
RT: 8.63 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		253101		
71	3.1		2.8	4.2	
51	37.3		29.4	44.2	
120	29.8		22.2	33.4	





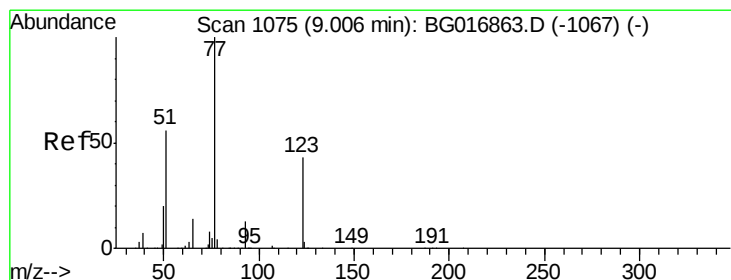
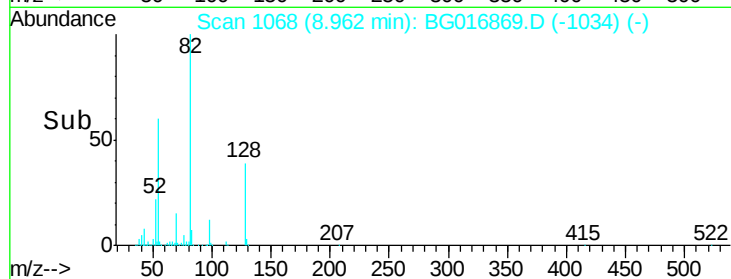
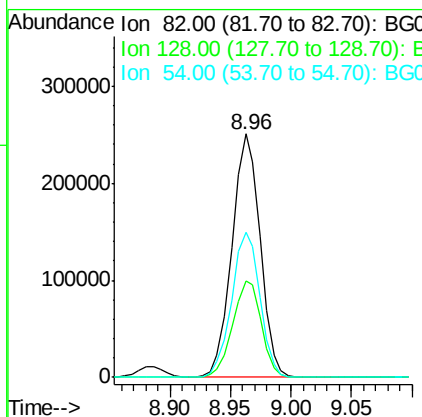
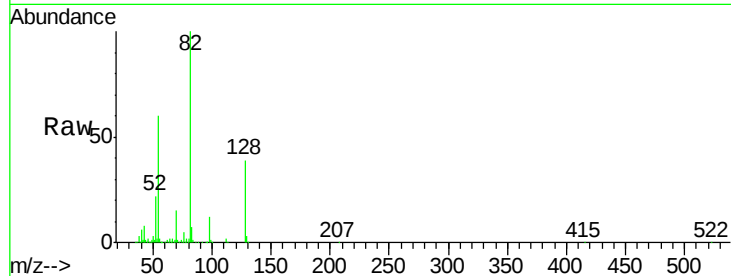
#23
 Nitrobenzene-d5
 Concen: 65.88 ng
 RT: 8.96 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.2	49.8
54	59.6	48.6	72.8

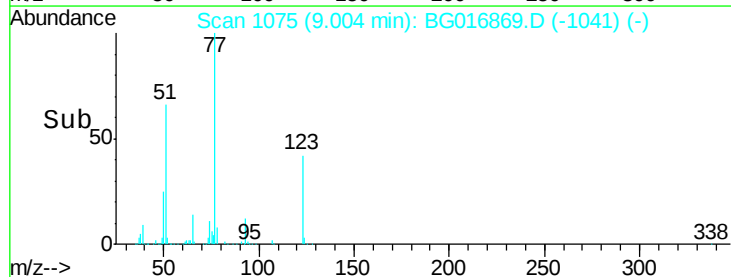
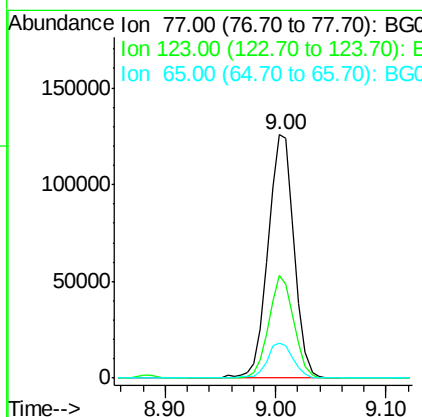
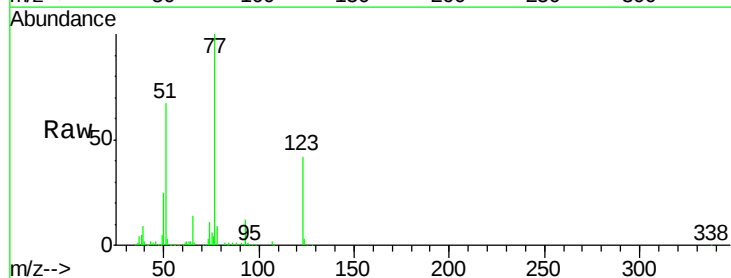
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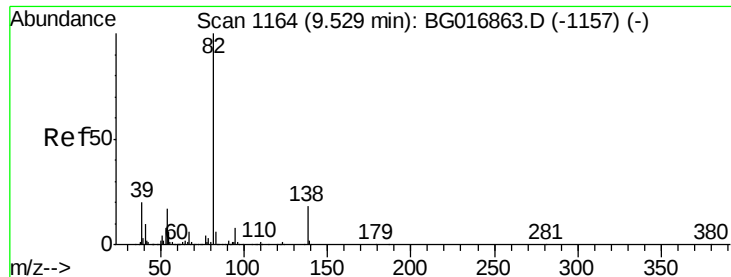
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#24
 Nitrobenzene
 Concen: 33.10 ng
 RT: 9.00 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.0	51.0
65	14.4	11.2	16.8





#25

Isophorone

Concen: 31.88 ng

RT: 9.53 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

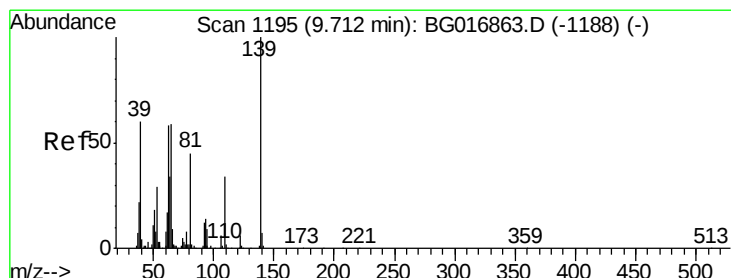
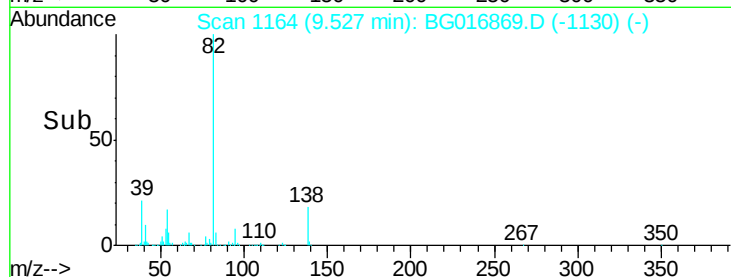
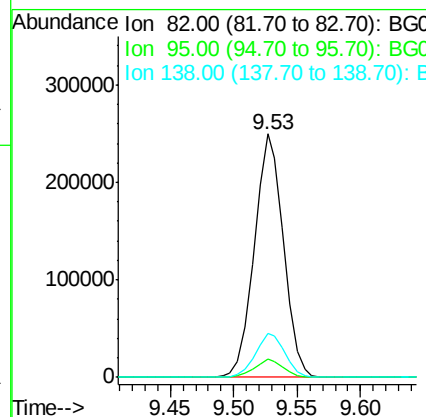
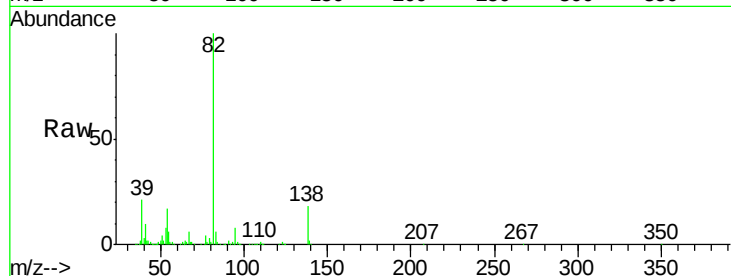
ClientSampleId :

PB83158BS

Tot Ion:	82	Resp:	398387
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.7	10.1
138	17.8	14.7	22.1

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#26

2-Nitrophenol

Concen: 33.24 ng

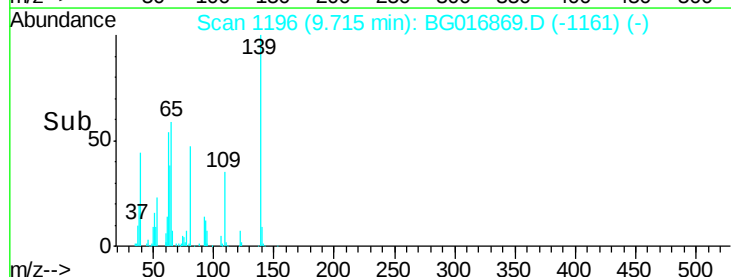
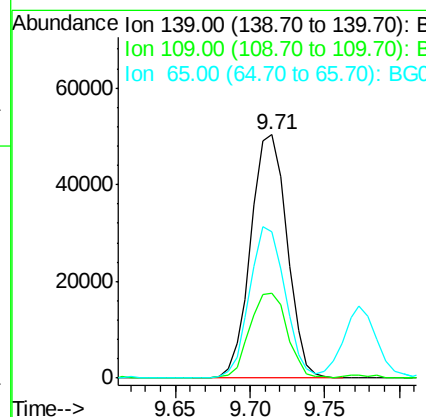
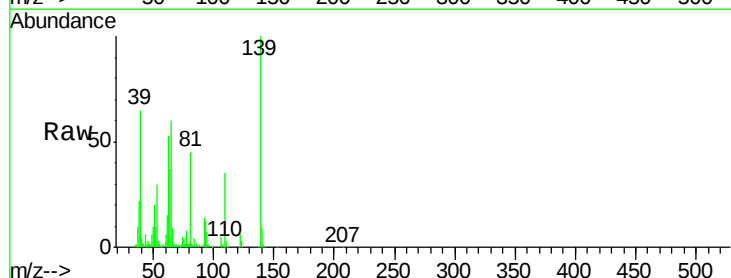
RT: 9.71 min Scan# 1196

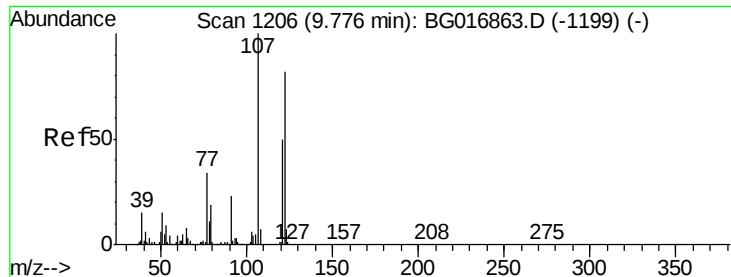
Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	139	Resp:	84574
Ion Ratio	Lower	Upper	
139	100		
109	34.7	27.4	41.2
65	60.2	47.1	70.7





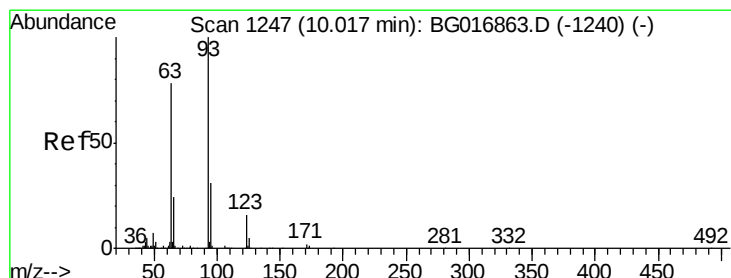
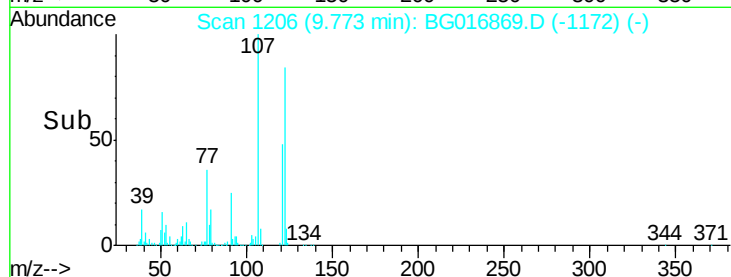
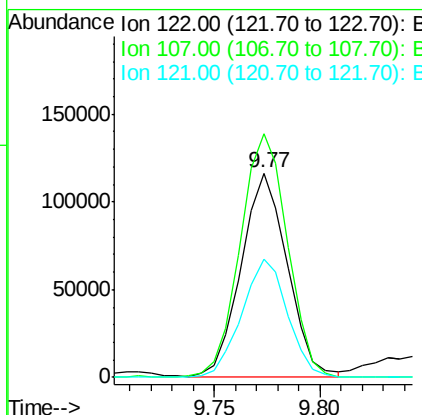
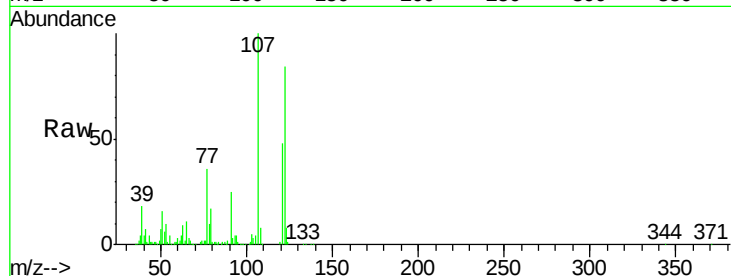
#27
 2,4-Dimethylphenol
 Concen: 38.32 ng
 RT: 9.77 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.3	97.6	146.4	
121	57.8	48.4	72.6	

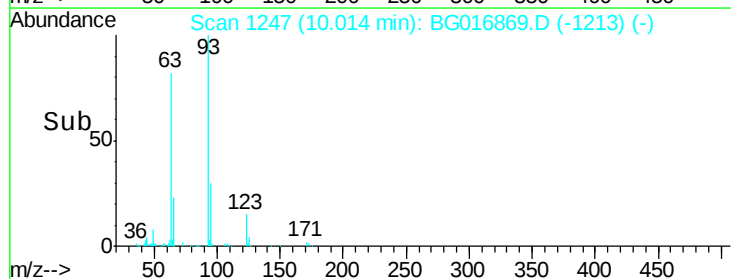
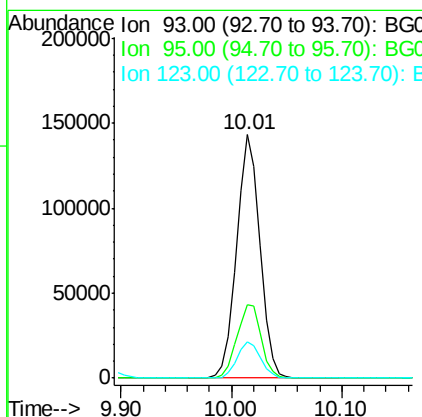
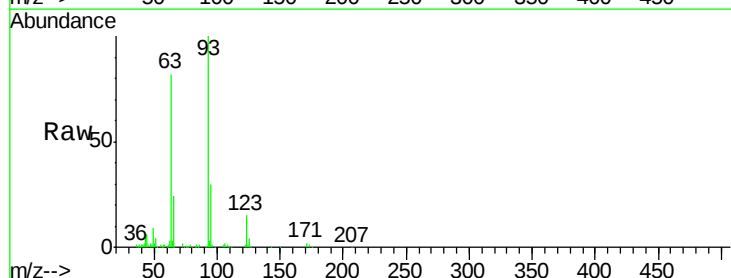
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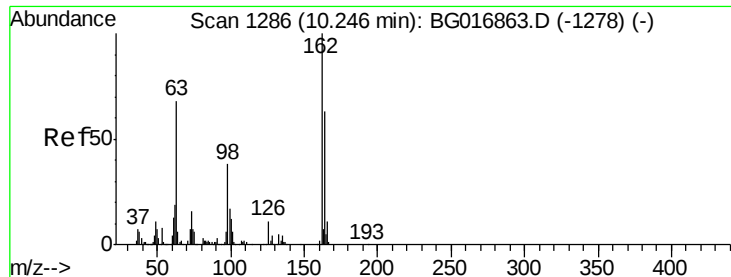
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.66 ng
 RT: 10.01 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	29.9	24.8	37.2	
123	15.1	12.6	19.0	





#29

2,4-Dichlorophenol

Concen: 38.12 ng

RT: 10.24 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

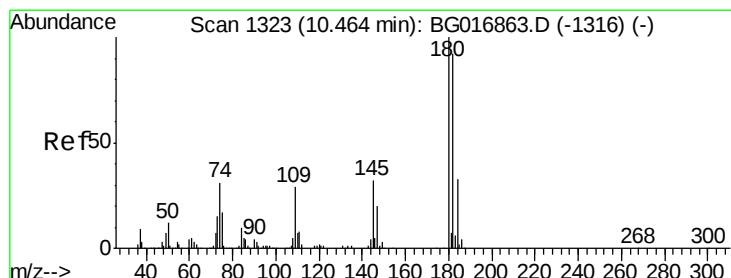
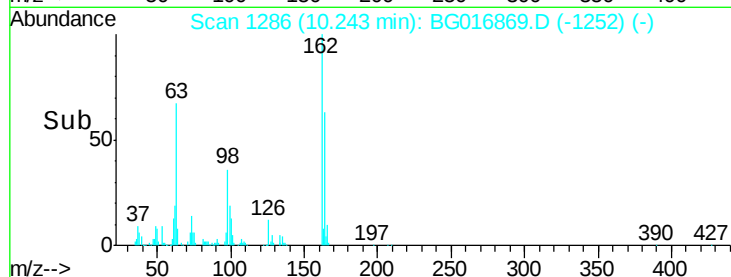
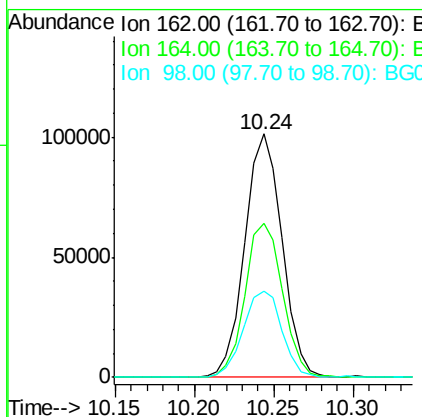
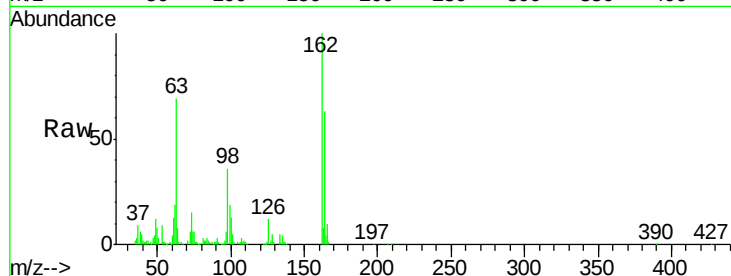
ClientSampleId :

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Tot Ion:	162	Resp:	165848
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.9	82.9
98	35.6	18.4	58.4

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#30

1,2,4-Trichlorobenzene

Concen: 34.21 ng

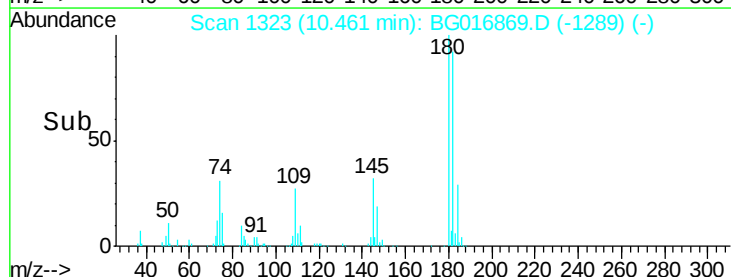
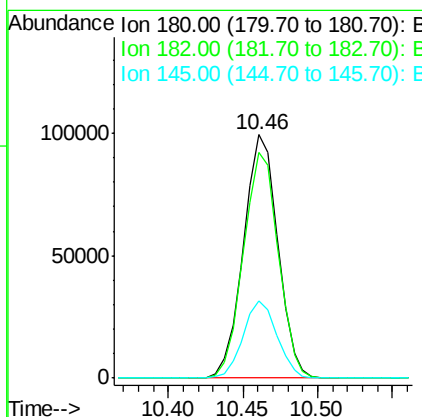
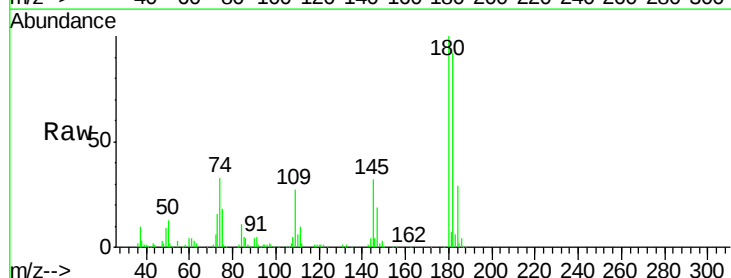
RT: 10.46 min Scan# 1323

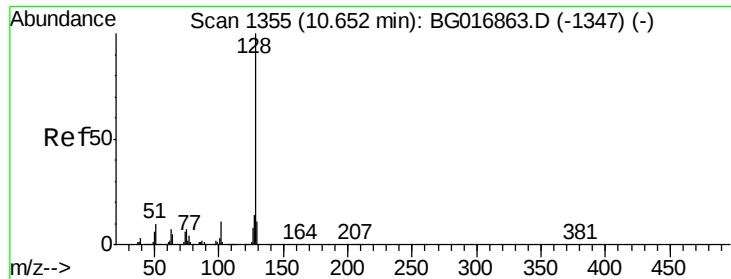
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	180	Resp:	157824
Ion Ratio	Lower	Upper	
180	100		
182	92.5	73.8	110.8
145	31.8	25.4	38.0





#31

Naphthalene

Concen: 33.05 ng

RT: 10.65 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

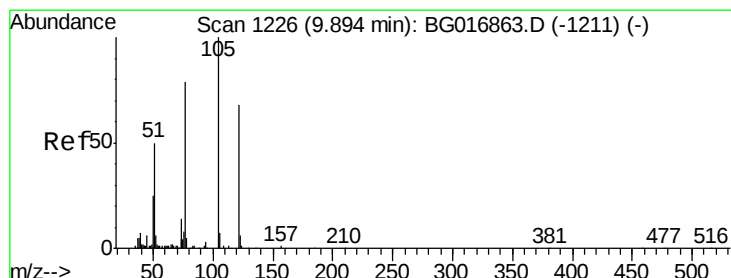
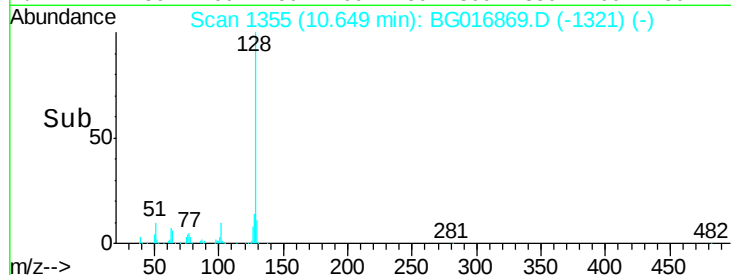
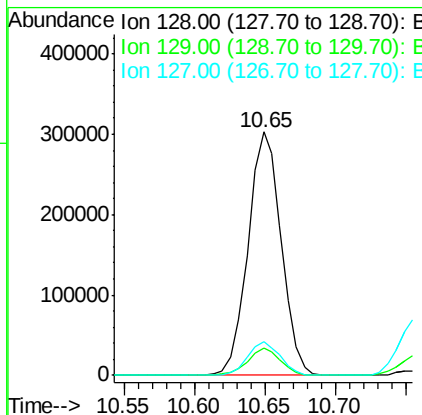
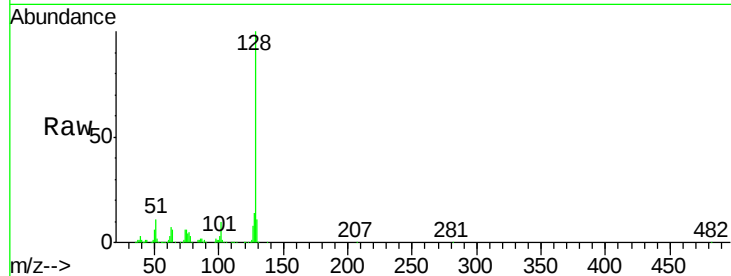
ClientSampleId :

PB83158BS

Tot Ion:	128	Resp:	496984
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.1	13.7
127	13.7	10.9	16.3

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#32

Benzoic acid

Concen: 38.67 ng

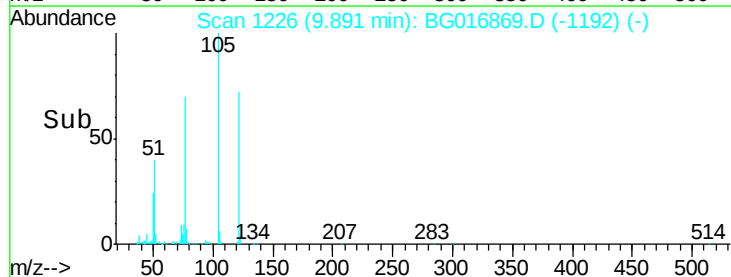
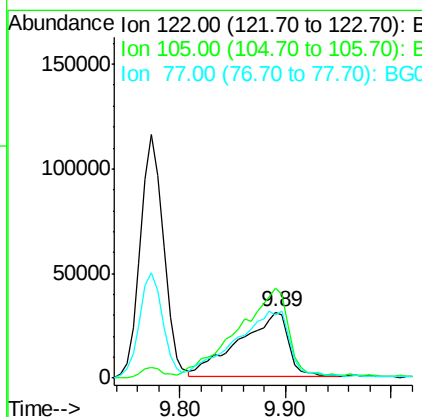
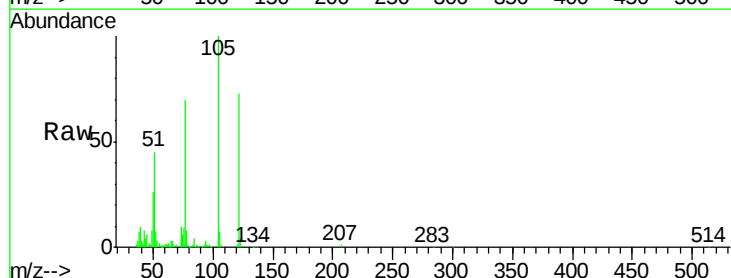
RT: 9.89 min Scan# 1226

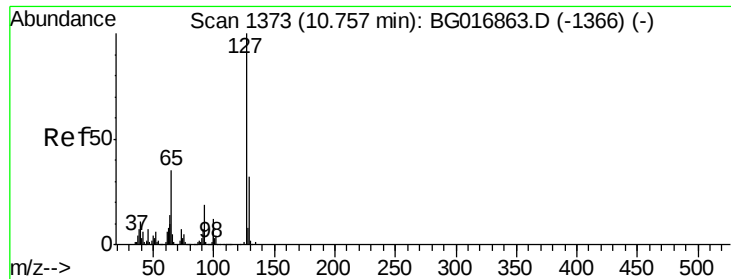
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	122	Resp:	100343
Ion Ratio	Lower	Upper	
122	100		
105	137.8	123.2	163.2
77	96.2	93.0	133.0





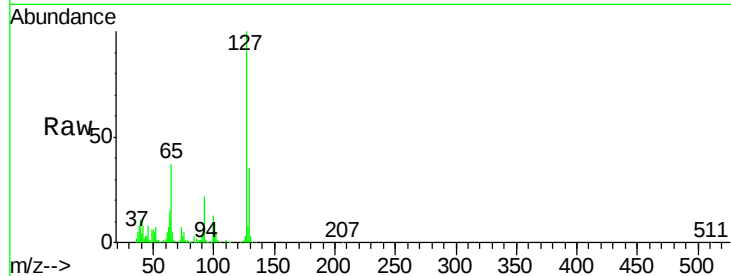
#33
4-Chloroaniline
Concen: 17.24 ng
RT: 10.75 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

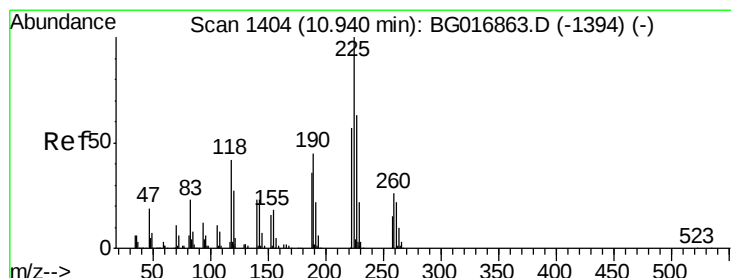
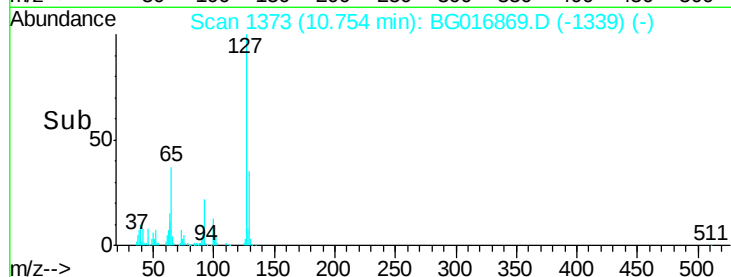
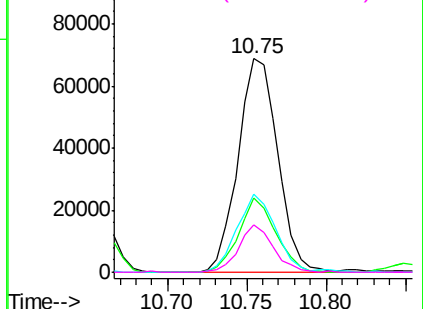
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.8	25.8	38.6		
65	36.7	28.2	42.2		
92	22.0	15.6	23.4		

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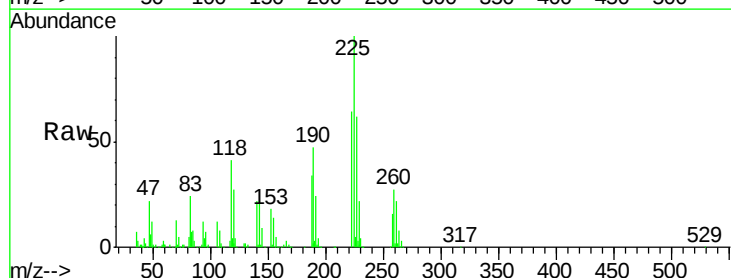


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

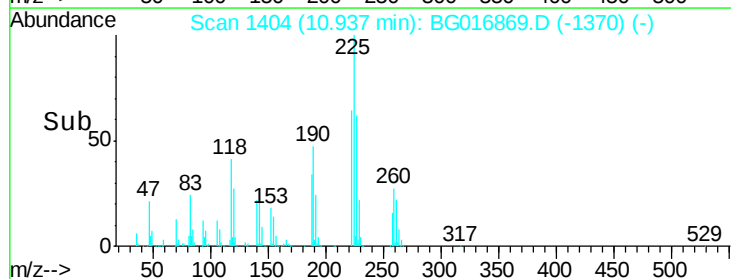
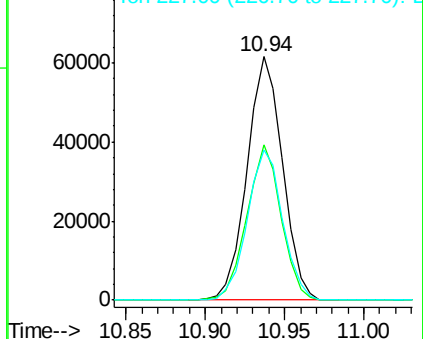


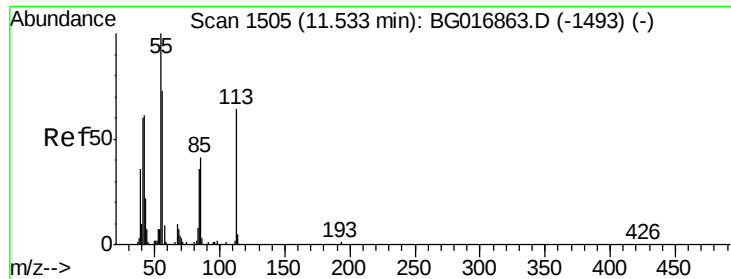
#34
Hexachlorobutadiene
Concen: 33.18 ng
RT: 10.94 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	45.8	68.6		
227	61.9	50.7	76.1		



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





#35

Caprolactam

Concen: 36.12 ng/ml

RT: 11.52 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

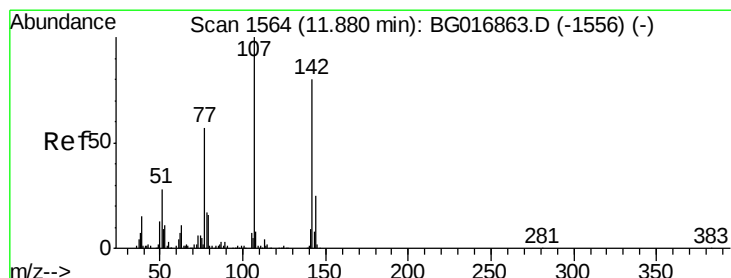
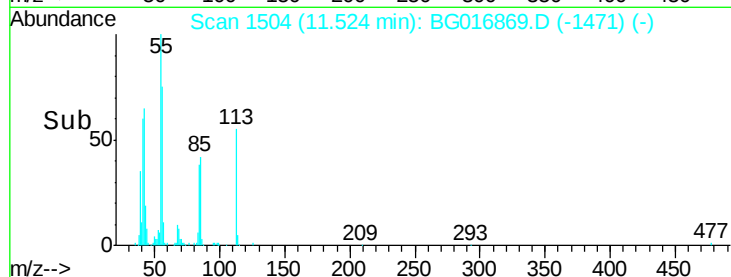
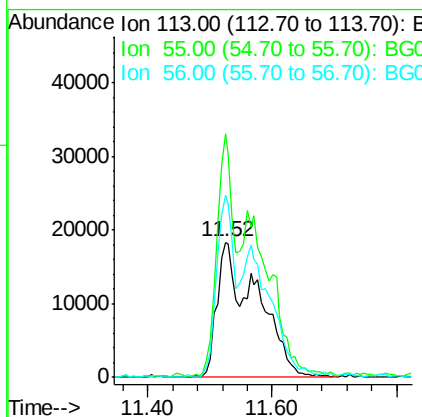
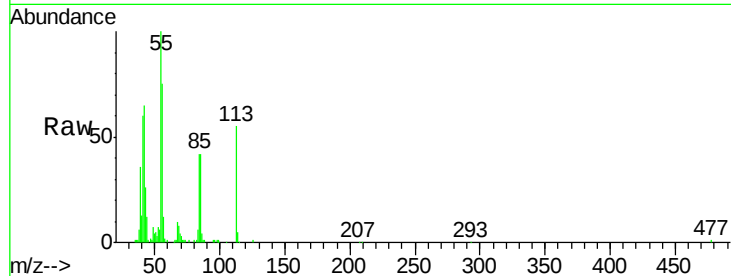
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	180.6		137.1	177.1#	
56	135.1		94.3	134.3#	

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#36

4-Chloro-3-methylphenol

Concen: 36.68 ng/ml

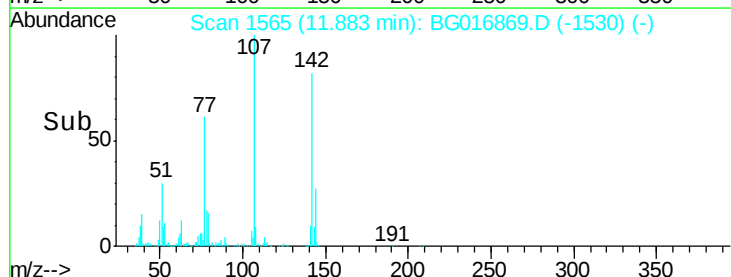
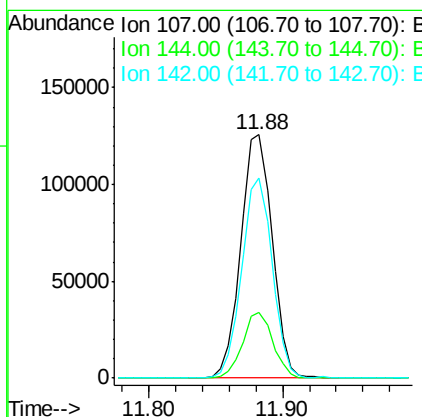
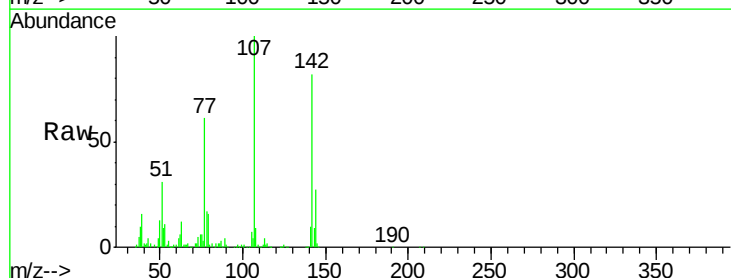
RT: 11.88 min Scan# 1565

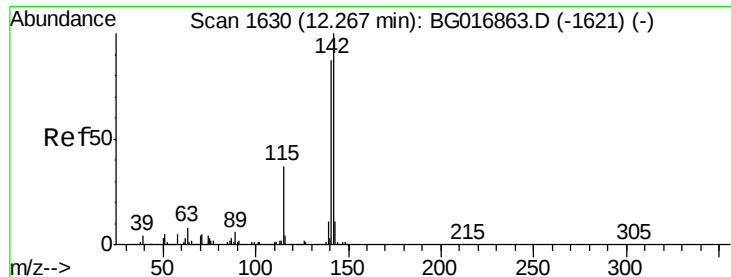
Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.2		20.2	30.2	
142	82.0		64.2	96.2	





#37

2-Methylnaphthalene

Concen: 33.88 ng

RT: 12.26 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

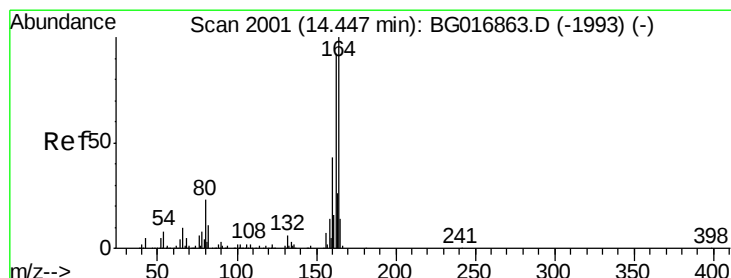
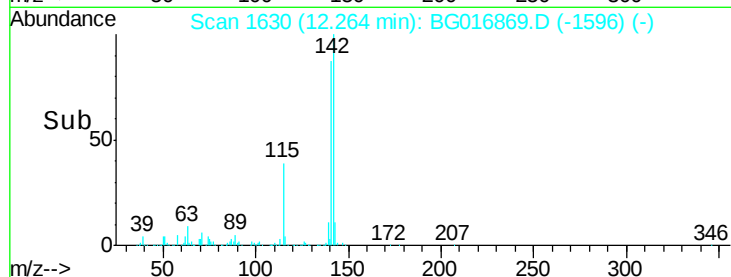
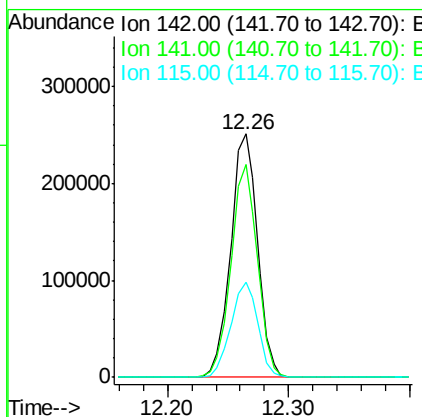
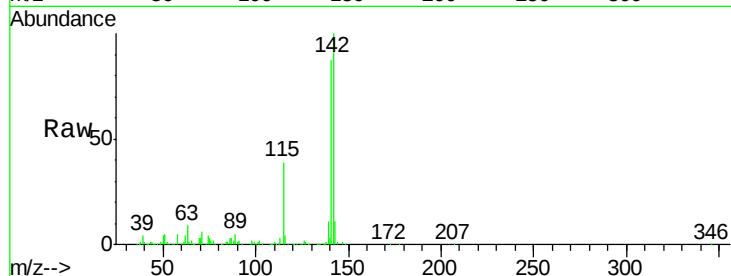
ClientSampleId :

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Tot Ion:	142	Resp:	388057
Ion Ratio	Lower	Upper	
142	100		
141	87.3	69.9	104.9
115	39.1	29.8	44.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

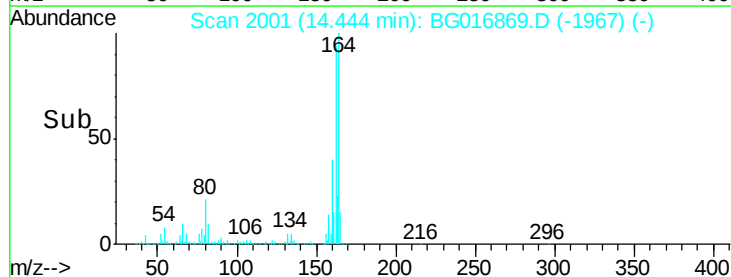
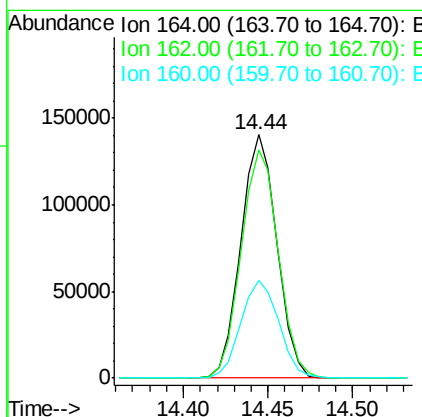
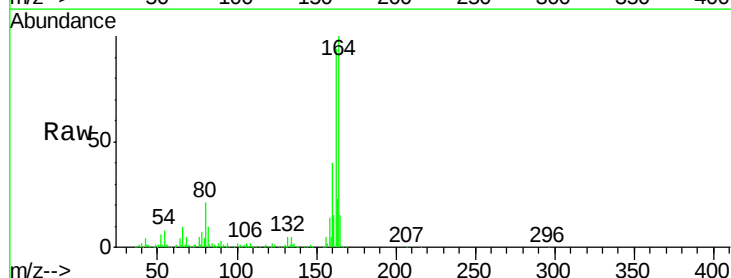
RT: 14.44 min Scan# 2001

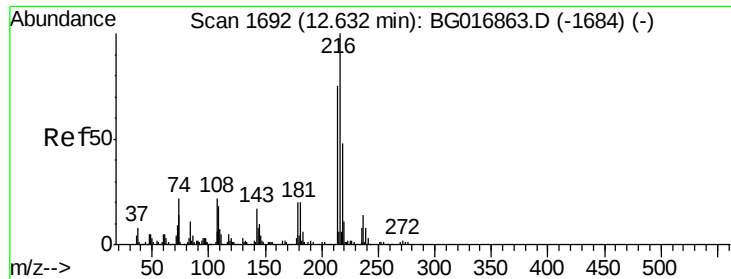
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	164	Resp:	207697
Ion Ratio	Lower	Upper	
164	100		
162	94.0	74.0	111.0
160	40.0	34.7	52.1





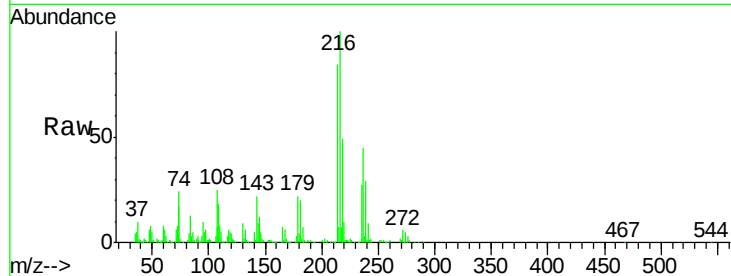
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.48 ng
 RT: 12.63 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

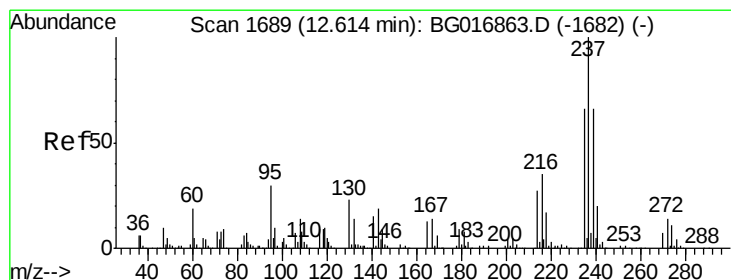
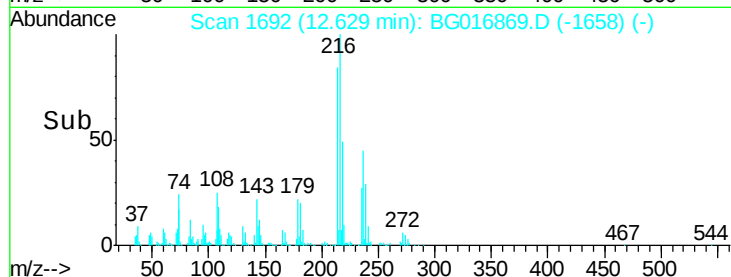
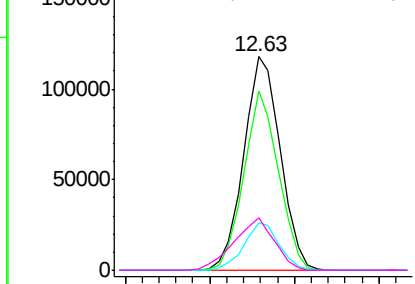
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		176764		
214	80.0	0.0	0.0#		
179	21.6	0.0	0.0#		
108	27.2	0.0	0.0#		

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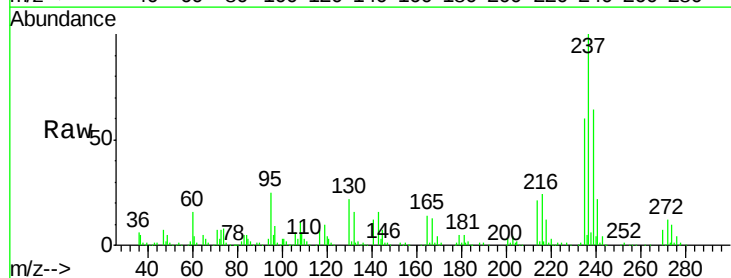


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

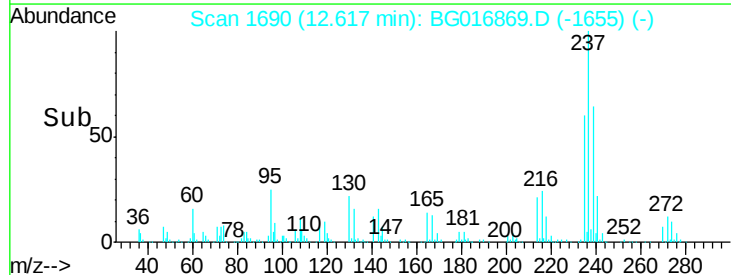
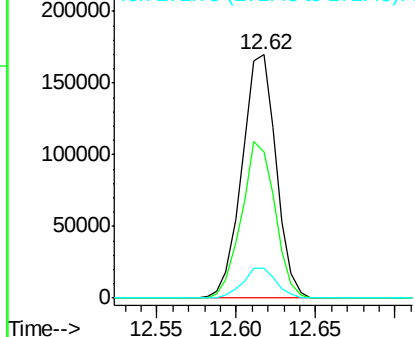


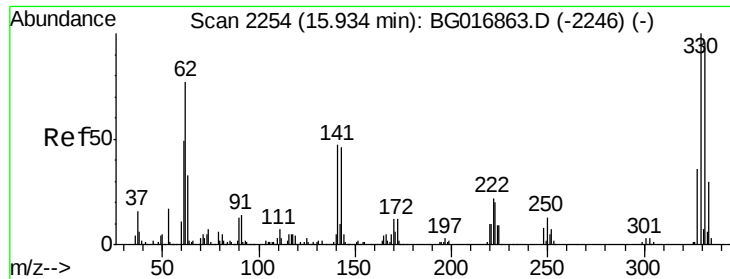
#40
 Hexachlorocyclopentadiene
 Concen: 69.68 ng
 RT: 12.62 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		252643		
235	59.9	45.5	85.5		
272	12.3	0.0	33.7		



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





#41

2,4,6-Tribromophenol

Concen: 110.96 ng

RT: 15.93 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

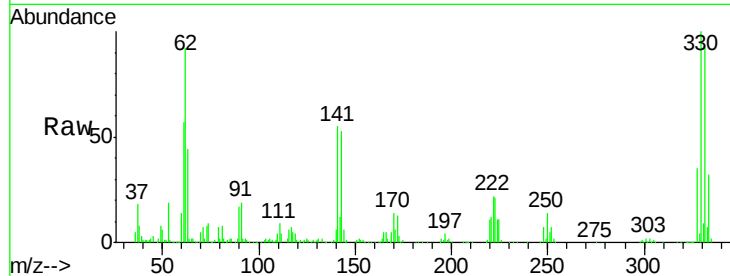
ClientSampleId :

PB83158BS

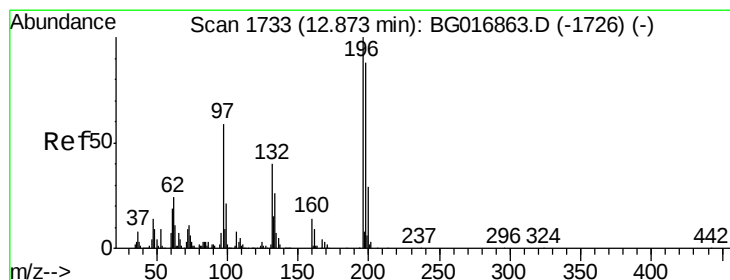
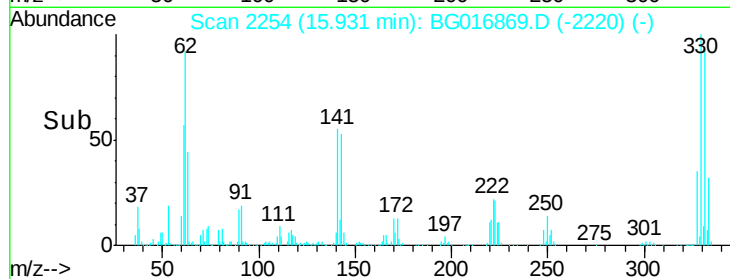
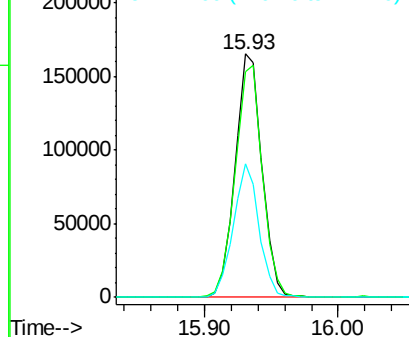
Tot Ion:	330	Resp:	231367
Ion Ratio	Lower	Upper	
330	100		
332	97.3	0.0	0.0#
141	53.3	0.0	0.0#

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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: 33.52 ng

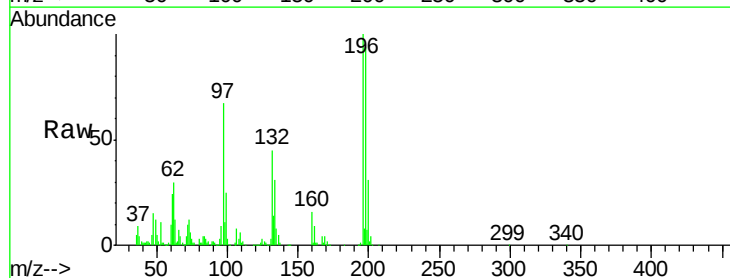
RT: 12.87 min Scan# 1733

Delta R.T. -0.00 min

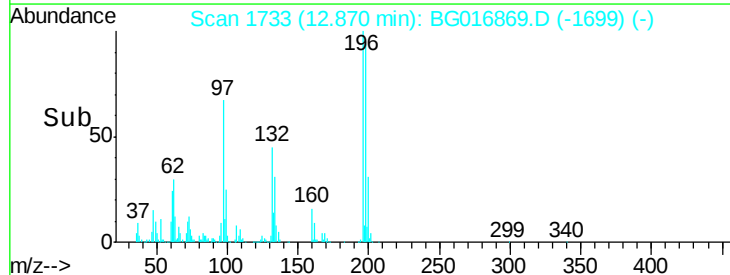
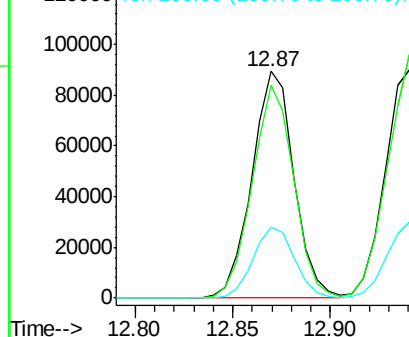
Lab File: BG016869.D

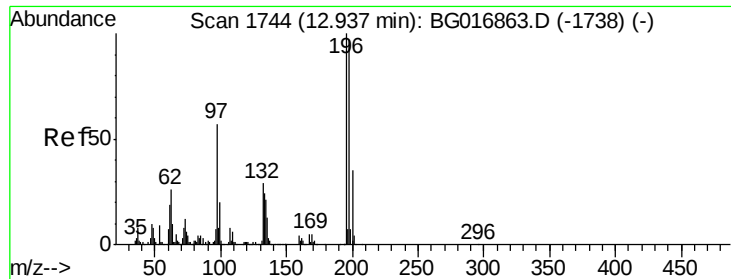
Acq: 5 May 2015 17:21

Tgt Ion:	196	Resp:	133359
Ion Ratio	Lower	Upper	
196	100		
198	94.1	70.7	106.1
200	31.2	23.0	34.4



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





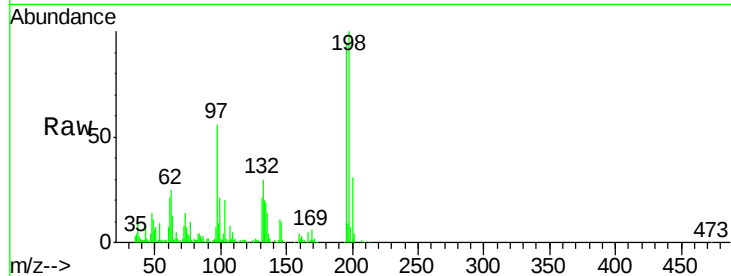
#43
2,4,5-Trichlorophenol
Concen: 34.03 ng
RT: 12.94 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

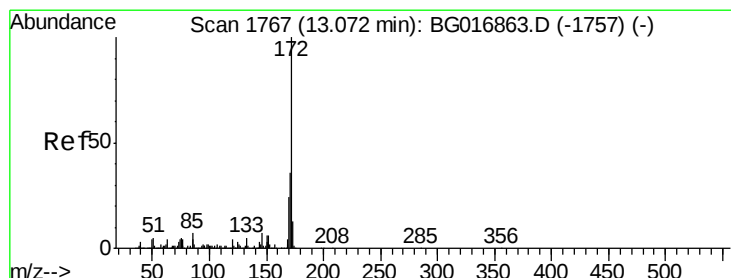
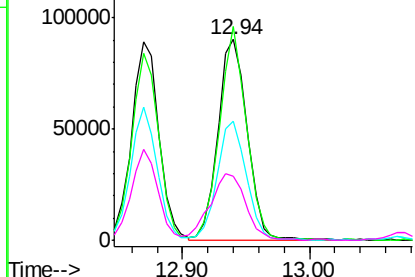
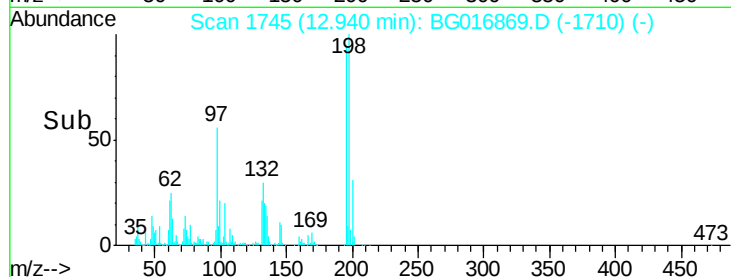
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	106.5	77.5	116.3		
97	59.6	45.9	68.9		
132	32.0	23.7	35.5		

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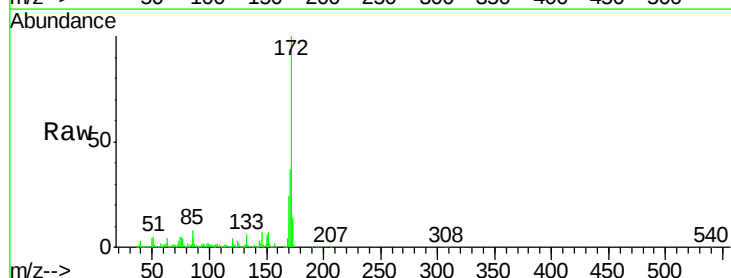


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

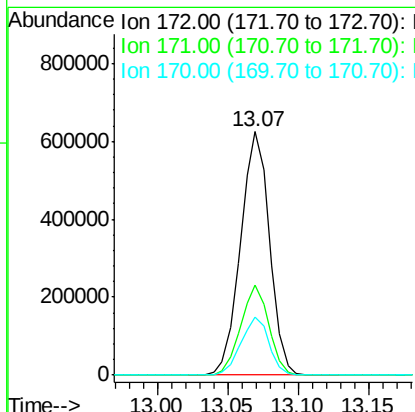
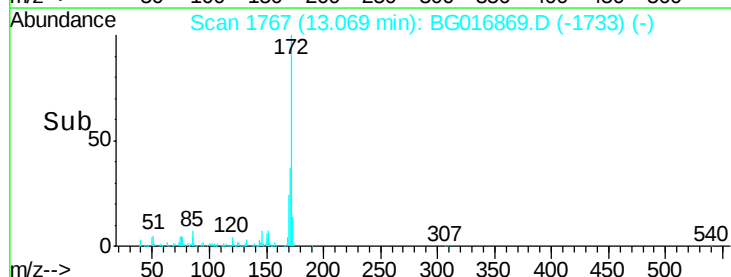


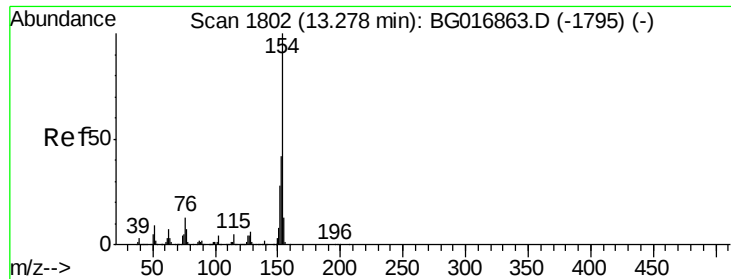
#44
2-Fluorobiphenyl
Concen: 64.83 ng
RT: 13.07 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	36.9	29.0	43.4		
170	23.9	19.0	28.4		



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





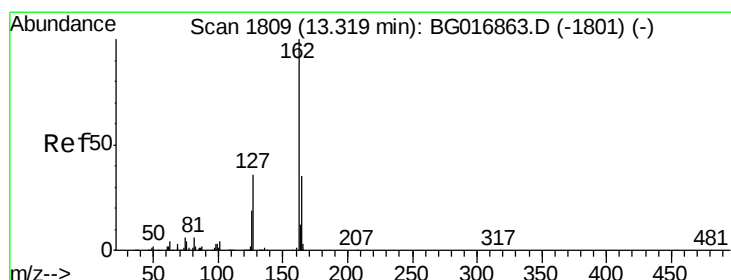
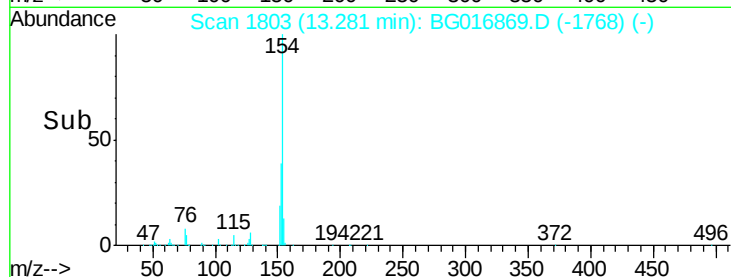
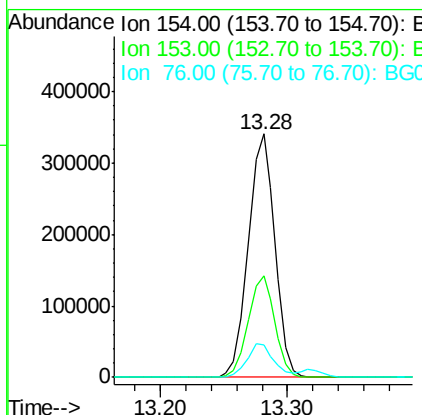
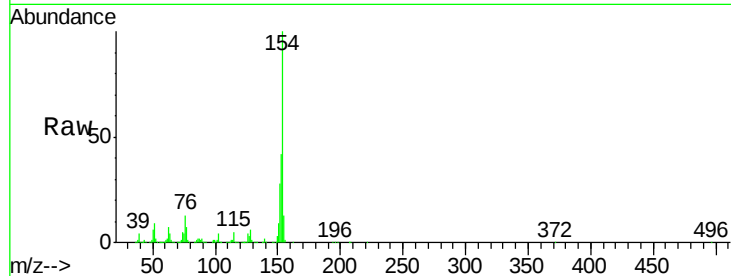
#45
1,1'-Biphenyl
Concen: 33.33 ng
RT: 13.28 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.0	62.0
76	13.5	0.0	33.3

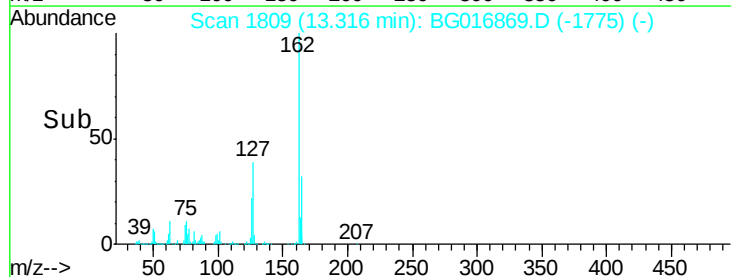
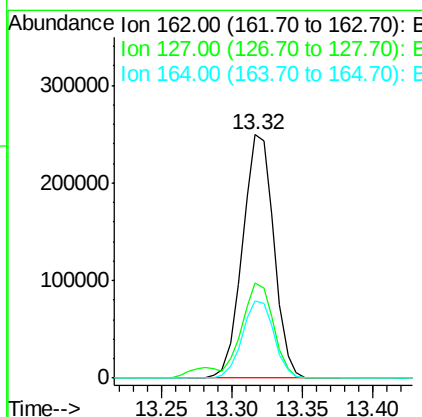
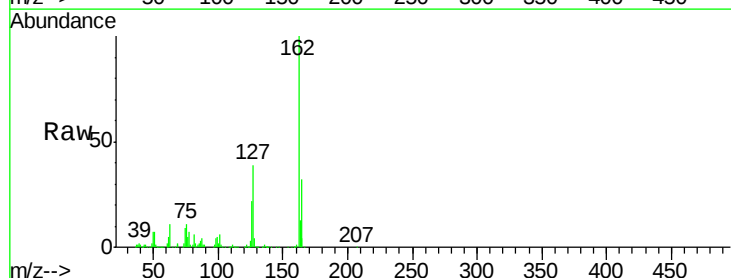
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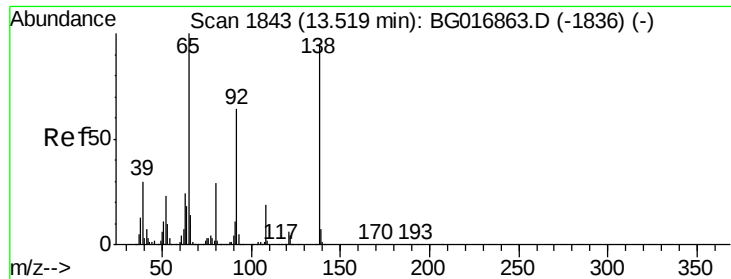
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#46
2-Chloronaphthalene
Concen: 32.74 ng
RT: 13.32 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	31.6	27.8	41.6





#47

2-Nitroaniline

Concen: 36.15 ng

RT: 13.52 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

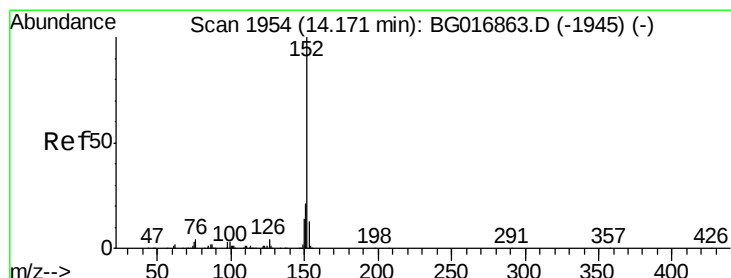
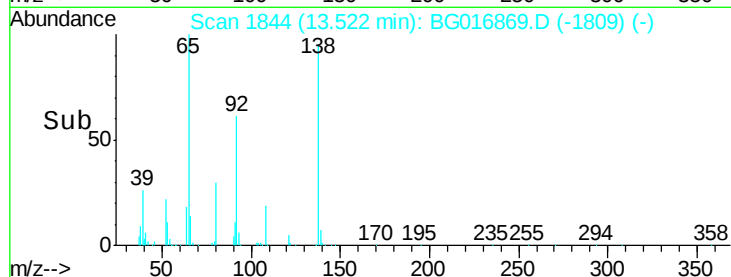
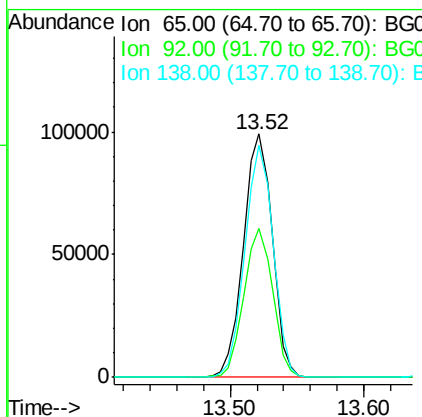
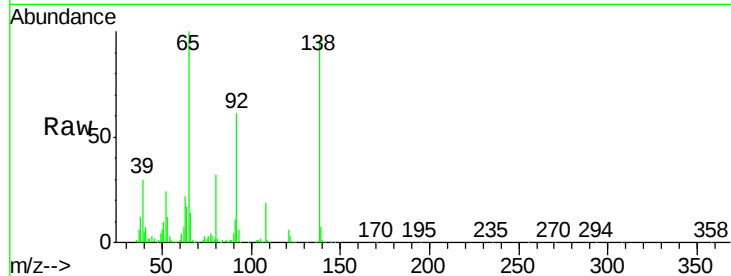
ClientSampleId :

PB83158BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.1	51.0	76.6
138	95.5	76.2	114.2

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#48

Acenaphthylene

Concen: 32.20 ng

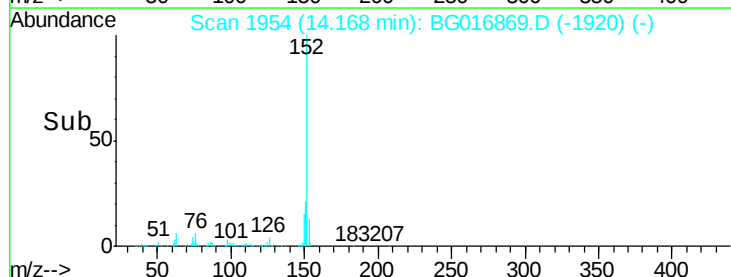
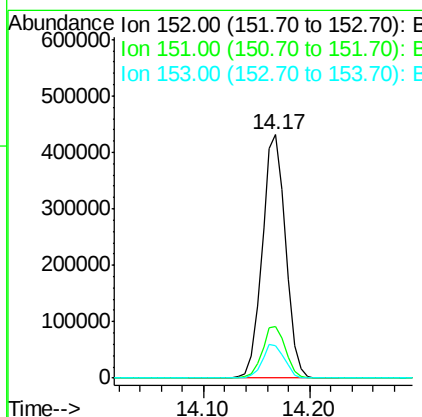
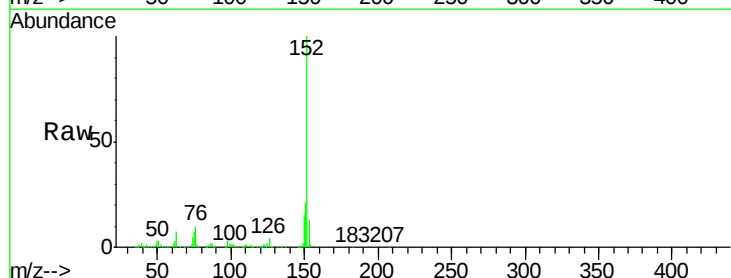
RT: 14.17 min Scan# 1954

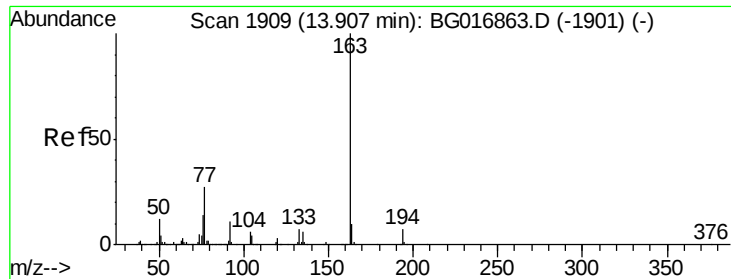
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	13.4	10.7	16.1





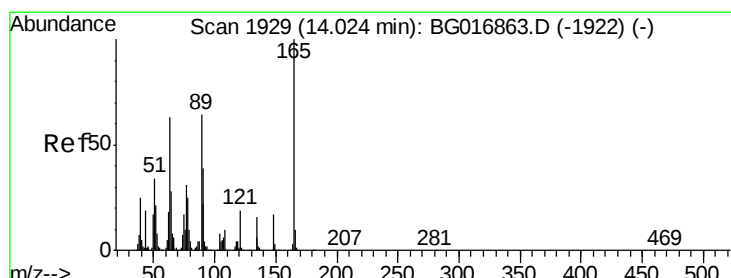
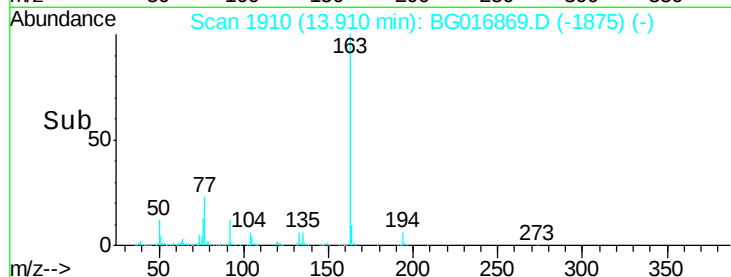
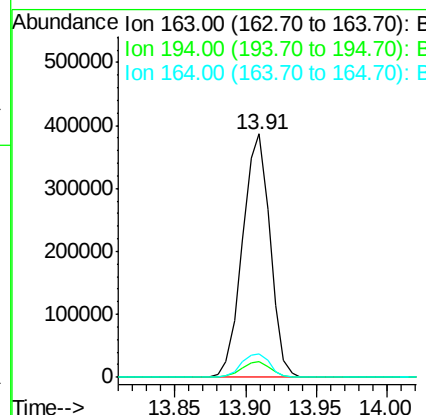
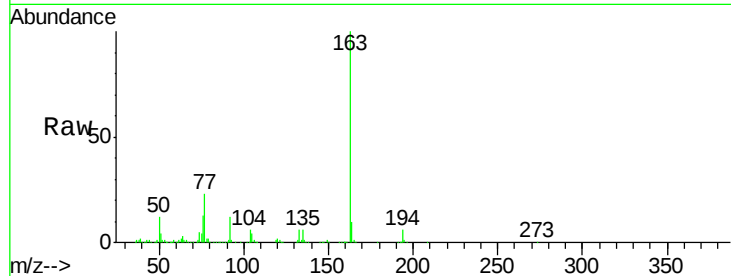
#49
Dimethylphthalate
Concen: 33.98 ng
RT: 13.91 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	526924		
194	6.3		5.2	7.8
164	9.8		8.4	12.6

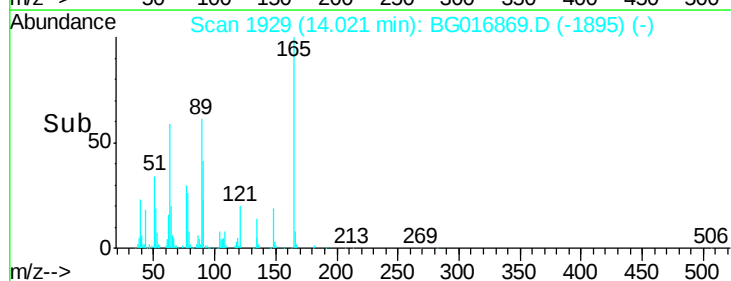
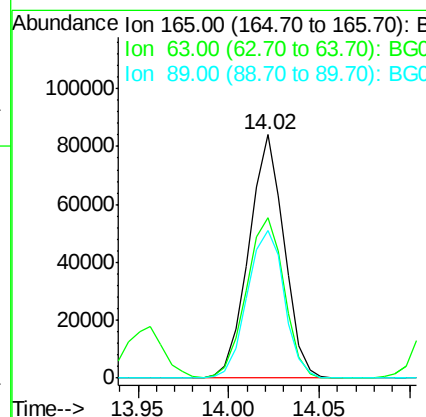
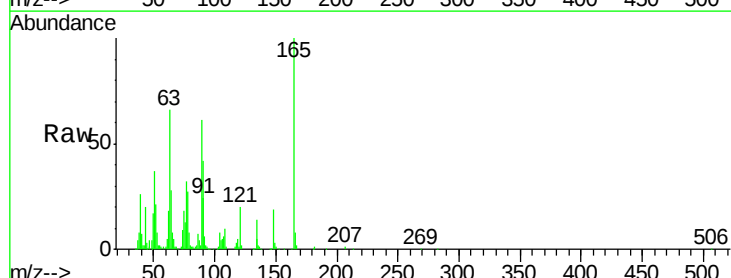
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#50
2,6-Dinitrotoluene
Concen: 35.43 ng
RT: 14.02 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114094		
63	66.1		50.9	76.3
89	60.9		51.4	77.2





#51

Acenaphthene

Concen: 32.57 ng

RT: 14.51 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

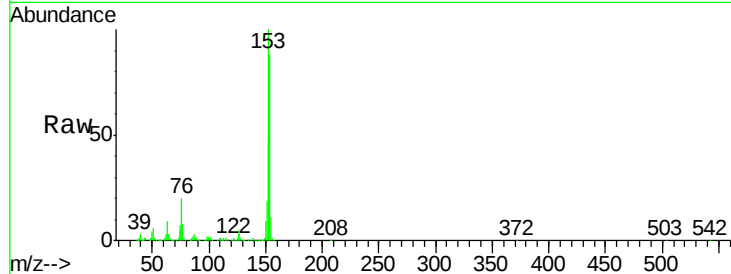
ClientSampleId :

PB83158BS

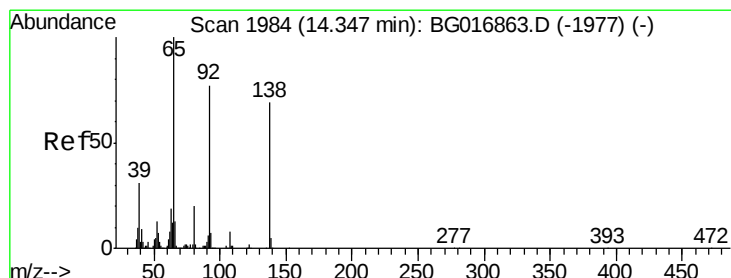
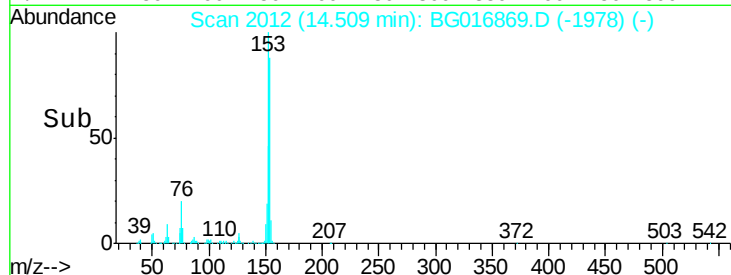
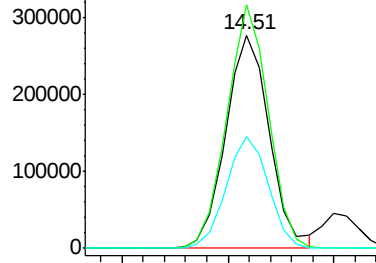
Tot Ion:	154	Resp:	397586
Ion Ratio	Lower	Upper	
154	100		
153	114.1	84.2	126.4
152	52.7	40.2	60.2

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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: 23.14 ng

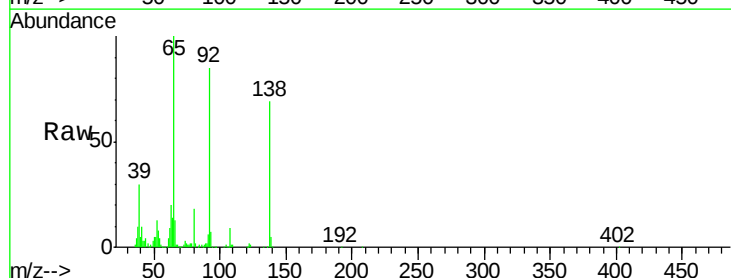
RT: 14.35 min Scan# 1985

Delta R.T. 0.00 min

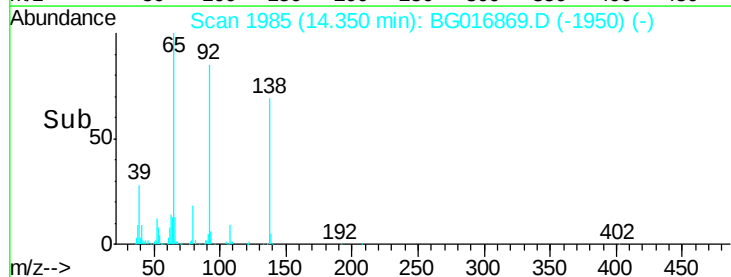
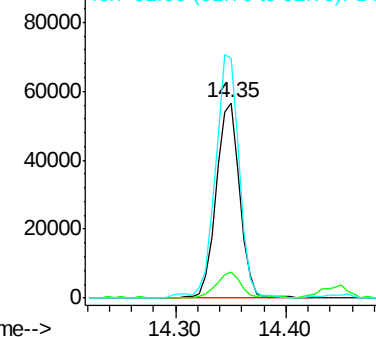
Lab File: BG016869.D

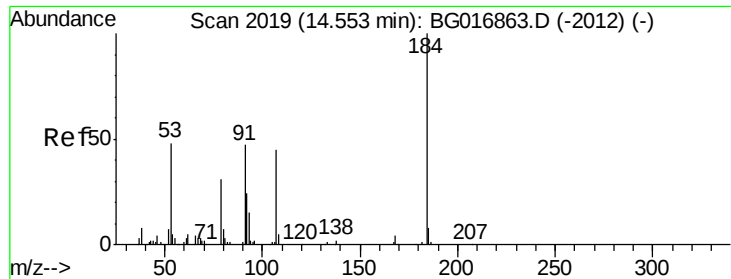
Acq: 5 May 2015 17:21

Tgt Ion:	138	Resp:	84760
Ion Ratio	Lower	Upper	
138	100		
108	13.2	9.5	14.3
92	122.9	89.6	134.4



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





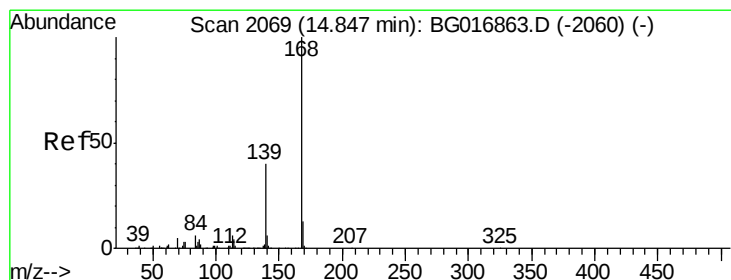
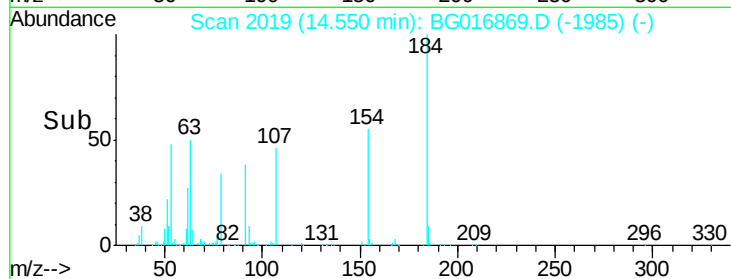
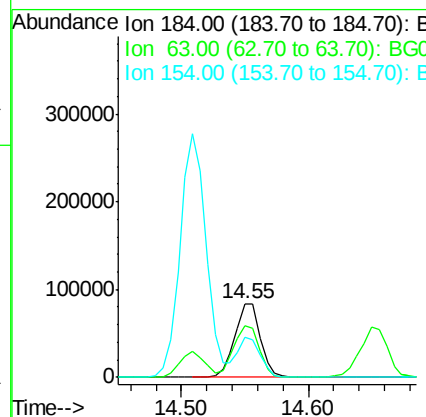
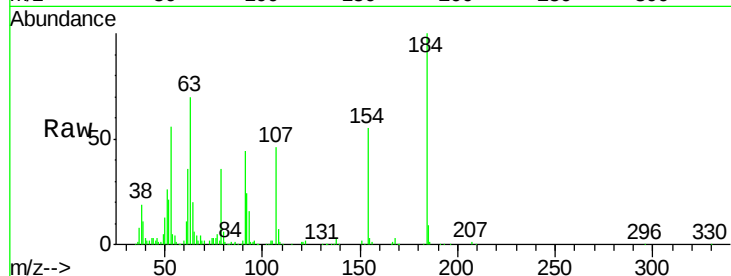
#53
2,4-Dinitrophenol
Concen: 79.24 ng
RT: 14.55 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	116705		
63	69.8	53.4	80.0	
154	54.6	41.0	61.6	

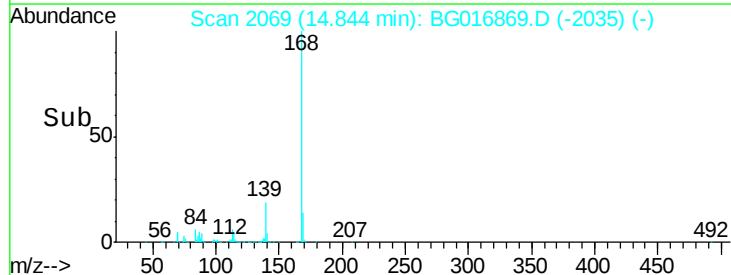
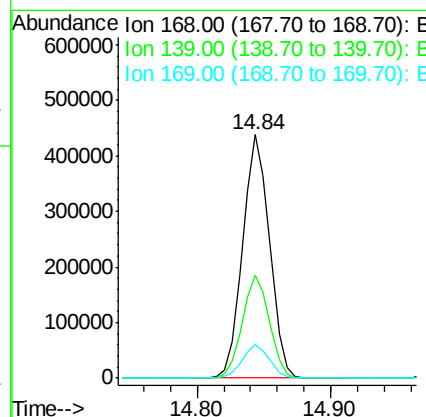
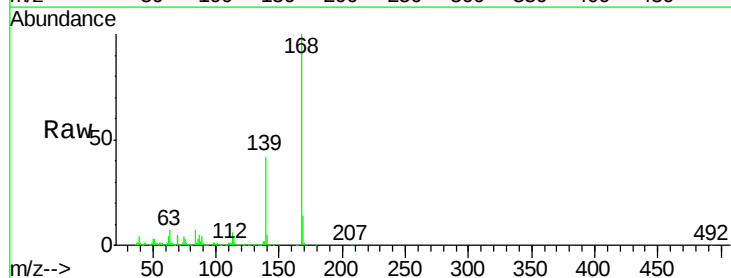
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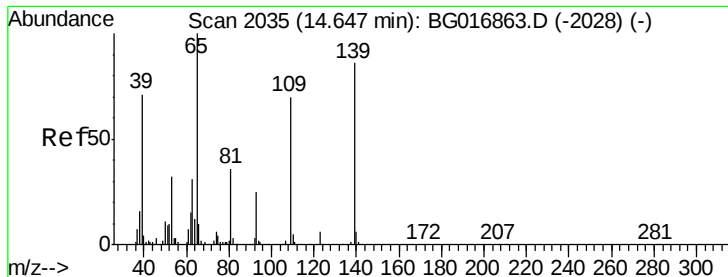
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#54
Dibenzofuran
Concen: 34.98 ng
RT: 14.84 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	606255		
139	42.3	32.5	48.7	
169	13.6	10.4	15.6	





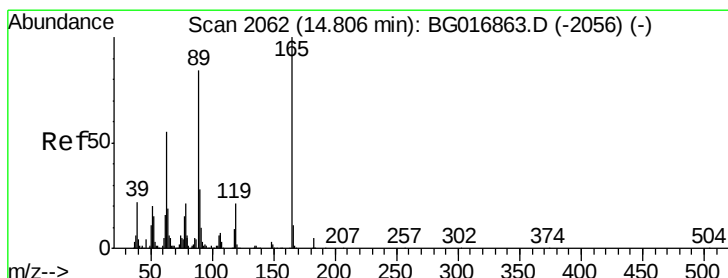
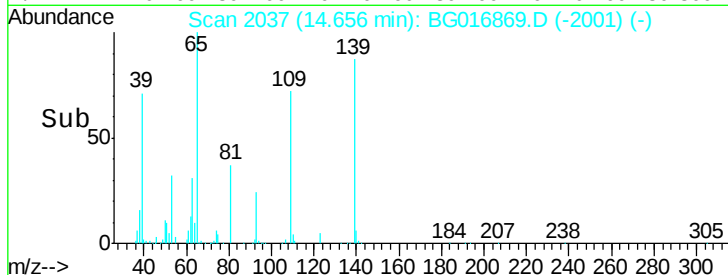
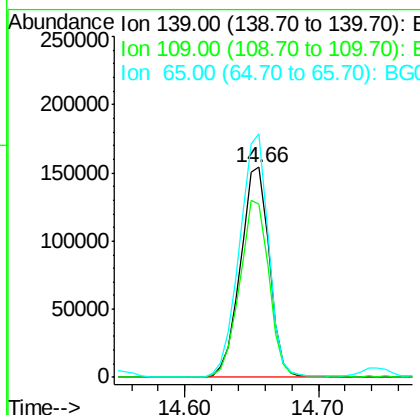
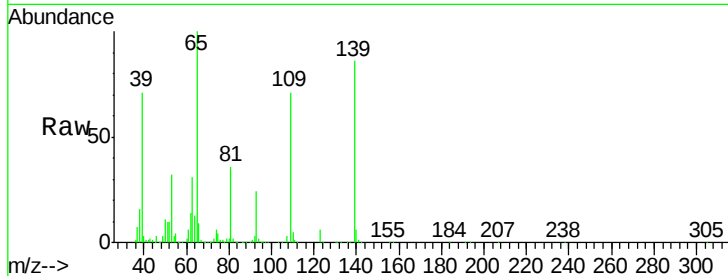
#55
4-Nitrophenol
Concen: 74.20 ng
RT: 14.66 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	230497		
109	82.4	61.8	101.8	
65	115.8	96.8	136.8	

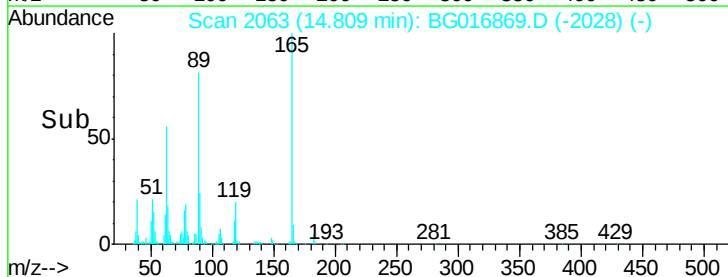
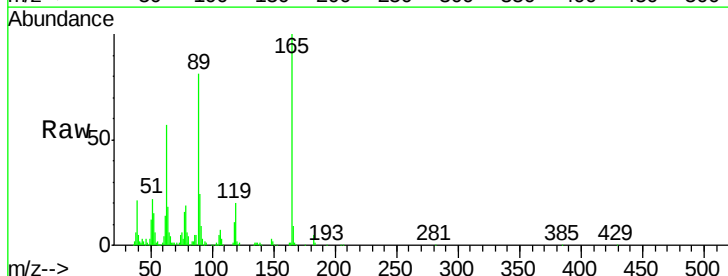
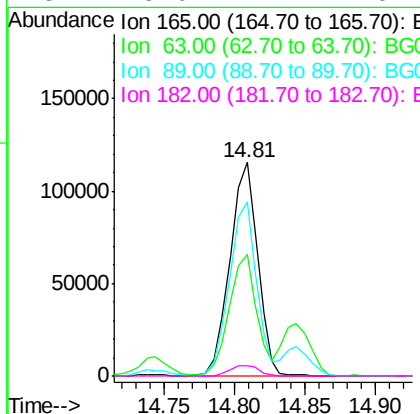
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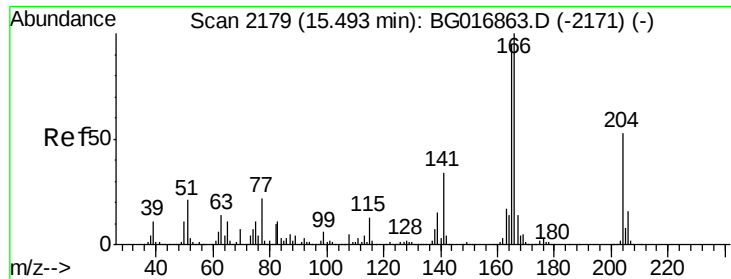
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#56
2,4-Dinitrotoluene
Concen: 38.50 ng
RT: 14.81 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158599		
63	56.7	44.2	66.4	
89	81.4	67.2	100.8	
182	5.0	4.2	6.4	





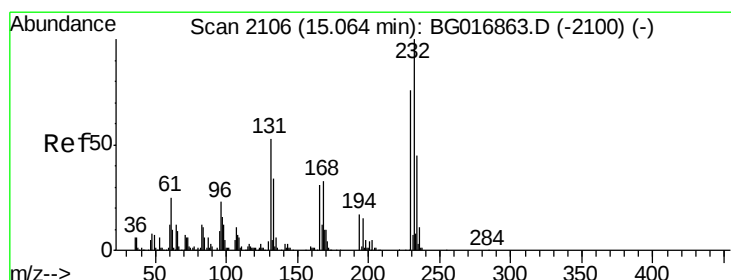
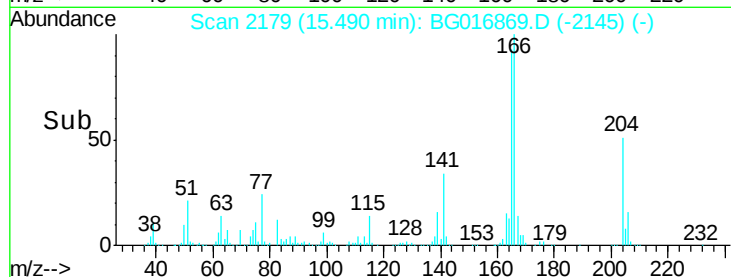
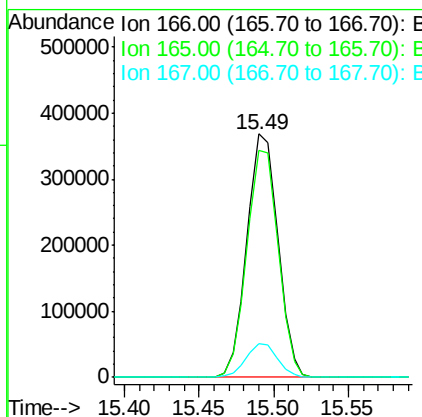
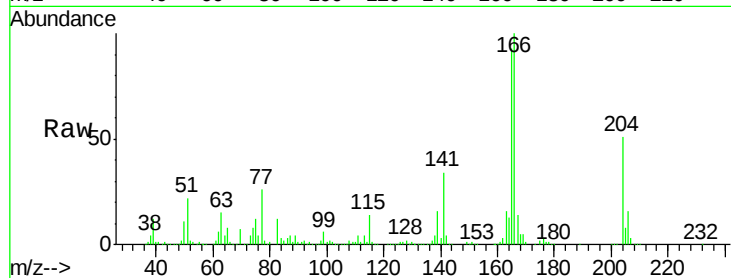
#57
Fluorene
 Concen: 34.46 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.0	76.1	114.1	
167	14.1	11.4	17.2	

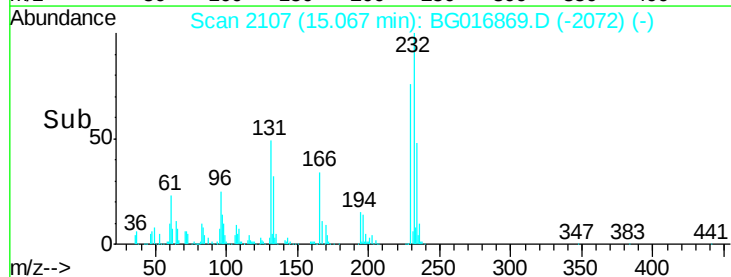
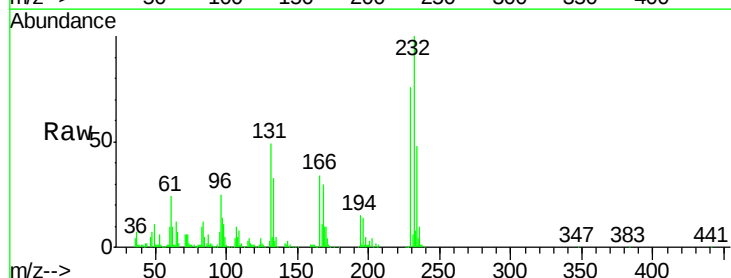
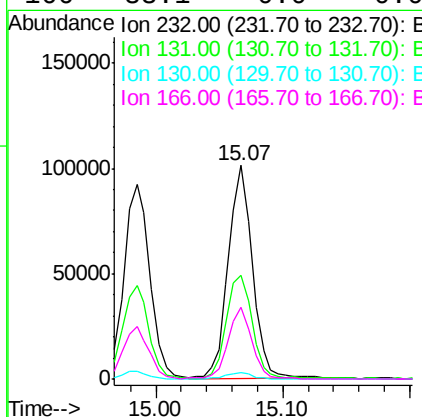
Manual Integrations
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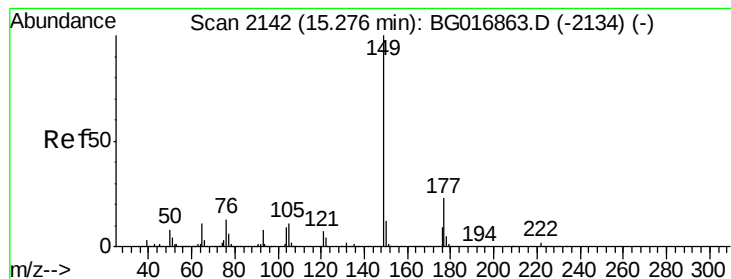
apatel
 5/6/2015 5:17:47 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.69 ng
 RT: 15.07 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.7	0.1	0.1#	
130	3.5	0.0	0.0#	
166	33.1	0.0	0.0#	





#59

Diethylphthalate

Concen: 35.00 ng

RT: 15.27 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

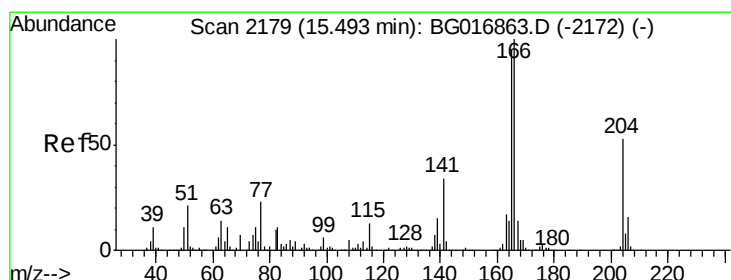
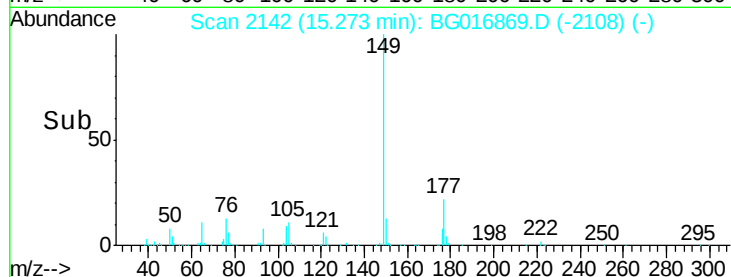
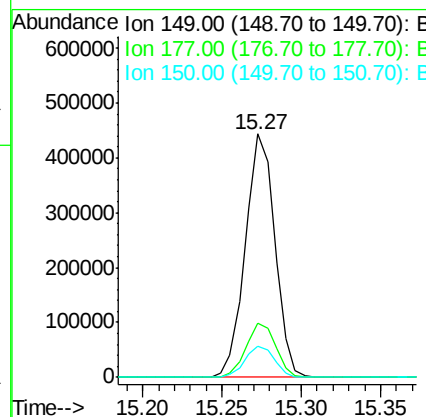
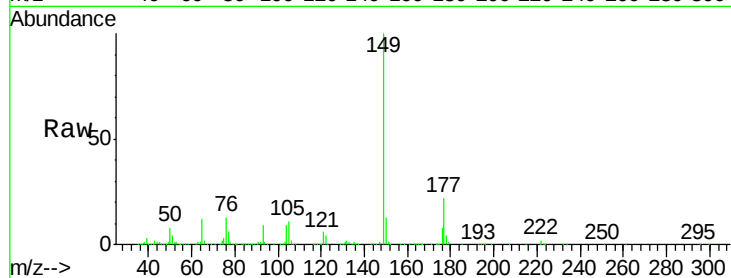
ClientSampleId :

PB83158BS

Tot Ion:	149	Resp:	572948
Ion Ratio	Lower	Upper	
149	100		
177	22.3	18.6	27.8
150	12.7	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 33.73 ng

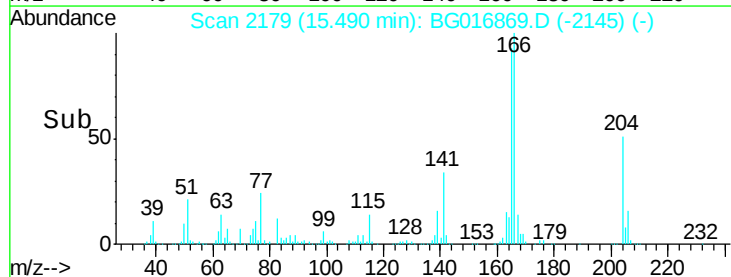
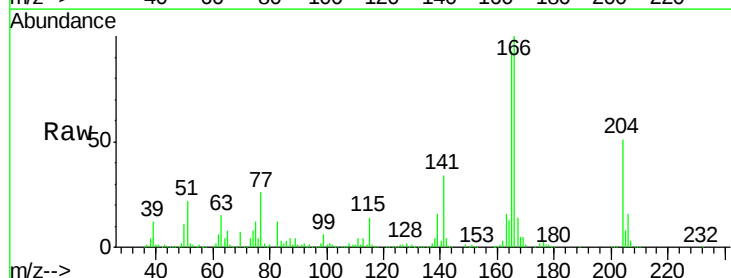
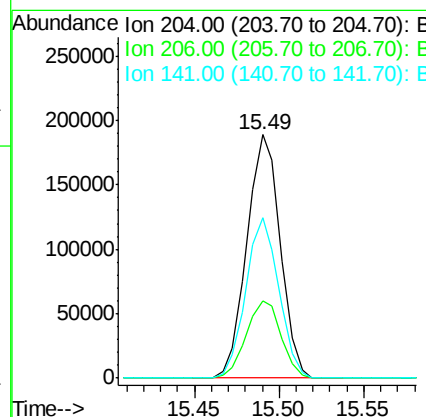
RT: 15.49 min Scan# 2179

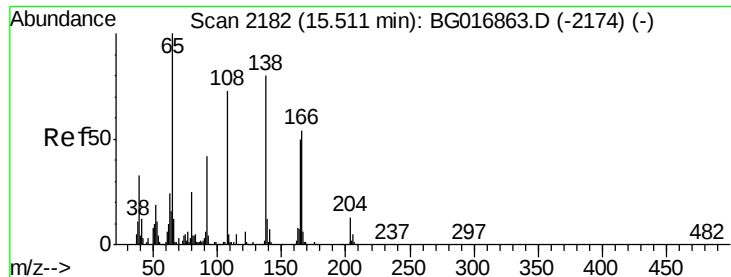
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	204	Resp:	260062
Ion Ratio	Lower	Upper	
204	100		
206	31.8	24.8	37.2
141	66.0	52.4	78.6





#61

4-Nitroaniline

Concen: 34.80 ng

RT: 15.51 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

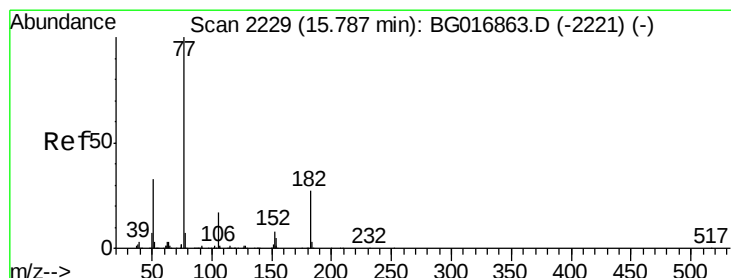
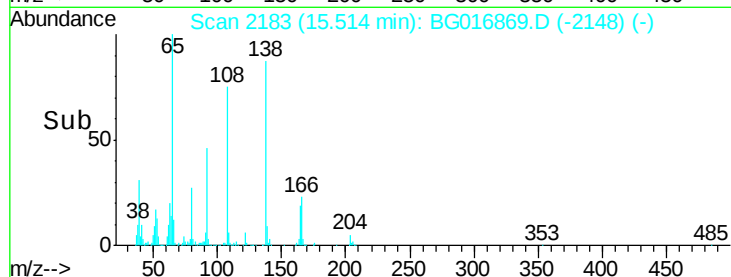
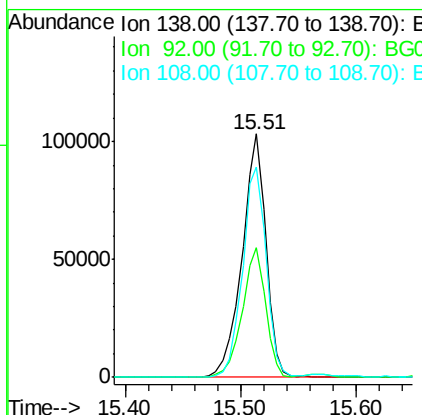
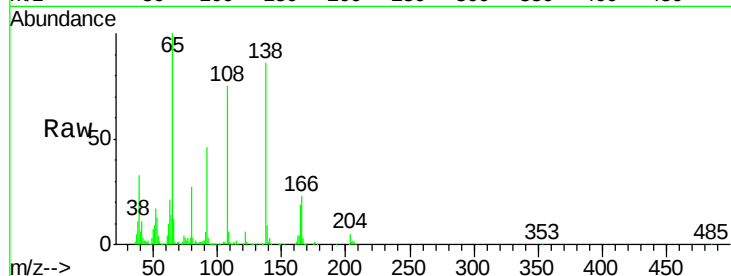
ClientSampleId :

PB83158BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	31.8	71.8
108	86.6	70.6	110.6

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#62

Azobenzene

Concen: 36.62 ng

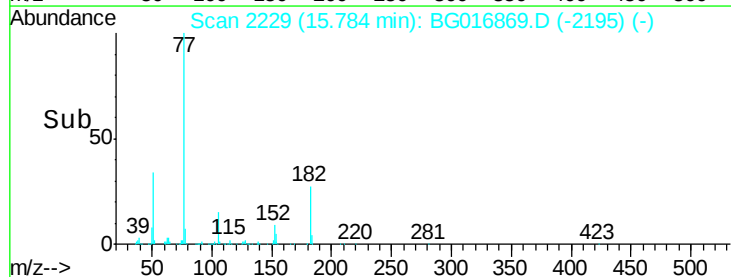
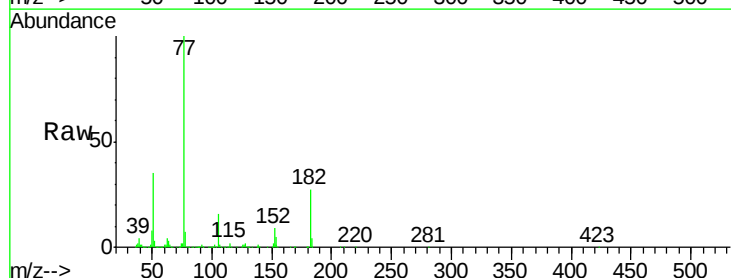
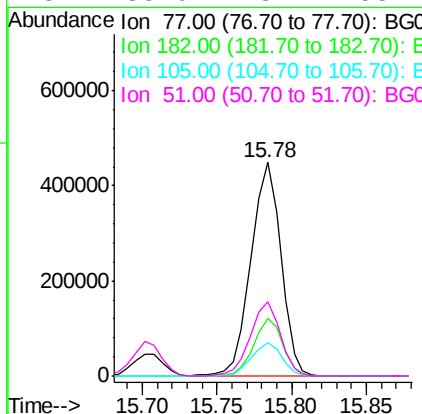
RT: 15.78 min Scan# 2229

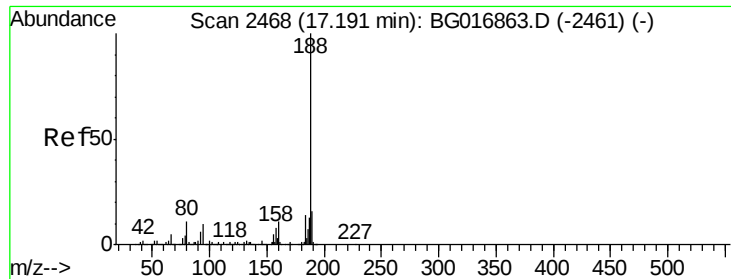
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.4	47.4
105	15.5	0.0	36.6
51	35.0	13.4	53.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.19 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

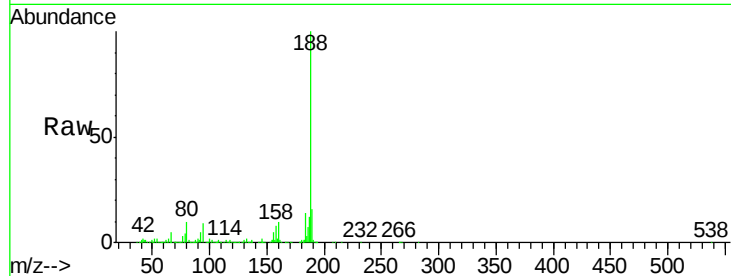
ClientSampleId :

PB83158BS

Tot Ion:	188	Resp:	480610
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.2	12.4
80	10.5	8.8	13.2

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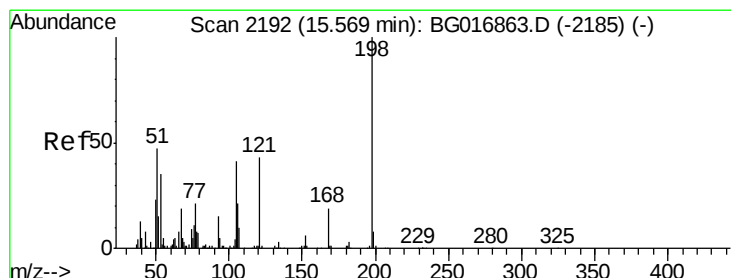
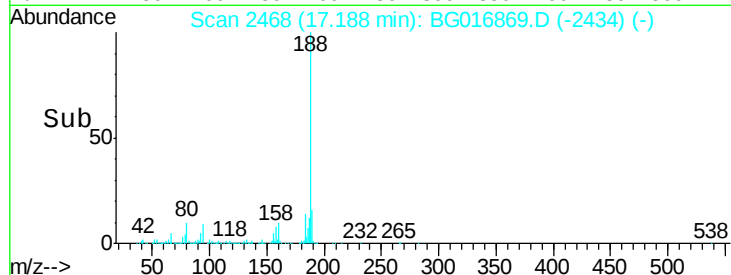
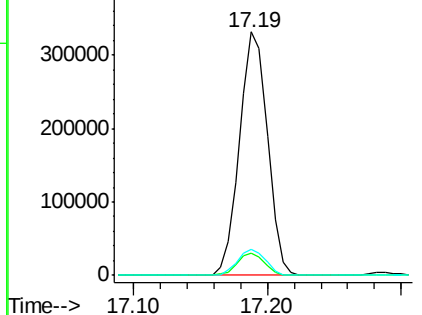
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 32.71 ng

RT: 15.57 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG016869.D

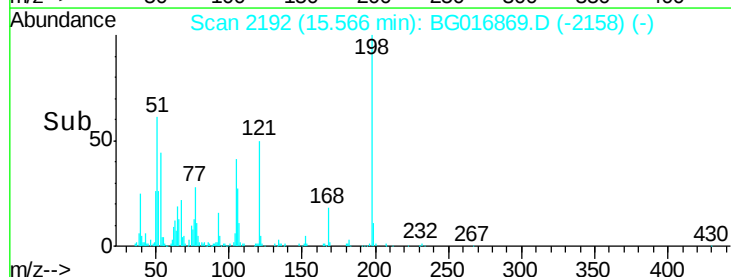
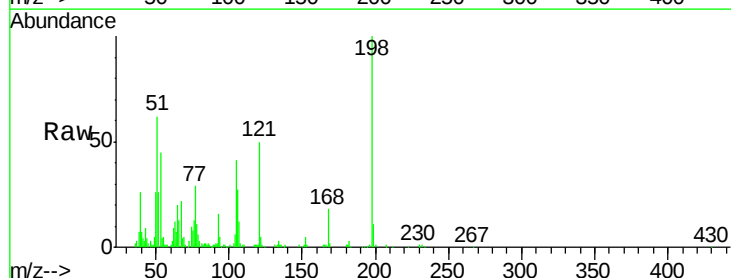
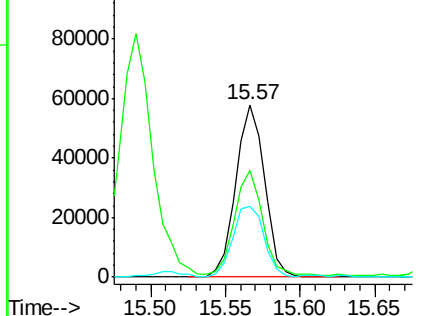
Acq: 5 May 2015 17:21

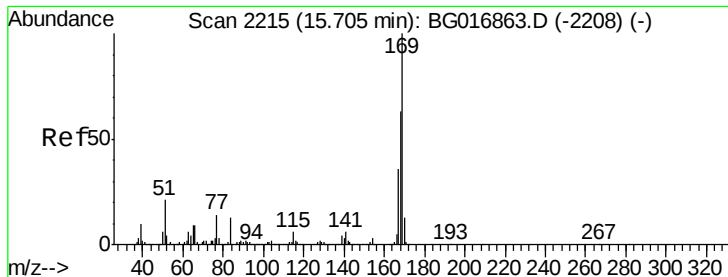
Tgt Ion:	198	Resp:	77950
Ion Ratio	Lower	Upper	
198	100		
51	62.1	31.2	71.2
105	41.3	22.0	62.0

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: 31.95 ng

RT: 15.70 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

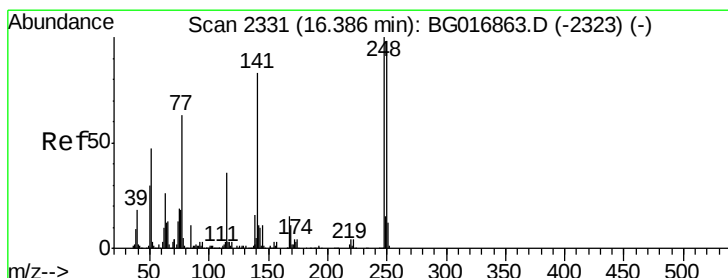
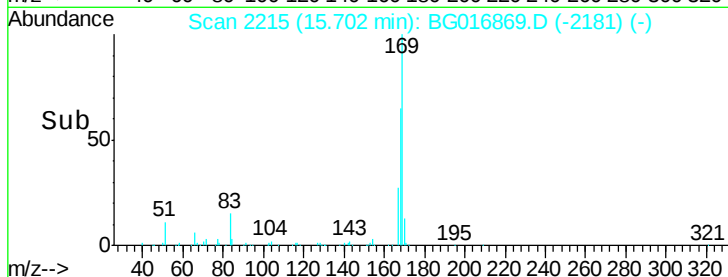
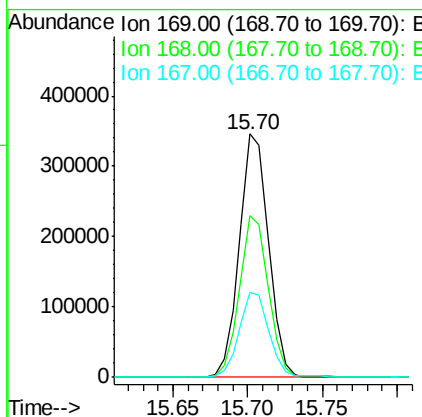
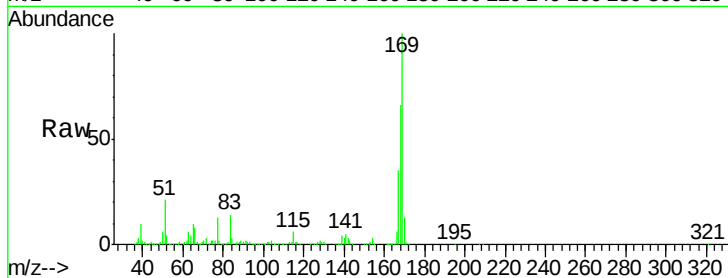
ClientSampleId :

PB83158BS

Tot Ion:	169	Resp:	468726
Ion Ratio	Lower	Upper	
169	100		
168	66.3	50.6	76.0
167	35.0	29.0	43.4

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#66

4-Bromophenyl-phenylether

Concen: 32.80 ng

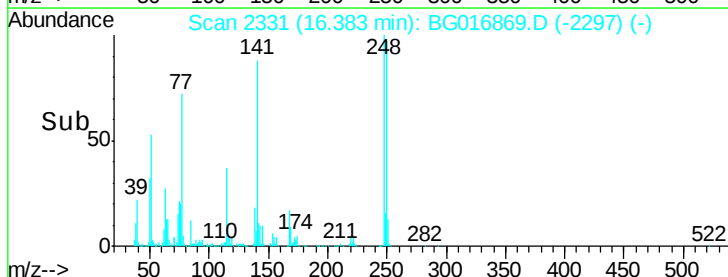
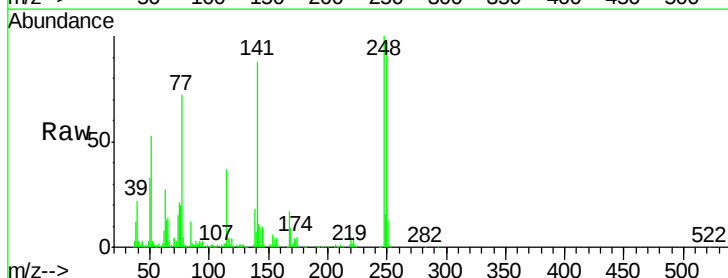
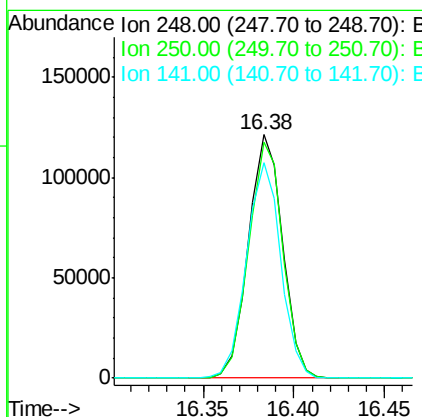
RT: 16.38 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	248	Resp:	158217
Ion Ratio	Lower	Upper	
248	100		
250	96.7	78.6	117.8
141	88.4	66.3	99.5





#67

Hexachlorobenzene

Concen: 33.27 ng

RT: 16.49 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

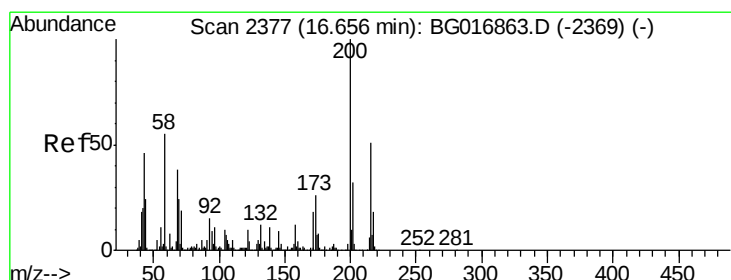
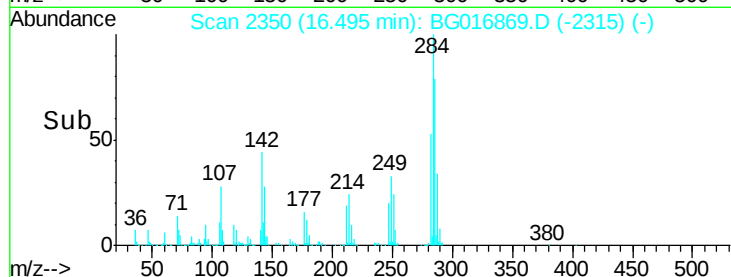
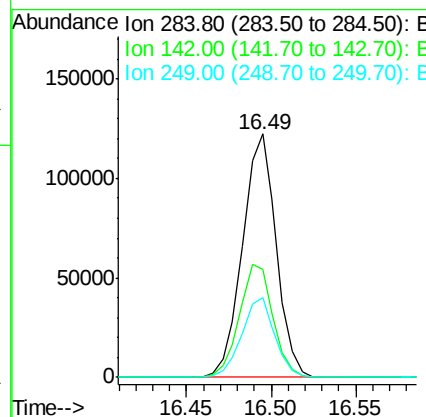
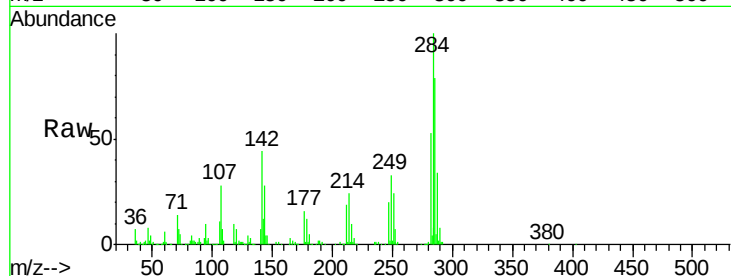
ClientSampleId :

PB83158BS

Tot Ion:	284	Resp:	169235
Ion Ratio		Lower	Upper
284	100		
142	44.3	37.4	56.0
249	32.9	25.5	38.3

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#68

Atrazine

Concen: 36.29 ng

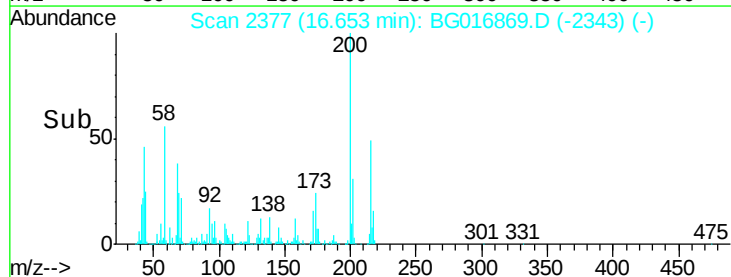
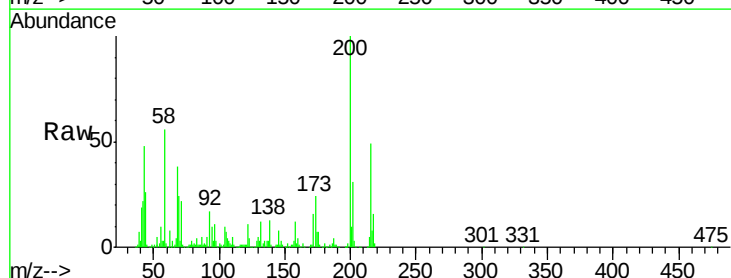
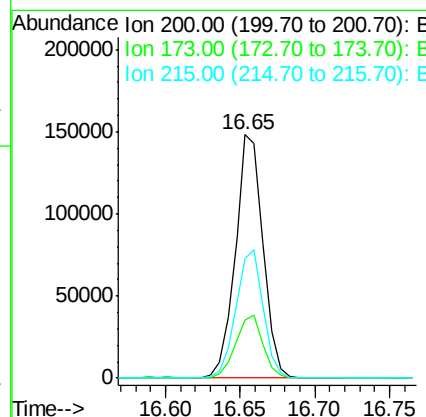
RT: 16.65 min Scan# 2377

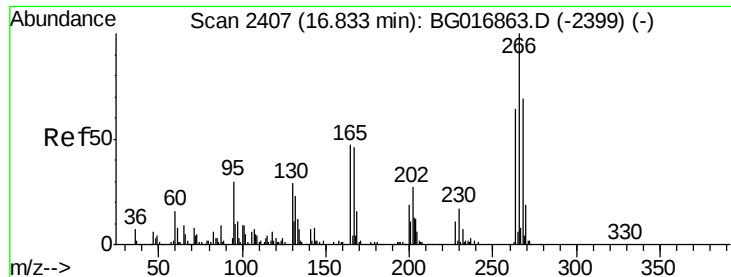
Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	200	Resp:	191581
Ion Ratio		Lower	Upper
200	100		
173	24.0	6.1	46.1
215	49.1	30.8	70.8





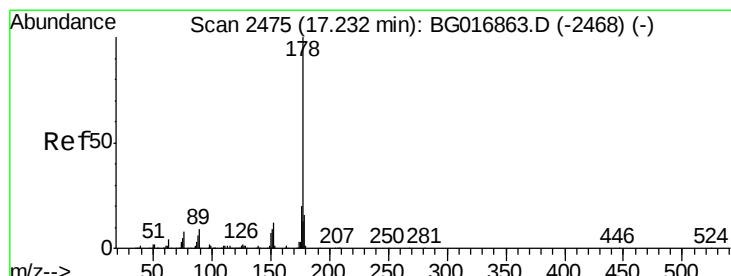
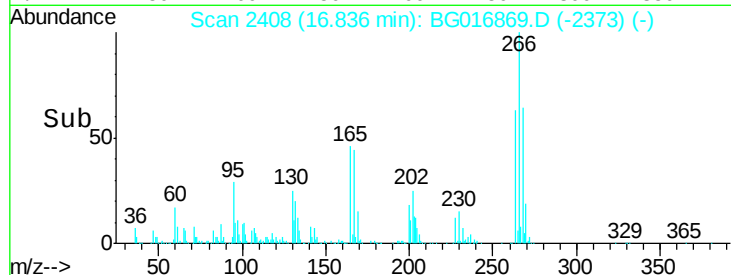
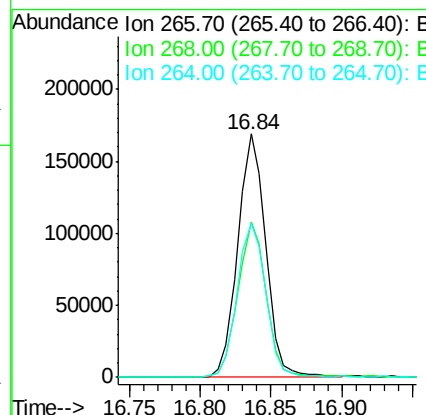
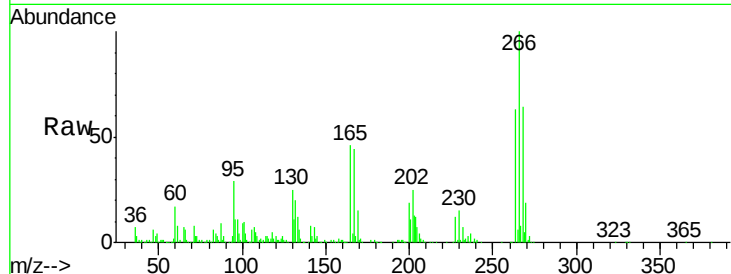
#69
 Pentachlorophenol
 Concen: 70.70 ng
 RT: 16.84 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	233501		
268	64.0	55.2	82.8	
264	63.2	51.4	77.0	

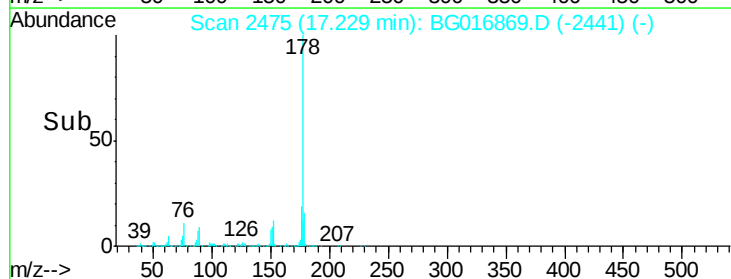
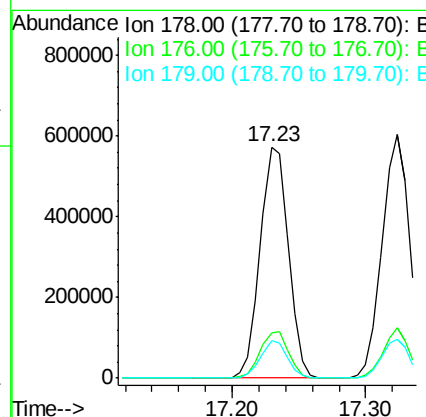
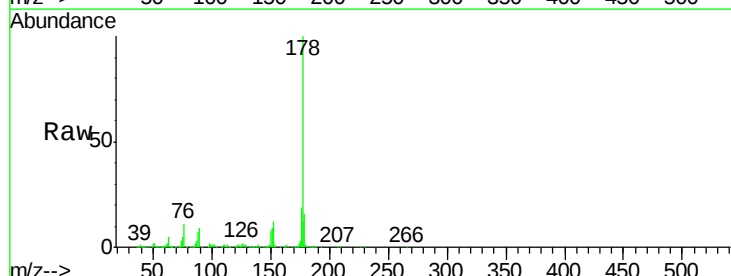
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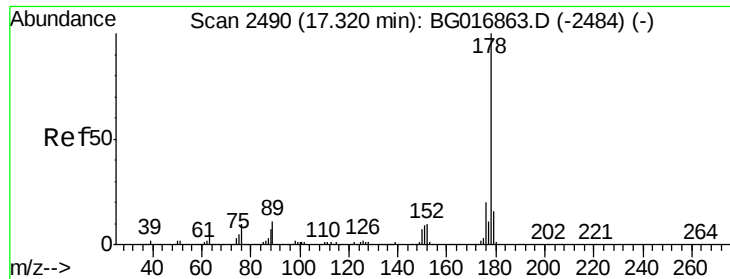
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#70
 Phenanthrene
 Concen: 33.69 ng
 RT: 17.23 min Scan# 2475
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	833361		
176	19.4	16.0	24.0	
179	16.3	13.0	19.6	





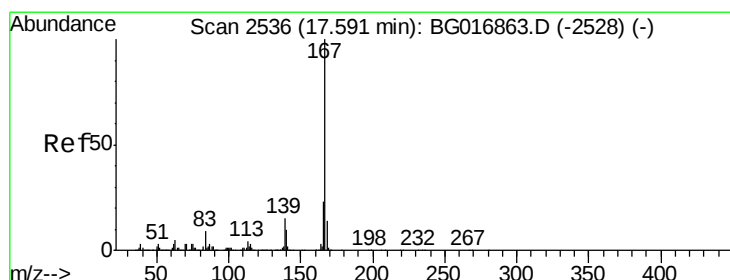
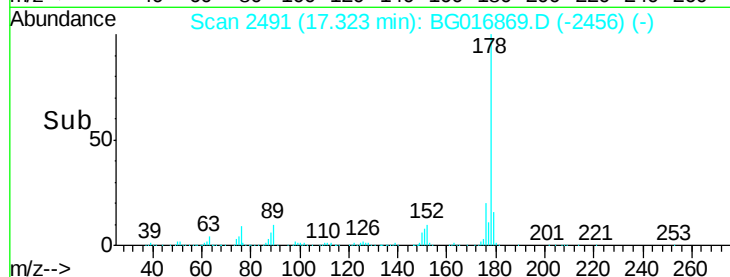
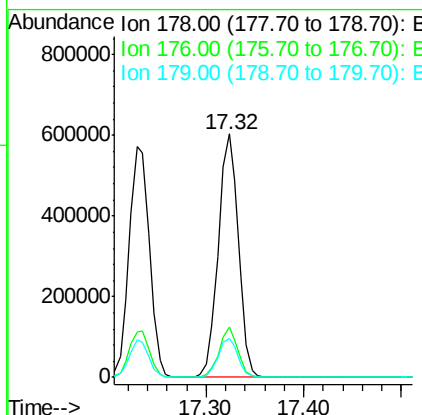
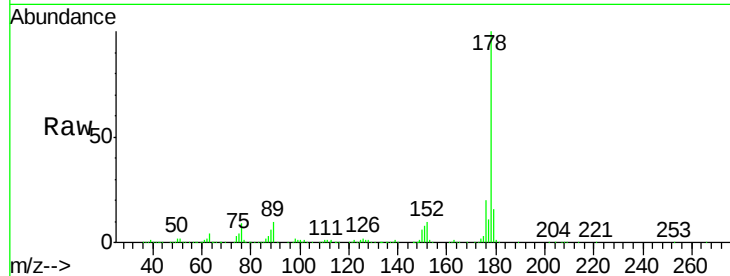
#71
 Anthracene
 Concen: 34.35 ng
 RT: 17.32 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.9	13.1	19.7

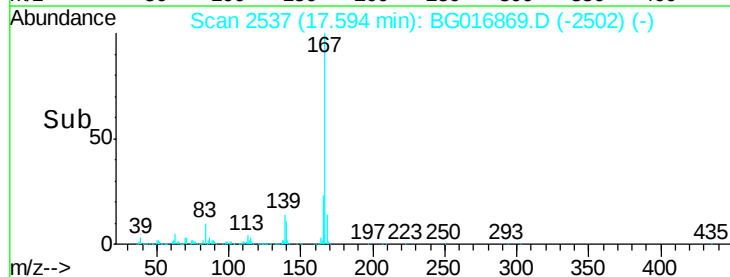
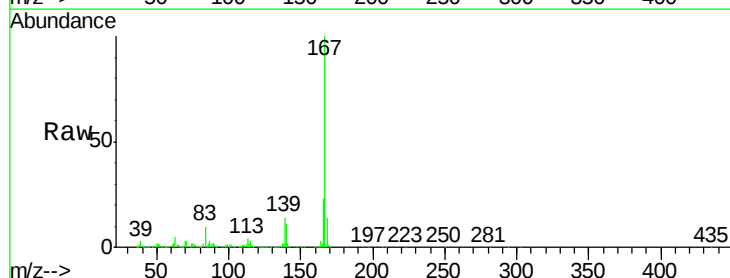
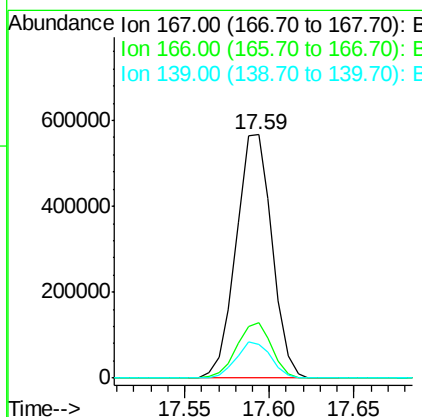
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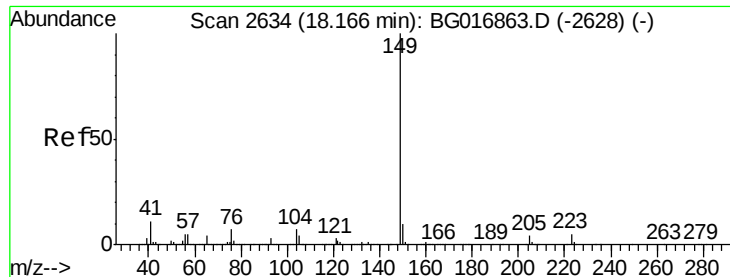
apatel
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#72
 Carbazole
 Concen: 35.33 ng
 RT: 17.59 min Scan# 2537
 Delta R.T. 0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.4	27.6
139	13.9	12.2	18.4





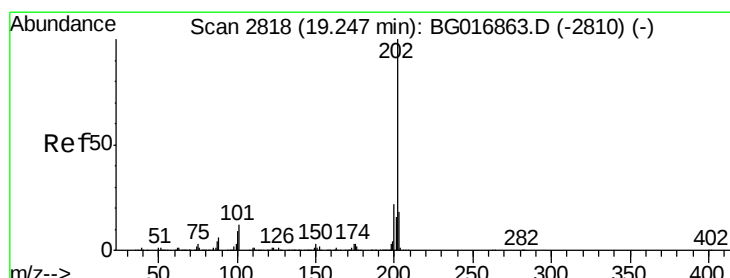
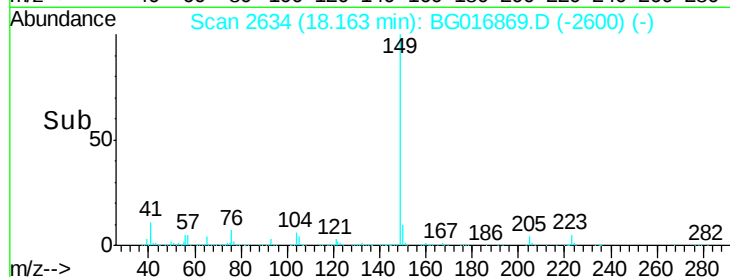
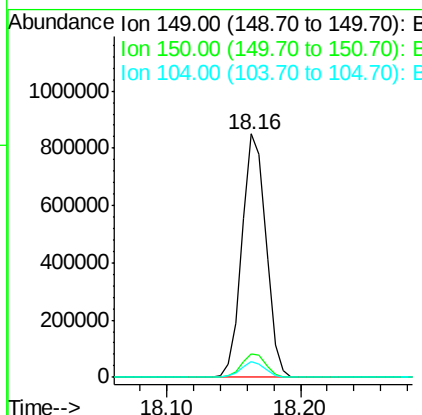
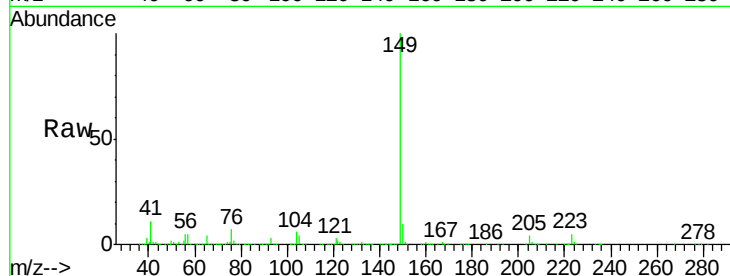
#73
Di-n-butylphthalate
Concen: 34.29 ng
RT: 18.16 min Scan# 2634
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion:149 Resp: 1054396
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 6.4 5.4 8.0

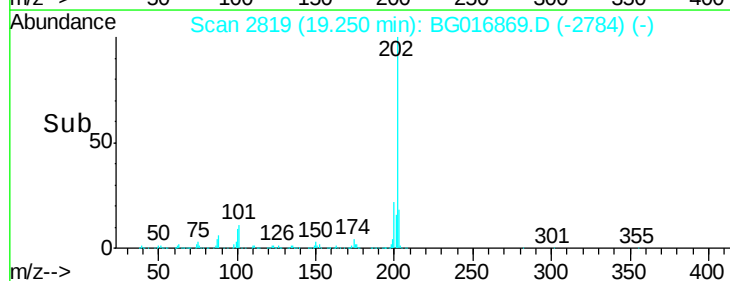
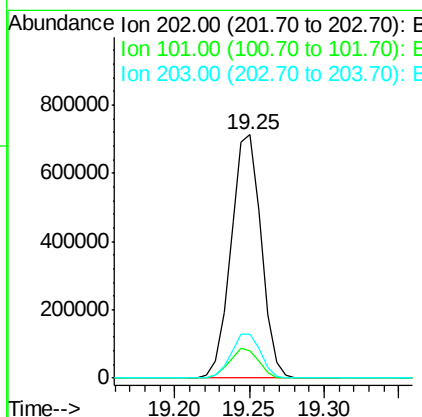
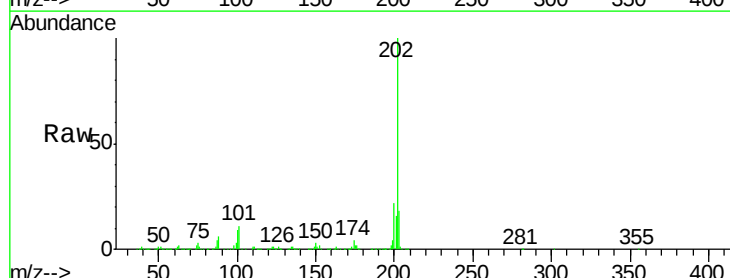
Manual Integrations
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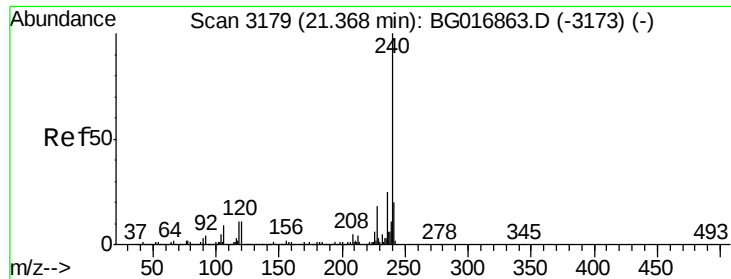
apatel
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#74
Fluoranthene
Concen: 34.96 ng
RT: 19.25 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion:202 Resp: 1003271
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

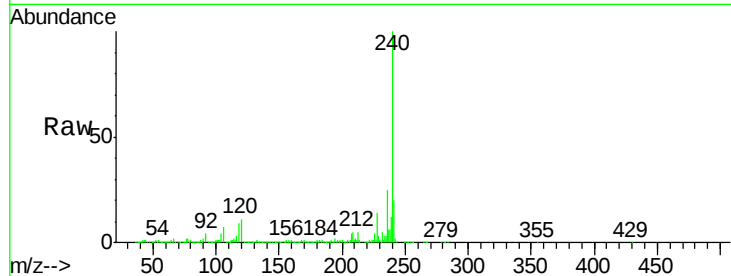
ClientSampleId :

PB83158BS

Tot Ion:	240	Resp:	509895
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.1	13.7
236	25.2	20.2	30.4

Manual Integrations
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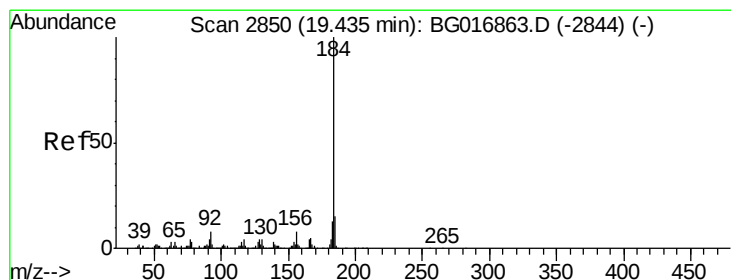
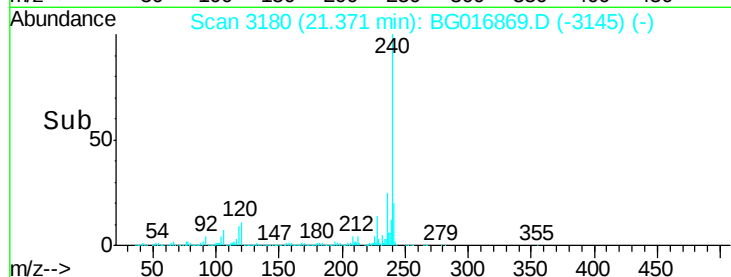
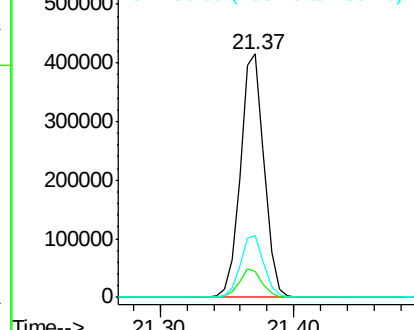
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.69 ng

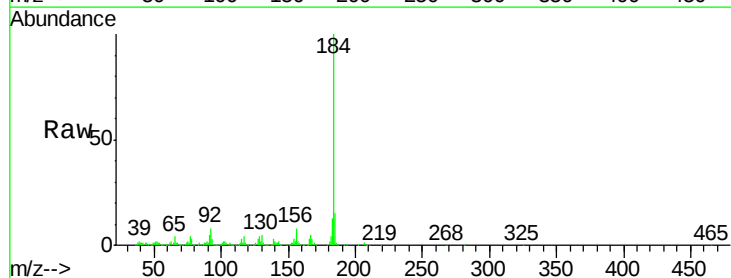
RT: 19.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

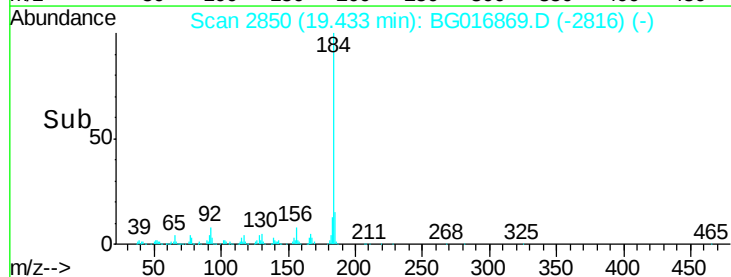
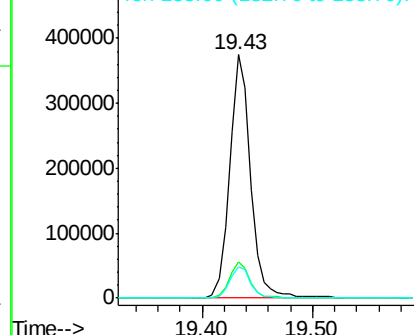
Tgt Ion:	184	Resp:	497093
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.8	17.6
183	12.6	10.6	15.8

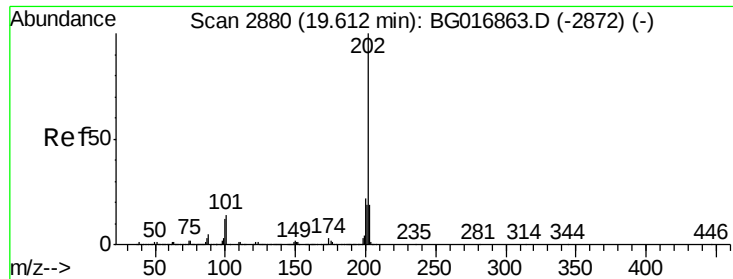


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





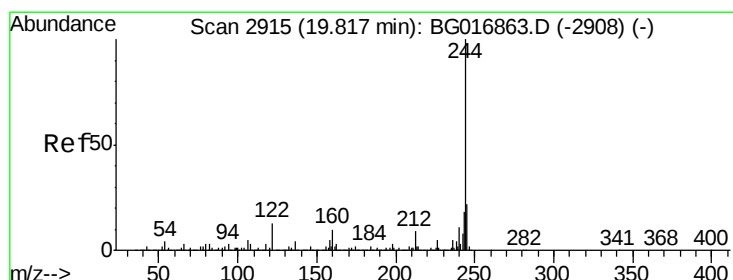
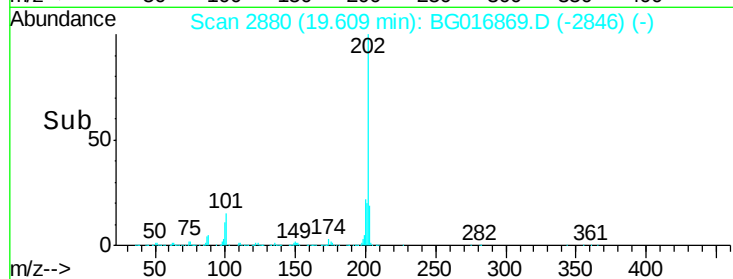
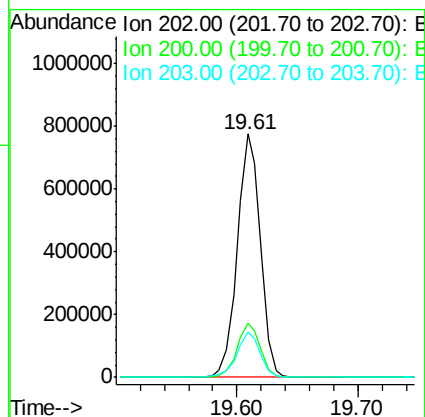
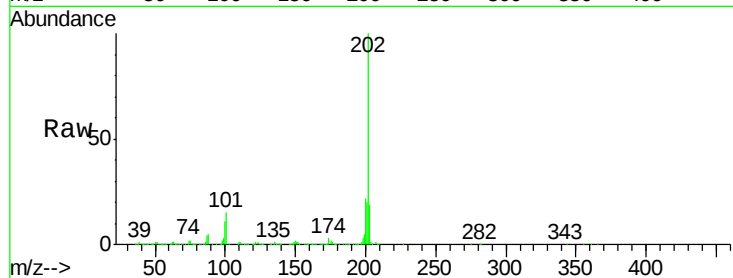
#77
Pvrene
Concen: 34.24 ng
RT: 19.61 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	18.8	15.2	22.8

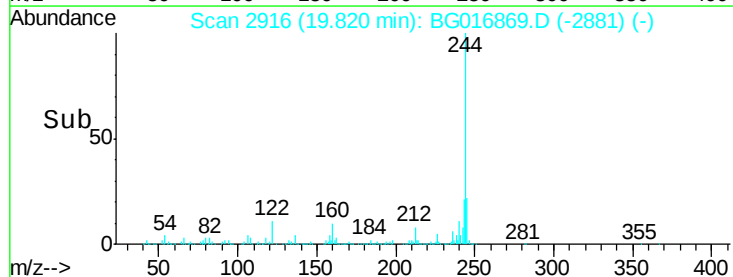
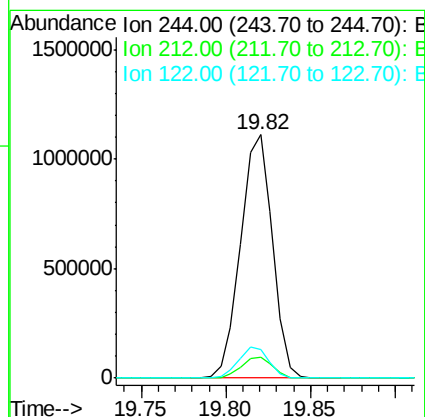
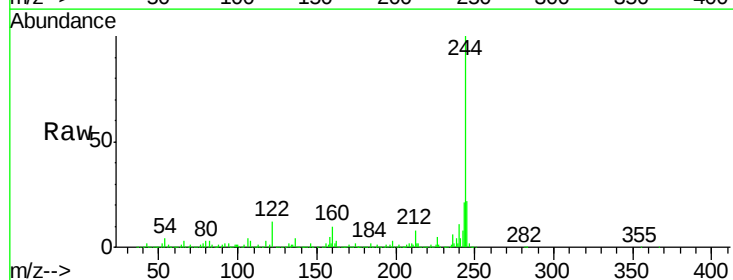
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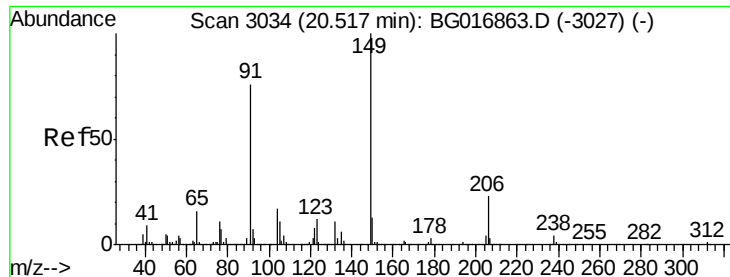
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#78
Terphenyl-d14
Concen: 66.84 ng
RT: 19.82 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	11.9	10.4	15.6





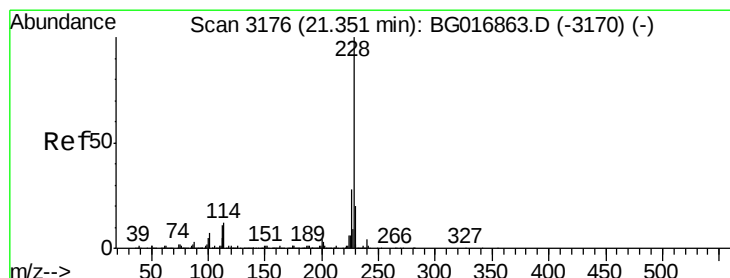
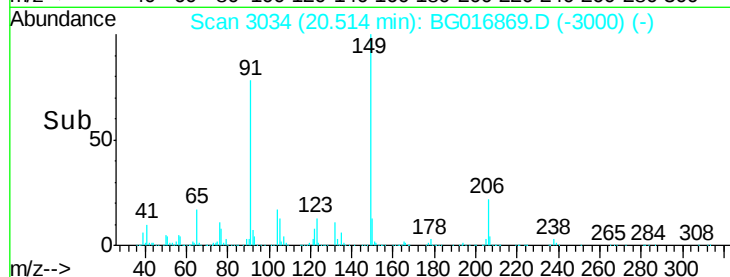
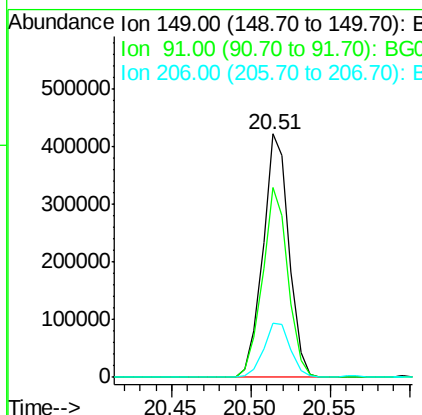
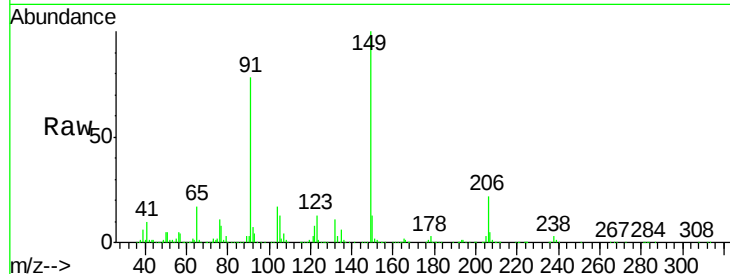
#79
Butylbenzylphthalate
Concen: 33.85 ng
RT: 20.51 min Scan# 3034
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	484102		
91	78.0	60.6	91.0	
206	22.0	18.4	27.6	

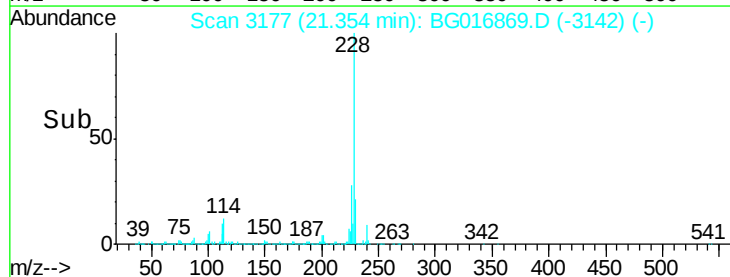
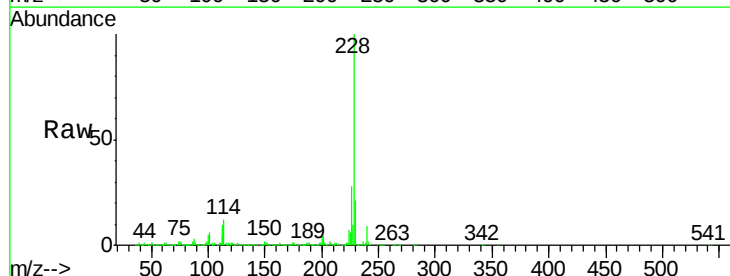
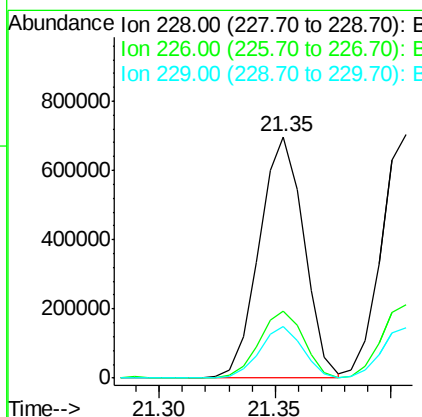
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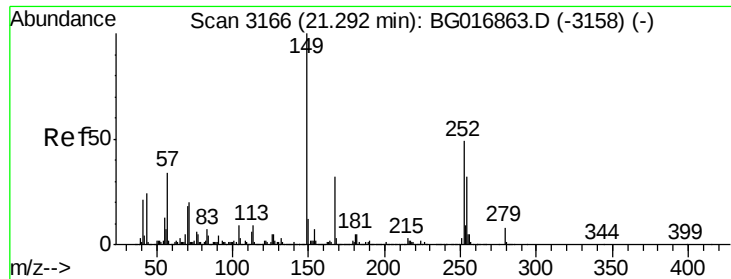
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#80
Benzo(a)anthracene
Concen: 34.17 ng
RT: 21.35 min Scan# 3177
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	934797		
226	27.8	22.7	34.1	
229	21.2	16.1	24.1	





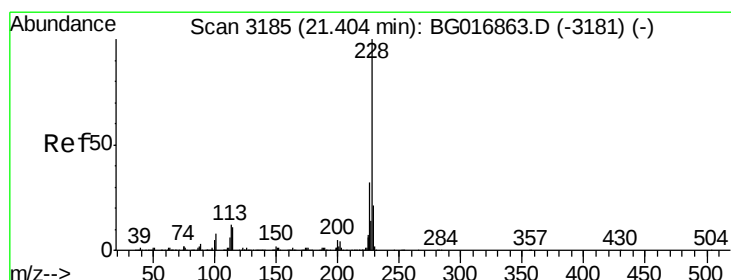
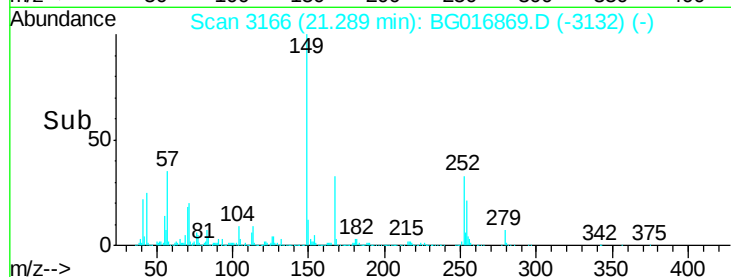
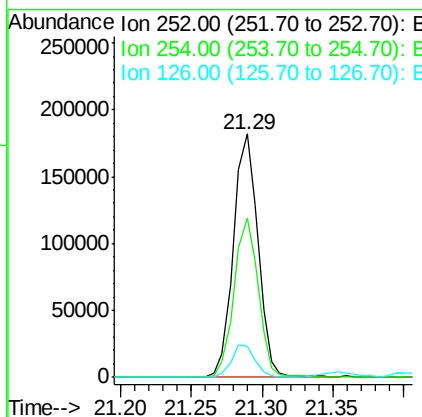
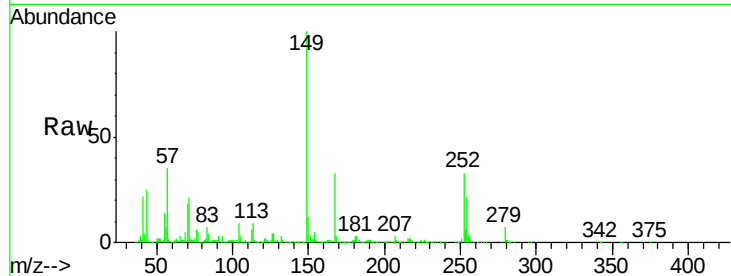
#81
 3,3'-Dichlorobenzidine
 Concen: 20.79 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	222099		
254	65.4	51.7	77.5	
126	12.7	8.9	13.3	

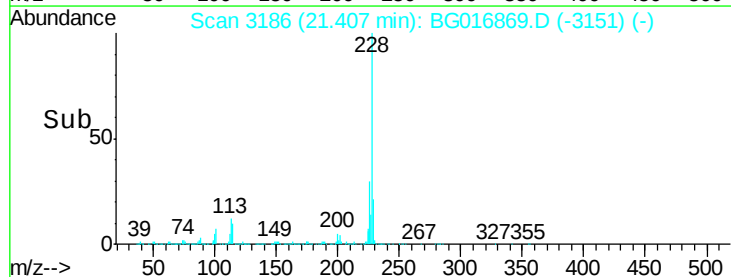
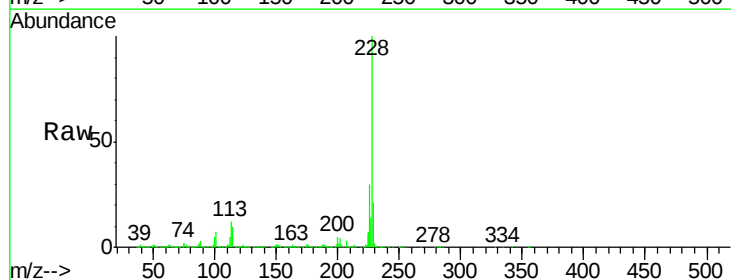
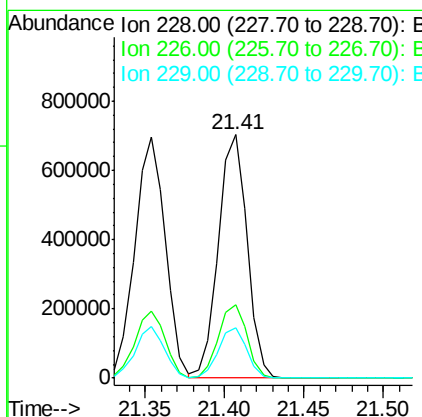
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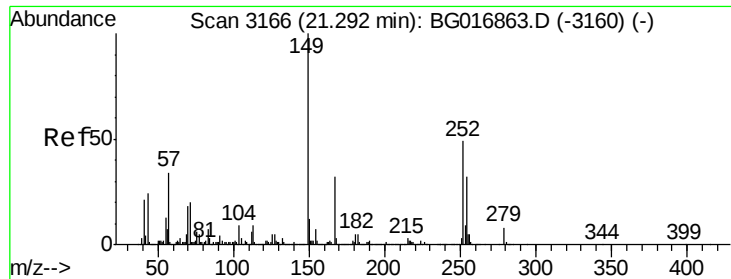
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#82
 Chrysene
 Concen: 34.48 ng
 RT: 21.41 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	883429		
226	30.3	25.4	38.0	
229	20.8	16.5	24.7	





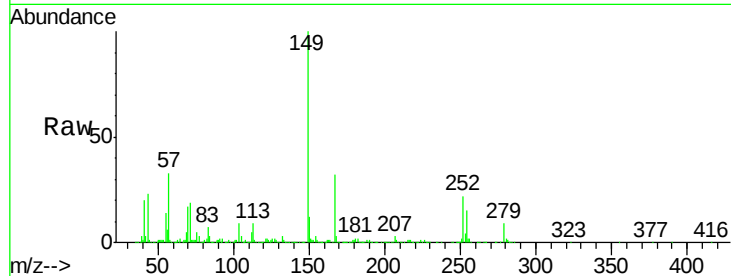
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.25 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

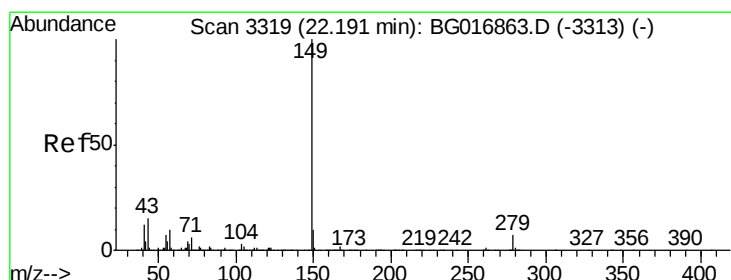
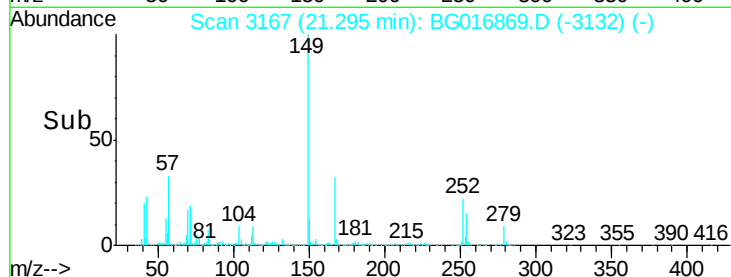
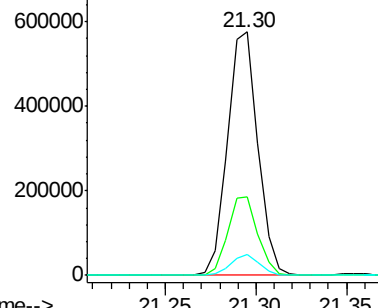
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	32.3	25.4	38.0	
279	8.7	6.4	9.6	

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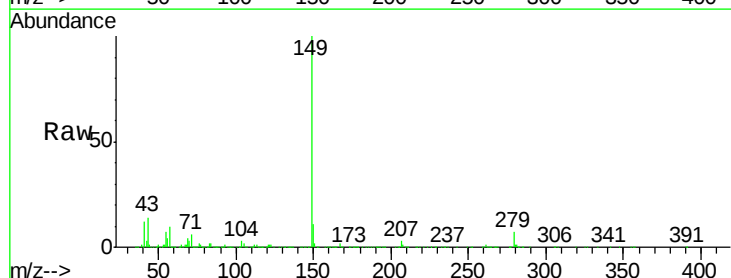


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

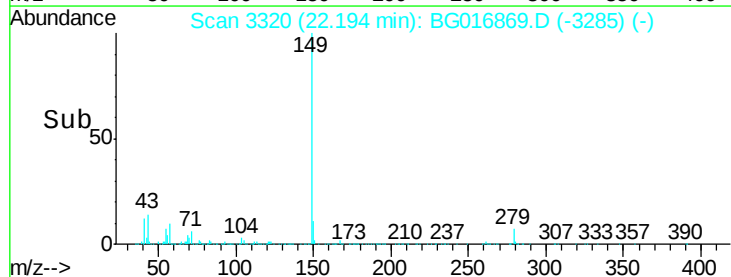
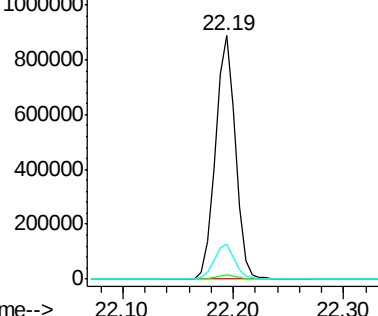


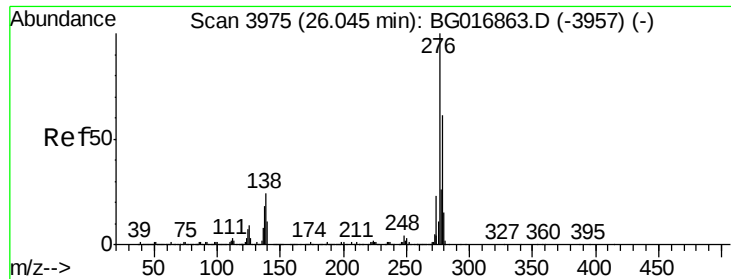
#84
 Di-n-octyl phthalate
 Concen: 34.18 ng
 RT: 22.19 min Scan# 3320
 Delta R.T. 0.00 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	0.0	0.0#	
43	14.0	0.0	0.0#	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





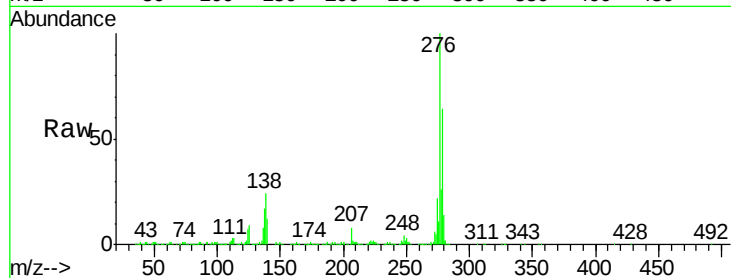
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.15 ng
RT: 26.05 min Scan# 3976
Delta R.T. 0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

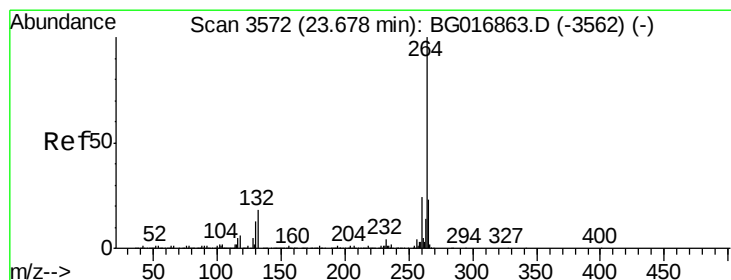
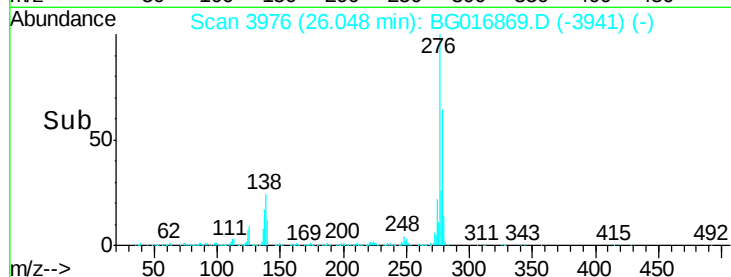
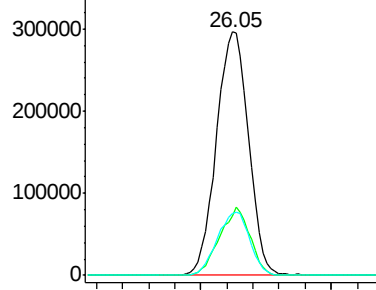
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	26.5	0.0	0.0#

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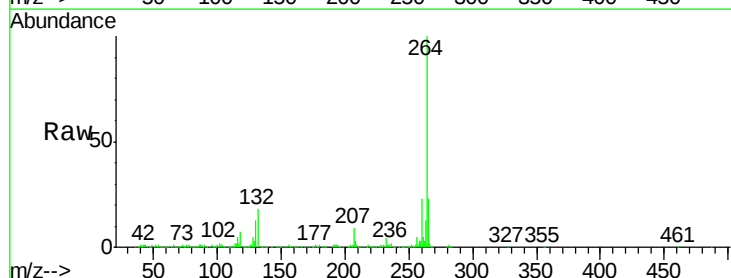


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

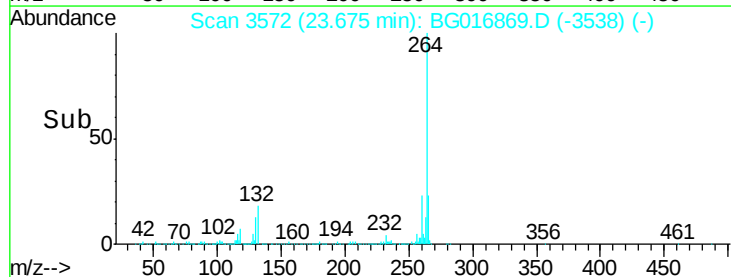
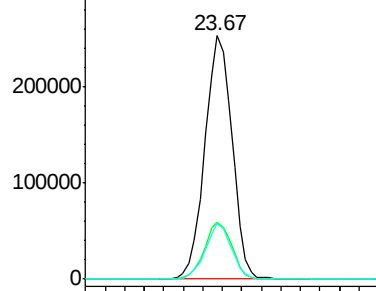


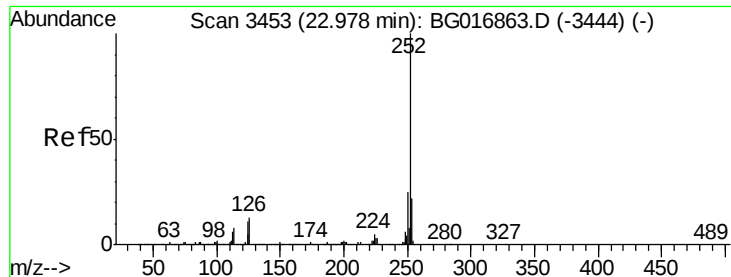
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3572
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.7	18.5	27.7



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: 33.48 ng

RT: 22.98 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Instrument :

BNA_G

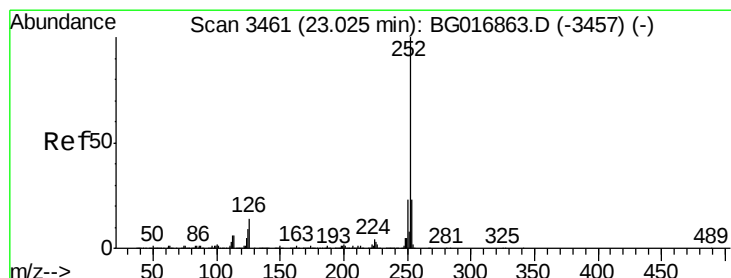
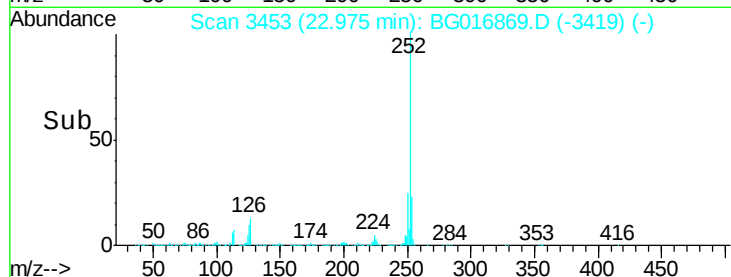
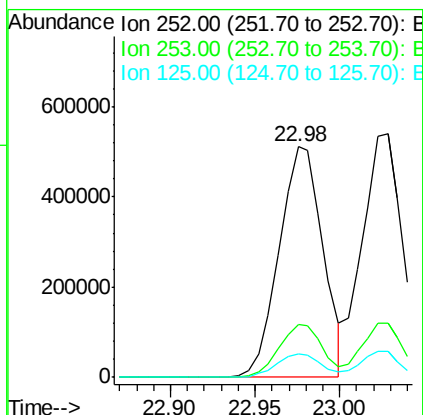
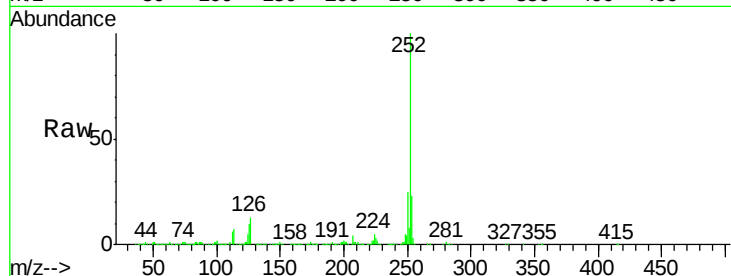
ClientSampleId :

PB83158BS

Tot Ion:	252	Resp:	915479
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	10.3	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 34.13 ng

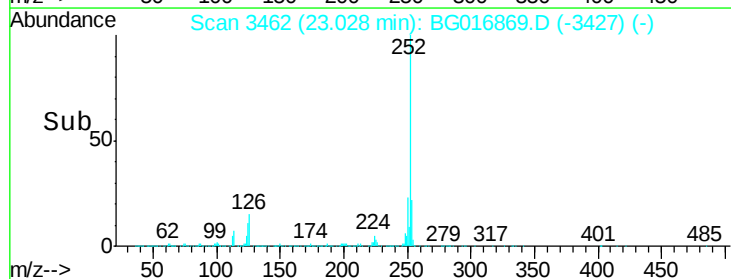
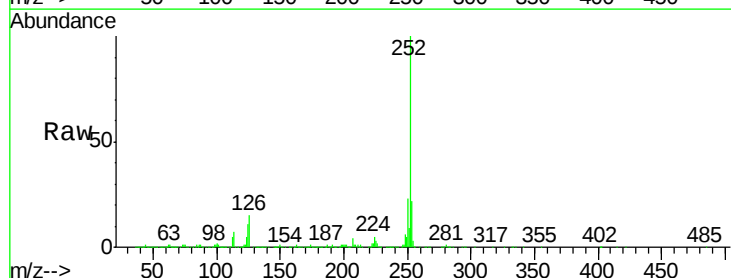
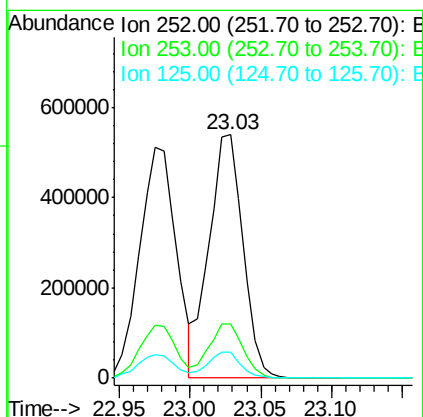
RT: 23.03 min Scan# 3462

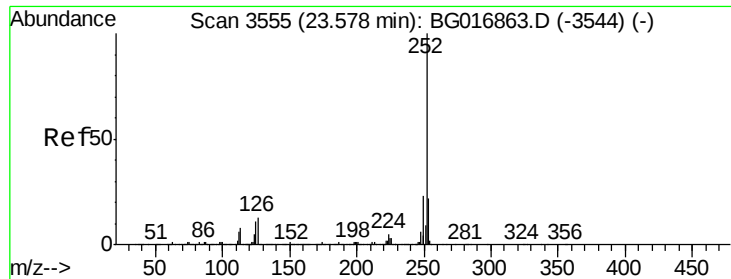
Delta R.T. 0.00 min

Lab File: BG016869.D

Acq: 5 May 2015 17:21

Tgt Ion:	252	Resp:	898044
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	10.7	7.9	11.9





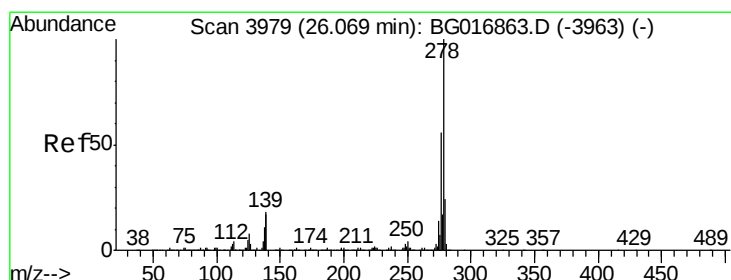
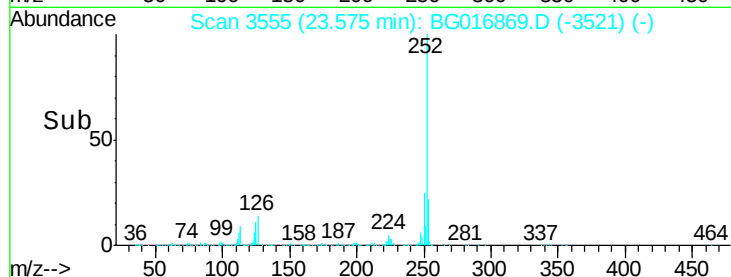
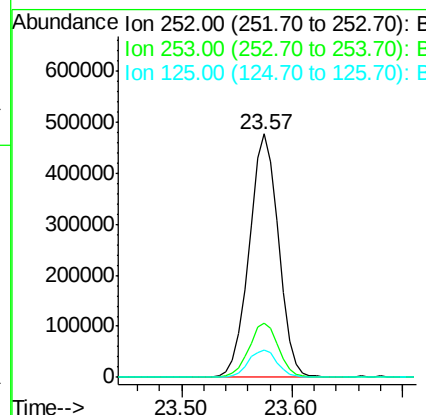
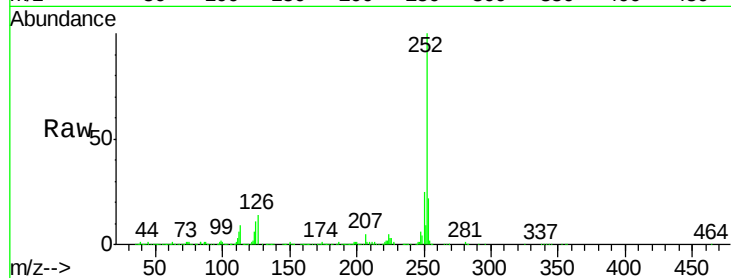
#89
Benzo(a)pyrene
Concen: 34.78 ng
RT: 23.57 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Instrument :
BNA_G
ClientSampleId :
PB83158BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.3	8.5	12.7

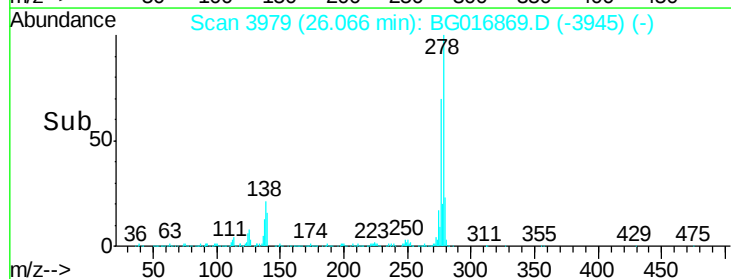
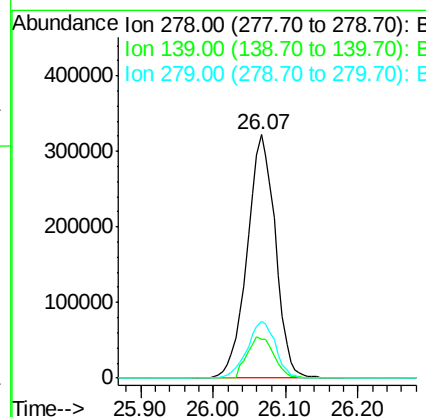
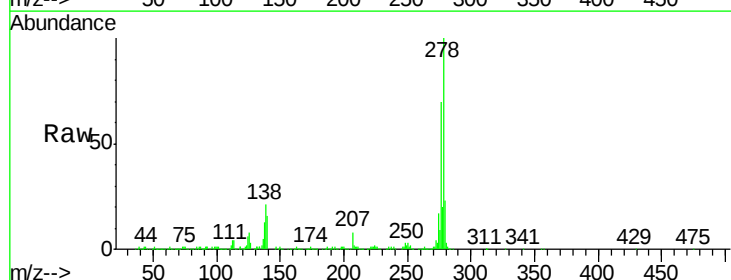
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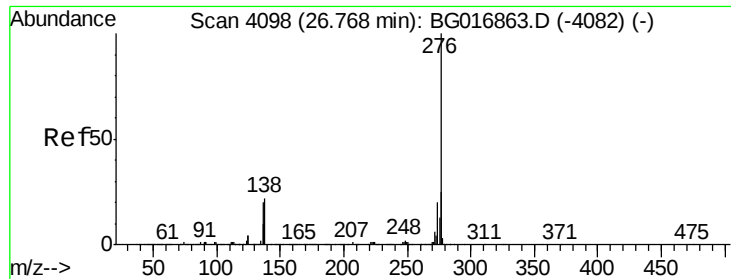
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#90
Dibenzo(a,h)anthracene
Concen: 33.32 ng
RT: 26.07 min Scan# 3979
Delta R.T. -0.00 min
Lab File: BG016869.D
Acq: 5 May 2015 17:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.2
279	23.5	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 33.53 ng
 RT: 26.78 min Scan# 4100
 Delta R.T. 0.01 min
 Lab File: BG016869.D
 Acq: 5 May 2015 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Tot Ion:	276	Resp:	831721
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.6	29.4
138	23.4	17.5	26.3

Manual Integrations
 APPROVED

apatel
 5/6/2015 5:17:47 PM

