

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017639.D
 Acq On : 12 Jun 2015 16:36
 Operator : TP/IZ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
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 6/15/2015 4:39:52 PM

Quant Time: Jun 13 02:21:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 00:03:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	22464	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	86060	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	62992	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	185291	20.00	ng	0.00
75) Chrysene-d12	21.17	240	260733	20.00	ng	0.00
86) Perylene-d12	23.36	264	264157	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	4867	3.86	ng	0.00
7) Phenol-d6	6.74	99	7505	4.34	ng	0.00
23) Nitrobenzene-d5	8.69	82	9023	5.11	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	5076	5.59	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	22524	5.33	ng	0.00
78) Terphenyl-d14	19.61	244	63931	5.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	1561	2.71	ng	# 61
3) Pyridine	3.37	79	3267	2.14	ng	# 79
4) n-Nitrosodimethylamine	3.29	42	2122	2.17	ng	# 93
6) Aniline	6.86	93	5158	2.21	ng	# 68
8) 2-Chlorophenol	7.11	128	3646	2.45	ng	# 86
9) Benzaldehyde	6.67	77	3229	2.77	ng	# 92
10) Phenol	6.77	94	4283	2.43	ng	# 88
11) bis(2-Chloroethyl)ether	6.96	93	3693	2.75	ng	# 83
12) 1,3-Dichlorobenzene	7.42	146	3980	2.37	ng	# 91
13) 1,4-Dichlorobenzene	7.55	146	4060	2.30	ng	# 78
14) 1,2-Dichlorobenzene	7.88	146	3748	2.26	ng	# 75
15) Benzyl Alcohol	7.80	79	3825m	2.31	ng	# 75
17) 2-Methylphenol	8.02	107	2706	2.02	ng	# 68
18) Hexachloroethane	8.59	117	1595	2.26	ng	# 68
19) n-Nitroso-di-n-propylamine	8.35	70	3538	2.38	ng	# 96
22) Acetophenone	8.36	105	5200	2.44	ng	# 81
24) Nitrobenzene	8.74	77	4898	2.65	ng	# 90
25) Isophorone	9.26	82	8217	2.25	ng	# 96
26) 2-Nitrophenol	9.46	139	2148	2.61	ng	# 70
27) 2,4-Dimethylphenol	9.54	122	3322	2.45	ng	# 51
28) bis(2-Chloroethoxy)methane	9.76	93	3755	2.28	ng	# 93
30) 1,2,4-Trichlorobenzene	10.19	180	4151	2.59	ng	# 81
31) Naphthalene	10.38	128	11324	2.51	ng	# 85
34) Hexachlorobutadiene	10.65	225	3873	3.58	ng	# 85
36) 4-Chloro-3-methylphenol	11.68	107	3970	2.29	ng	# 85
37) 2-Methylnaphthalene	12.01	142	9248	2.66	ng	# 81
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	6113	3.03	ng	# 95
42) 2,4,6-Trichlorophenol	12.65	196	3631m	2.62	ng	# 89
43) 2,4,5-Trichlorophenol	12.74	196	3361	2.19	ng	# 89
45) 1,1'-Biphenyl	13.04	154	11829	2.57	ng	# 88
46) 2-Chloronaphthalene	13.08	162	9455	2.47	ng	# 95
48) Acenaphthylene	13.93	152	15886	2.35	ng	# 92
49) Dimethylphthalate	13.67	163	13317	2.43	ng	# 89
50) 2,6-Dinitrotoluene	13.80	165	2778	2.27	ng	# 84

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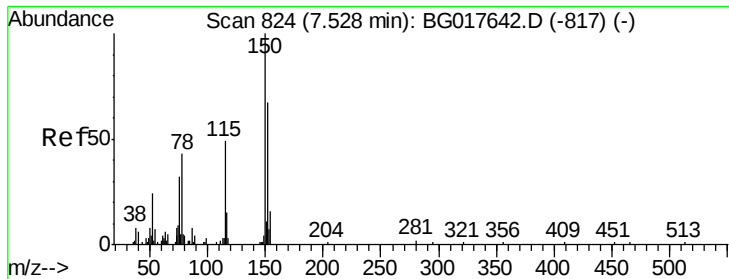
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	14.27	154	8683	2.17	ng	86
54) Dibenzofuran	14.61	168	15392	2.58	ng	94
57) Fluorene	15.26	166	12763	2.38	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.86	232	3857	2.68	ng	# 91
59) Diethylphthalate	15.05	149	16235	2.73	ng	# 88
60) 4-Chlorophenyl-phenylether	15.27	204	8349	2.97	ng	93
62) Azobenzene	15.55	77	15407	2.67	ng	89
65) n-Nitrosodiphenylamine	15.48	169	12588	2.29	ng	# 75
66) 4-Bromophenyl-phenylether	16.16	248	5625	2.65	ng	89
67) Hexachlorobenzene	16.27	284	6179	2.70	ng	# 93
68) Atrazine	16.44	200	6526	2.65	ng	84
70) Phenanthrene	17.00	178	26196m	2.53	ng	
71) Anthracene	17.10	178	25601	2.47	ng	98
72) Carbazole	17.38	167	21152	2.09	ng	# 95
73) Di-n-butylphthalate	17.94	149	25947	2.02	ng	# 95
74) Fluoranthene	19.03	202	34436	2.51	ng	97
77) Pyrene	19.40	202	36372	2.29	ng	96
80) Benzo(a)anthracene	21.15	228	42295	2.64	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	12835	2.16	ng	95
82) Chrysene	21.20	228	36515	2.52	ng	96
83) Bis(2-ethylhexyl)phthalate	21.08	149	19850	2.05	ng	95
84) Di-n-octyl phthalate	21.94	149	33941	2.10	ng	97
85) Indeno(1,2,3-cd)pyrene	25.59	276	50206	2.75	ng	# 92
87) Benzo(b)fluoranthene	22.71	252	43564	2.61	ng	94
88) Benzo(k)fluoranthene	22.75	252	45029m	2.78	ng	
89) Benzo(a)pyrene	23.27	252	42173	2.74	ng	# 94
90) Dibenzo(a,h)anthracene	25.60	278	41113	2.56	ng	94
91) Benzo(g,h,i)perylene	26.28	276	38971	2.55	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG017639.D

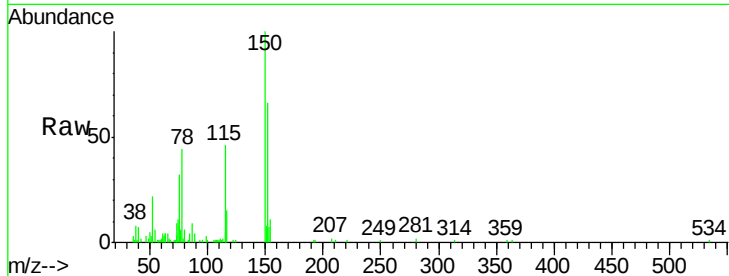
Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

ClientSampleId :

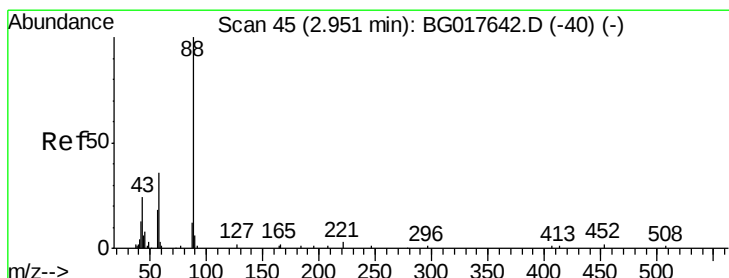
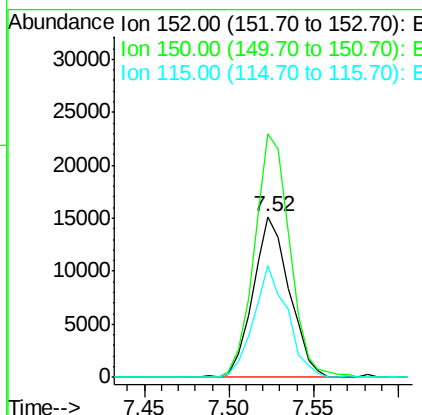
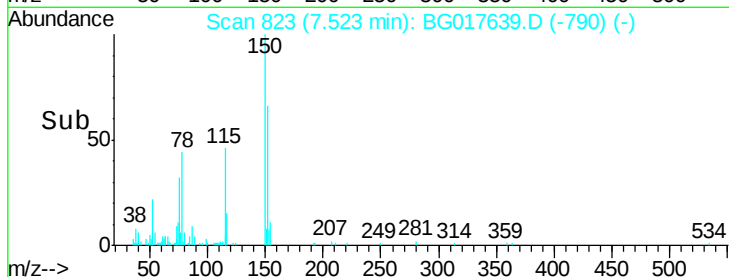
SSTDICC2.5



Tgt Ion:	152	Resp:	22464
Ion Ratio	Lower	Upper	
152	100		
150	151.3	119.4	179.0
115	69.5	58.2	87.2

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#2

1,4-Dioxane

Concen: 2.71 ng

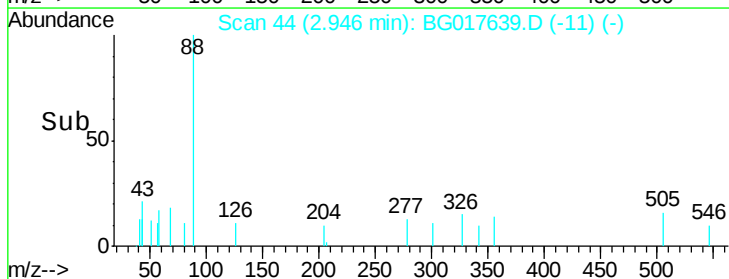
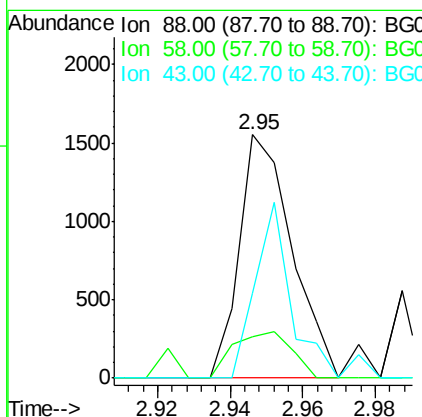
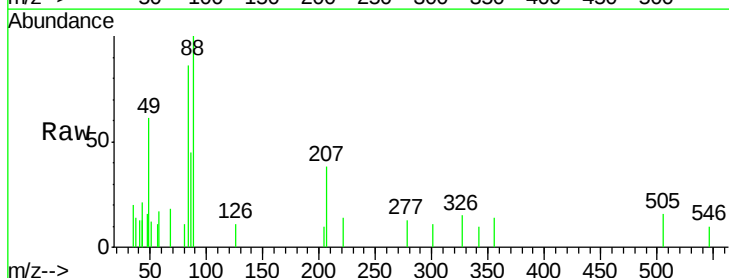
RT: 2.95 min Scan# 44

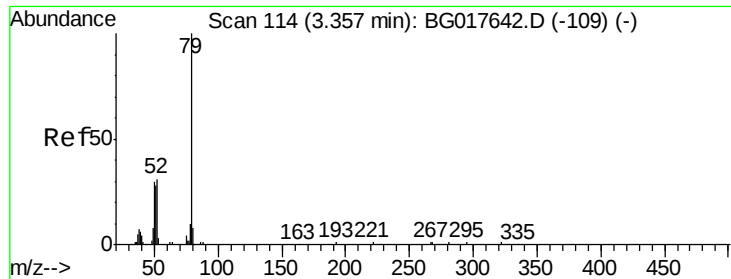
Delta R.T. -0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	88	Resp:	1561
Ion Ratio	Lower	Upper	
88	100		
58	21.0	29.6	44.4#
43	51.3	18.3	27.5#





#3

Pyridine

Concen: 2.14 ng

RT: 3.37 min Scan# 116

Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

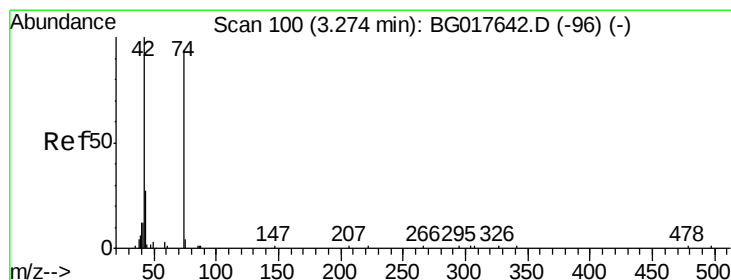
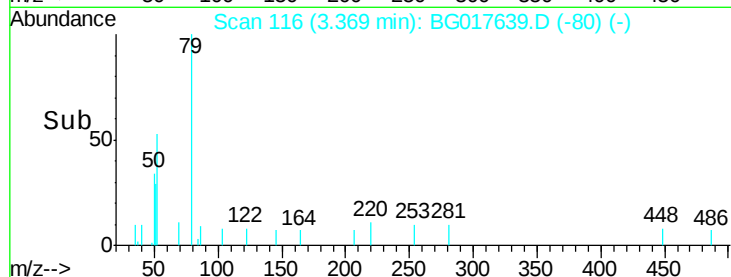
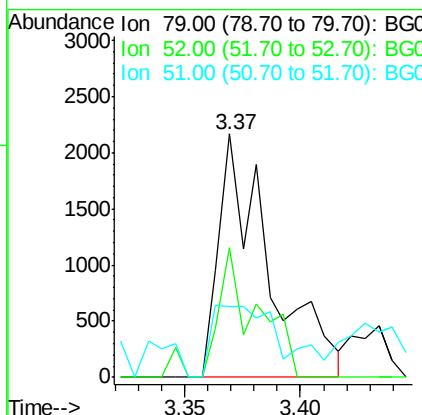
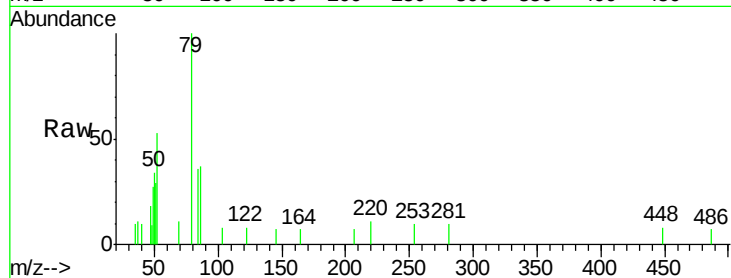
ClientSampleId :

SSTDICC2.5

Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
52	53.5	24.7	37.1#	
51	29.0	23.3	34.9	

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#4

n-Nitrosodimethylamine

Concen: 2.17 ng

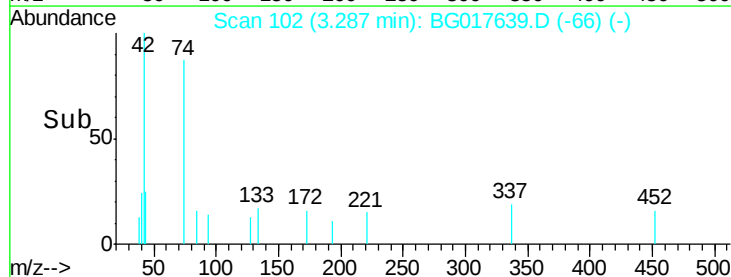
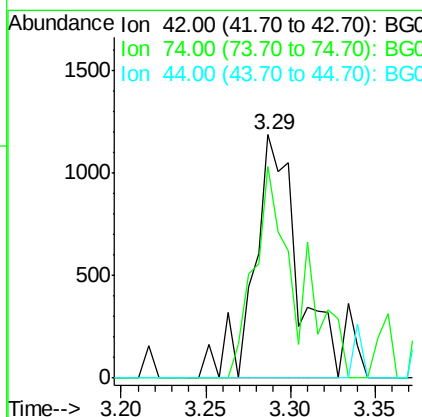
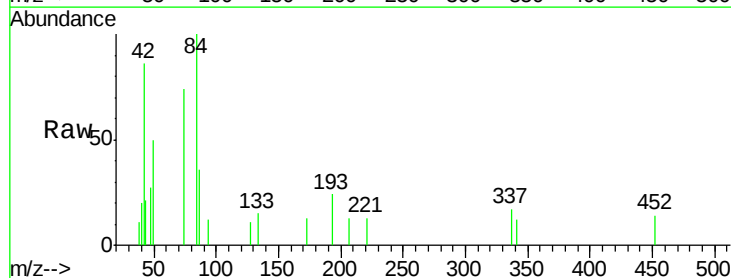
RT: 3.29 min Scan# 102

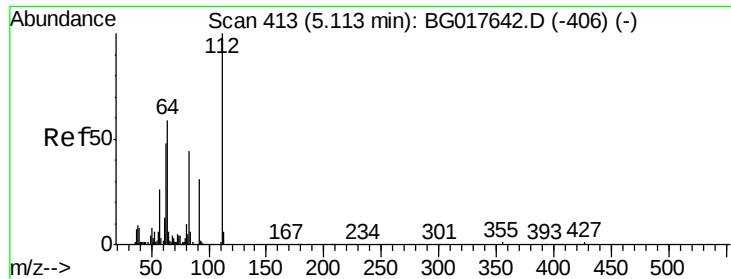
Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	86.9	74.9	112.3	
44	0.0	1.5	2.3#	





#5

2-Fluorophenol

Concen: 3.86 ng

RT: 5.11 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG017639.D

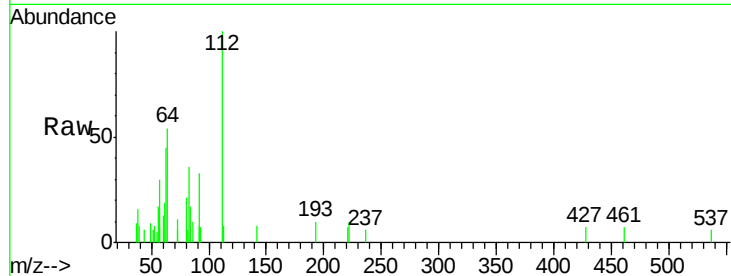
Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

ClientSampleId :

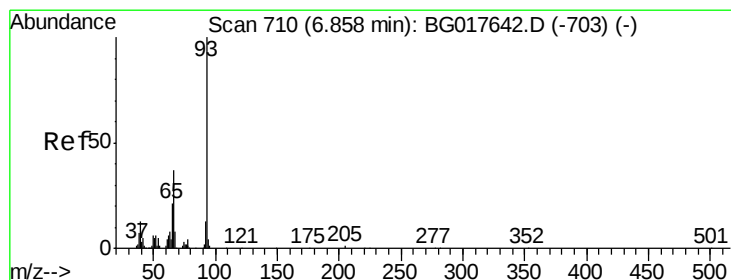
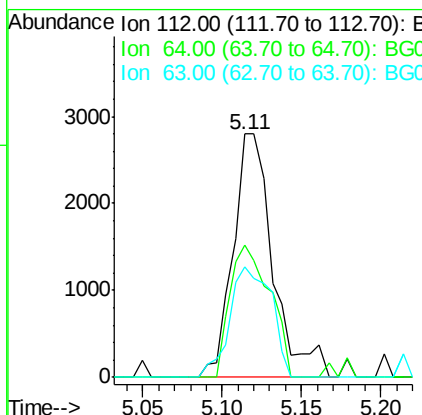
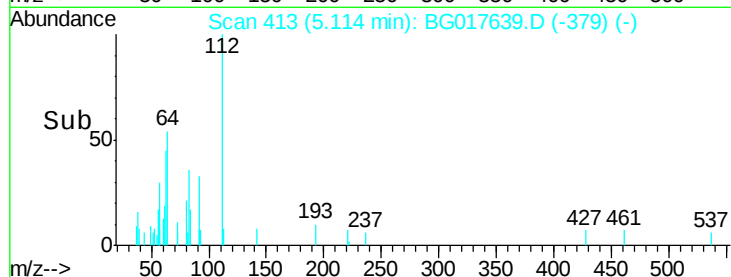
SSTDICC2.5



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	4867		
64	54.3	47.0	70.6	
63	45.3	38.6	58.0	

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#6

Aniline

Concen: 2.21 ng

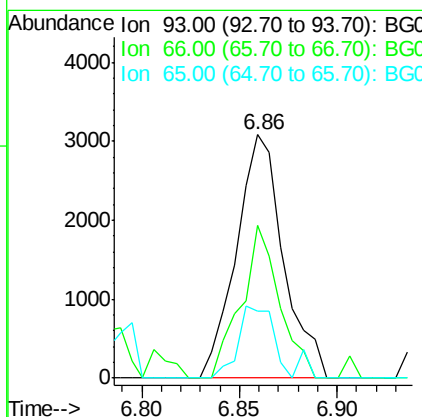
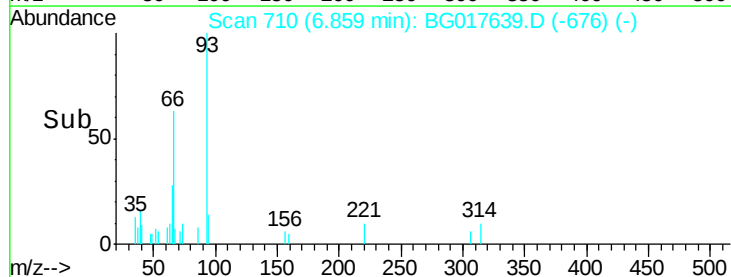
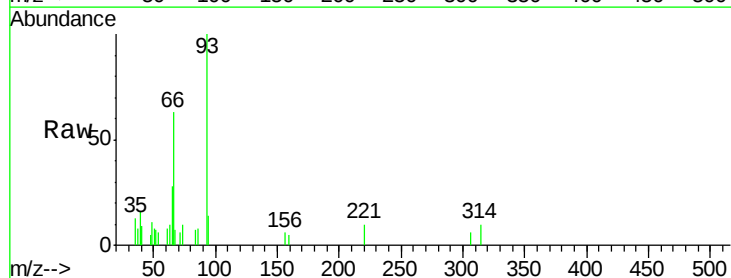
RT: 6.86 min Scan# 710

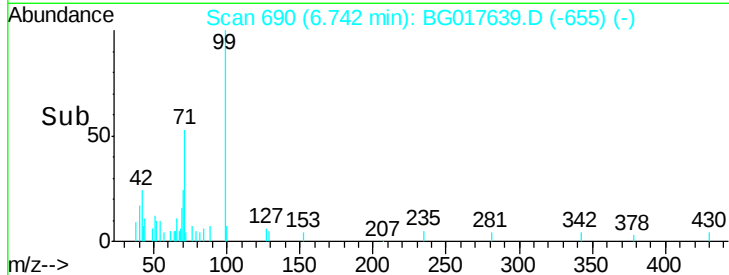
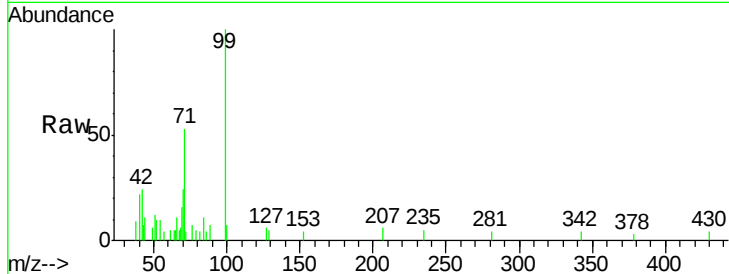
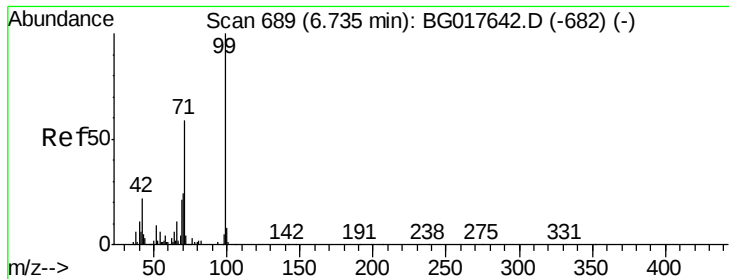
Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	5158		
66	62.7	30.1	45.1#	
65	27.6	17.0	25.4#	





#7

Phenol-d6

Concen: 4.34 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.4	26.2
71	52.5	47.4	71.0

Instrument :

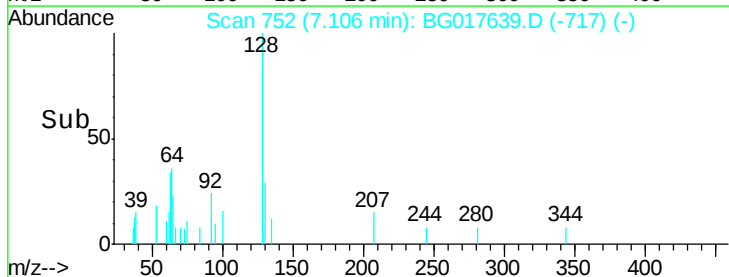
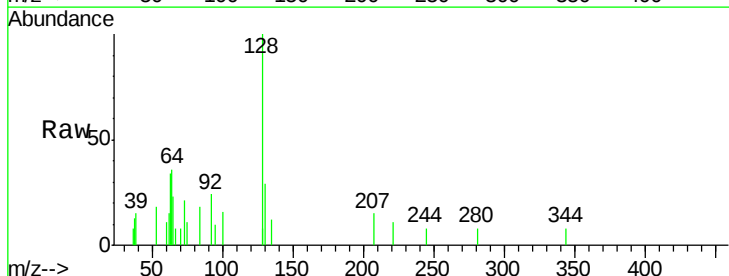
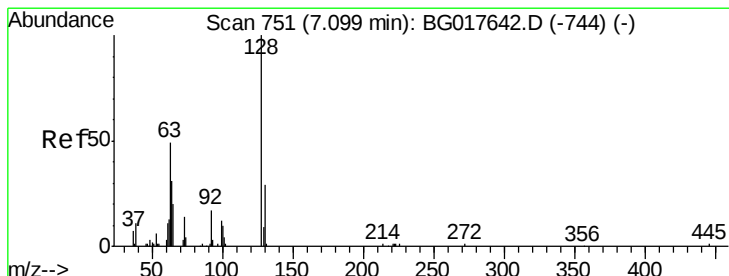
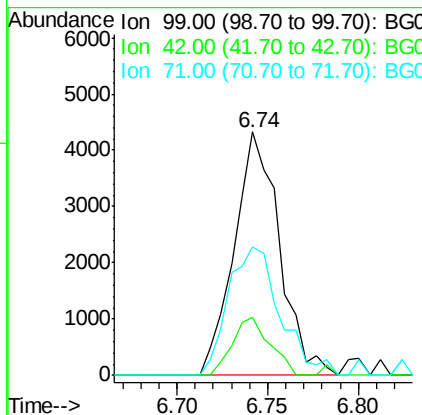
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ClientSampleId :

SSTDICC2.5

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#8

2-Chlorophenol

Concen: 2.45 ng

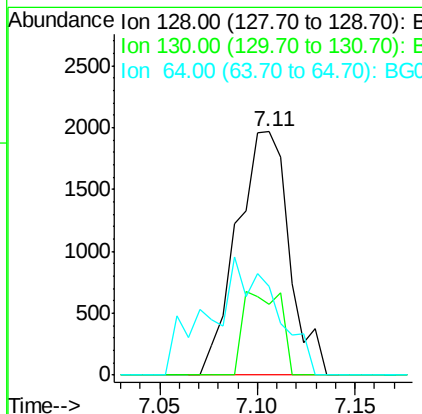
RT: 7.11 min Scan# 752

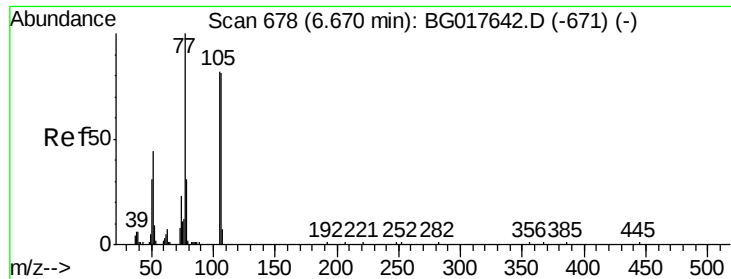
Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
128	100		
130	29.0	8.8	48.8
64	36.2	31.1	71.1





#9

Benzaldehyde

Concen: 2.77 ng

RT: 6.67 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

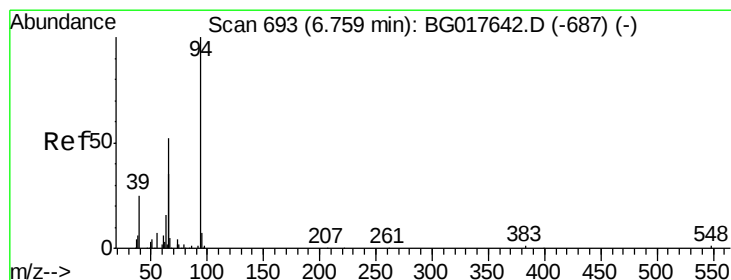
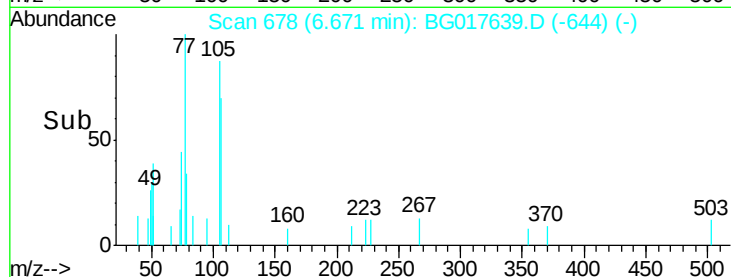
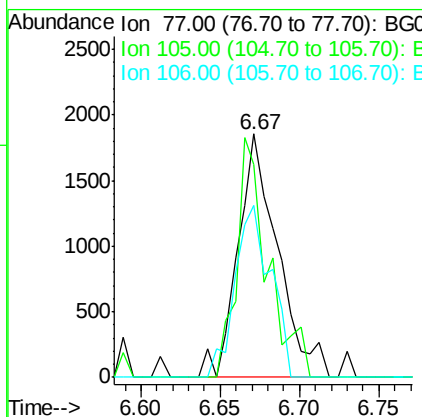
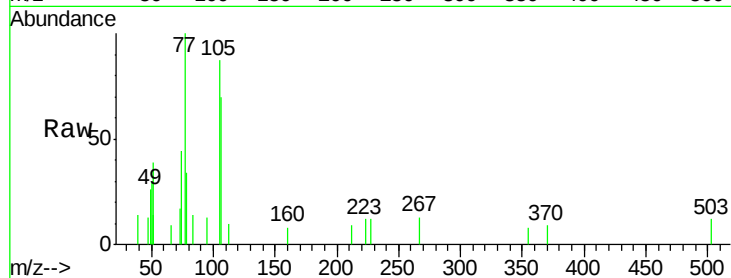
ClientSampleId :

SSTDICC2.5

Tgt Ion:	77	Resp:	3229
Ion Ratio	Lower	Upper	
77	100		
105	87.2	62.3	102.3
106	70.5	60.7	100.7

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#10

Phenol

Concen: 2.43 ng

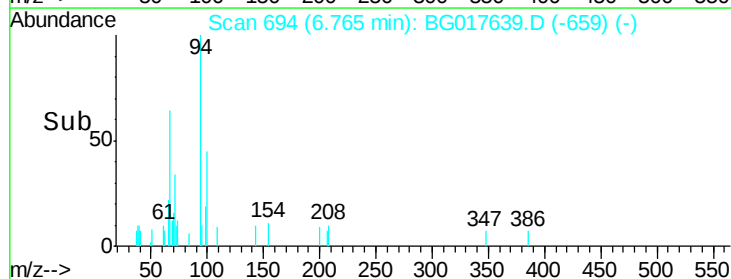
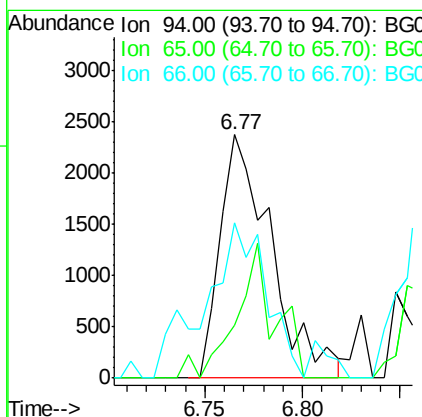
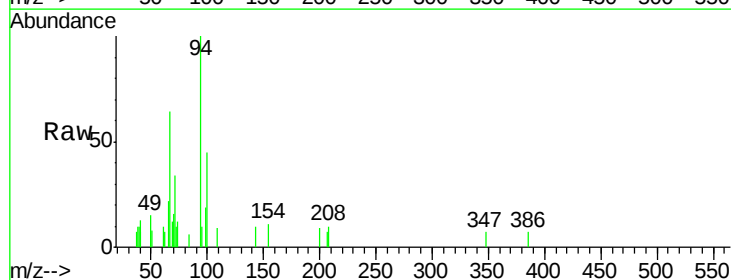
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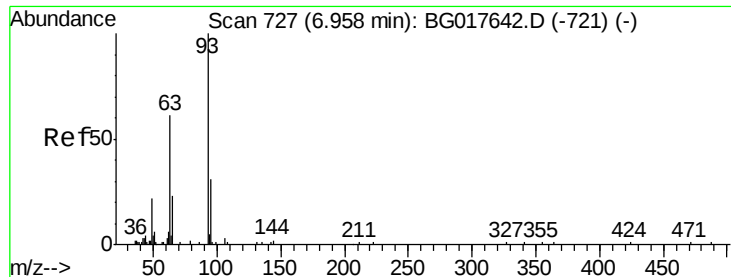
Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	94	Resp:	4283
Ion Ratio	Lower	Upper	
94	100		
65	21.9	16.5	56.5
66	64.0	40.6	80.6





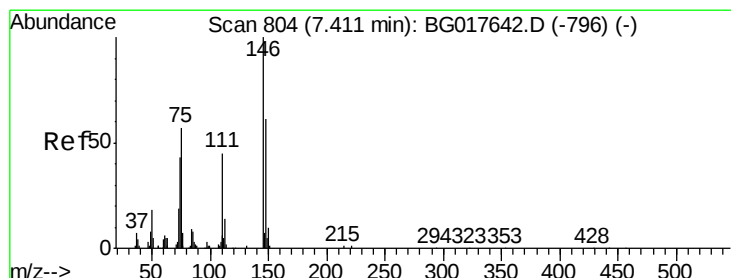
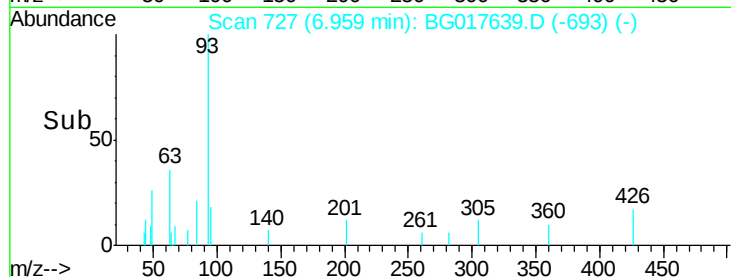
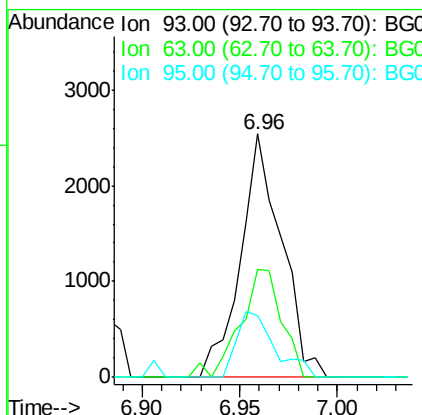
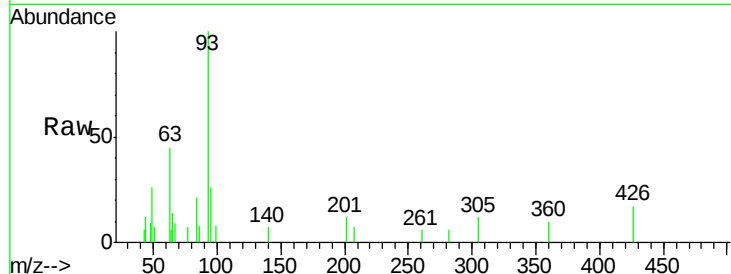
#11
bis(2-Chloroethyl)ether
Concen: 2.75 ng
RT: 6.96 min Scan# 727
Delta R.T. 0.00 min
Lab File: BG017639.D
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Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	44.5	40.5	80.5
95	25.7	11.0	51.0

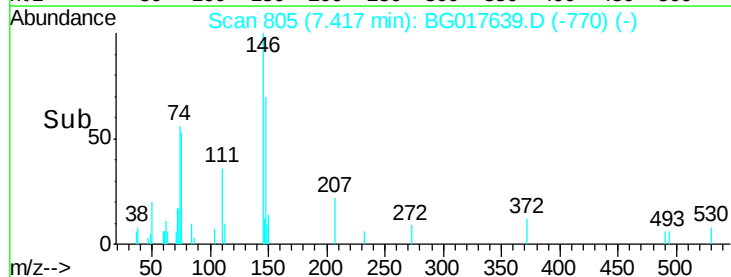
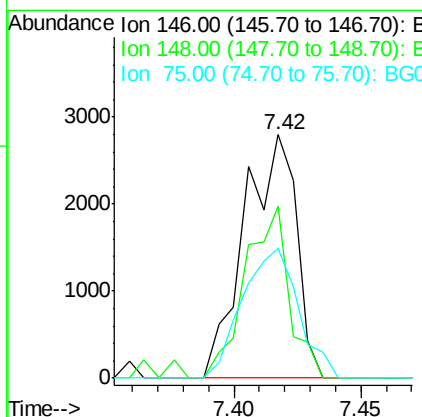
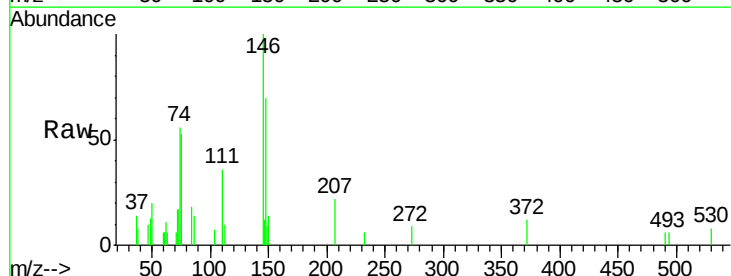
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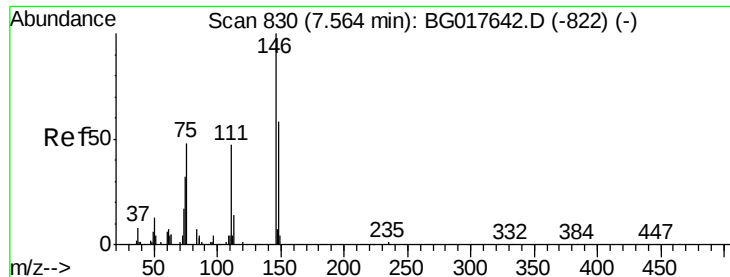
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#12
1,3-Dichlorobenzene
Concen: 2.37 ng
RT: 7.42 min Scan# 805
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	70.4	48.6	73.0
75	60.5	45.7	68.5





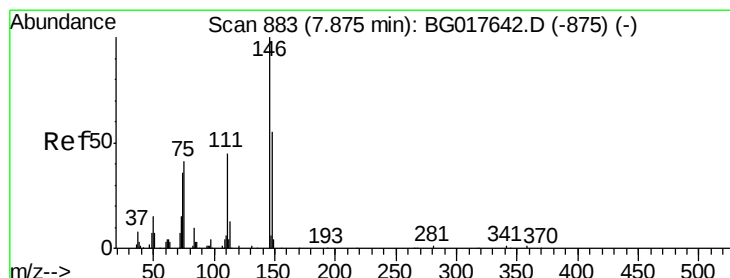
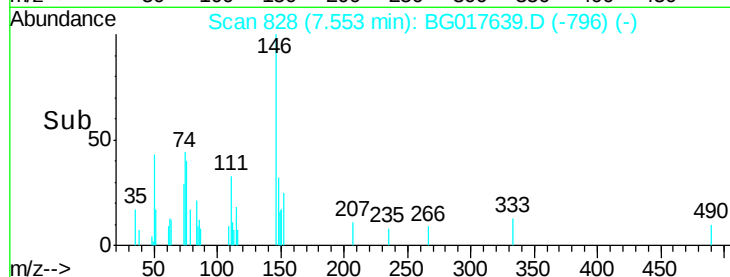
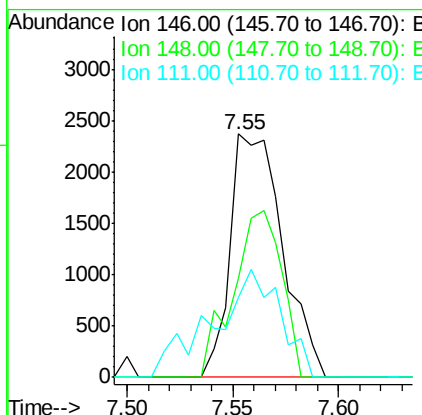
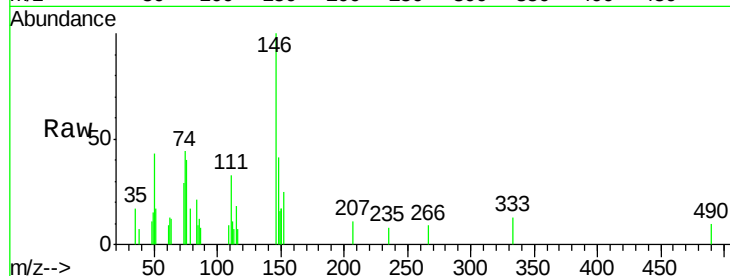
#13
 1,4-Dichlorobenzene
 Concen: 2.30 ng
 RT: 7.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG017639.D
 Acq: 12 Jun 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
146	100		
148	40.8	46.3	69.5#
111	32.7	37.9	56.9#

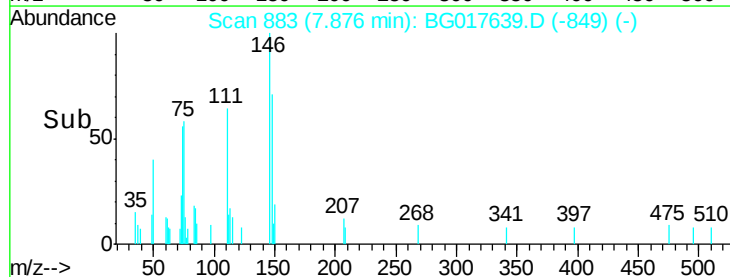
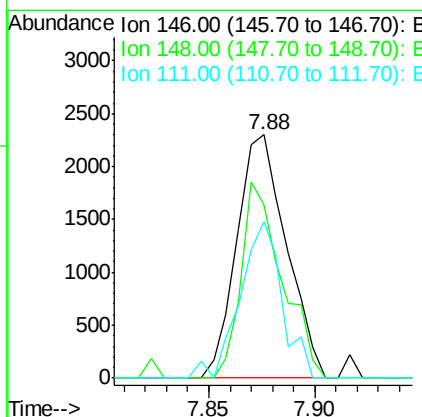
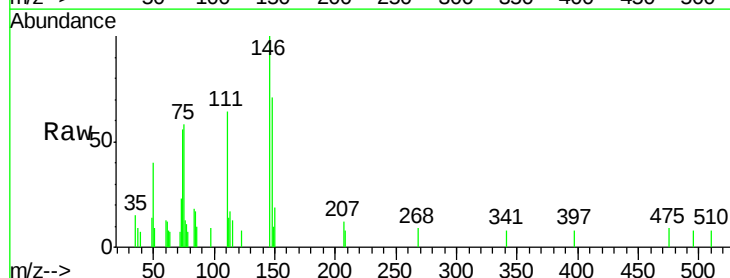
Manual Integrations
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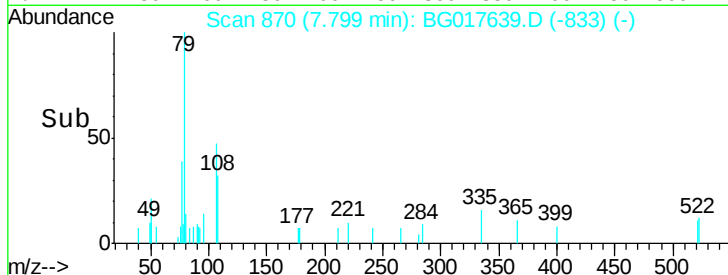
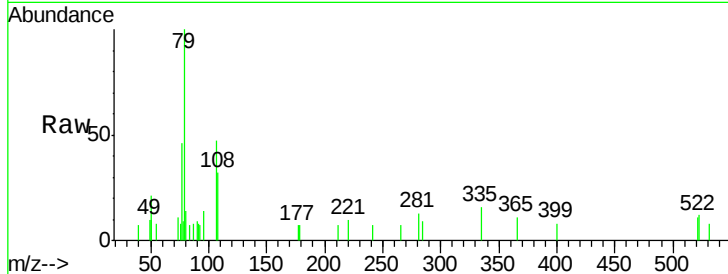
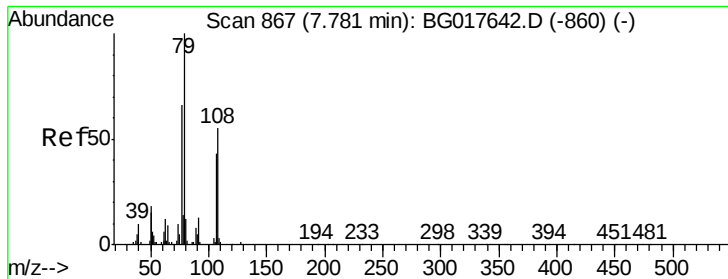
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#14
 1,2-Dichlorobenzene
 Concen: 2.26 ng
 RT: 7.88 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG017639.D
 Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.9	43.8	65.8#
111	64.5	36.3	54.5#





#15

Benzyl Alcohol

Concen: 2.31 ng m

RT: 7.80 min Scan# 870

Delta R.T. 0.02 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	79	Resp:	3825
Ion	Ratio	Lower	Upper
79	100		
108	31.5	44.6	67.0#
77	46.0	53.1	79.7#

Instrument :

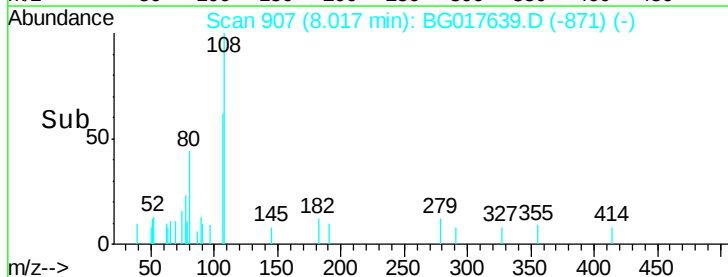
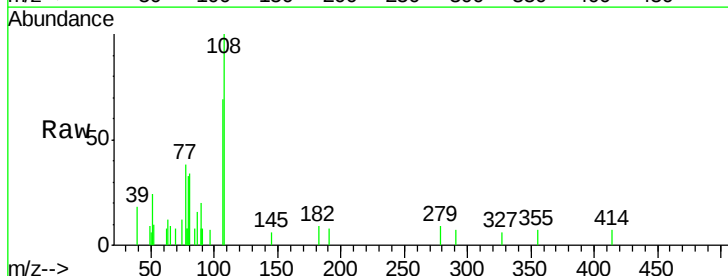
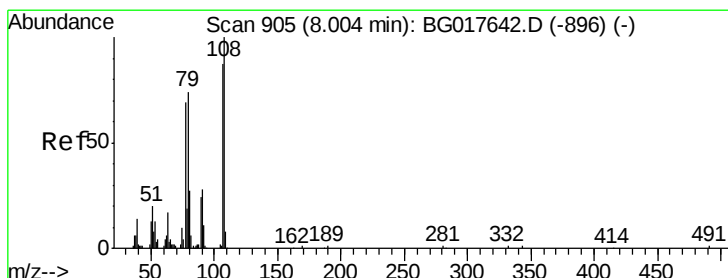
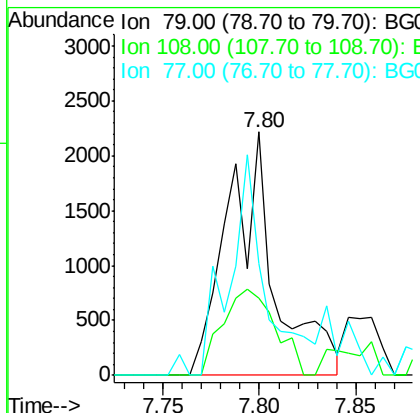
BNA_G

ClientSampleId :

SSTDICC2.5

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#17

2-Methylphenol

Concen: 2.02 ng

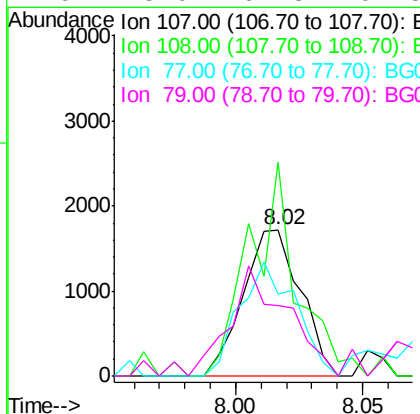
RT: 8.02 min Scan# 907

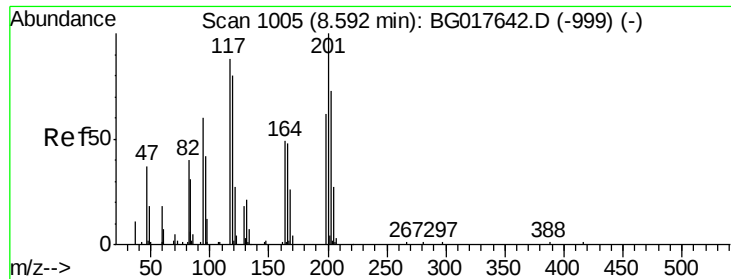
Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	107	Resp:	2706
Ion	Ratio	Lower	Upper
107	100		
108	145.7	91.6	137.4#
77	55.5	63.2	94.8#
79	48.0	67.8	101.8#





#18

Hexachloroethane

Concen: 2.26 ng

RT: 8.59 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

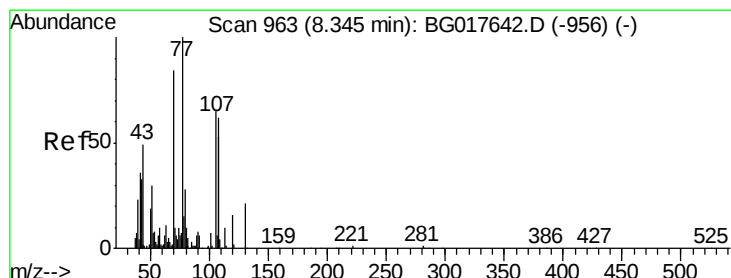
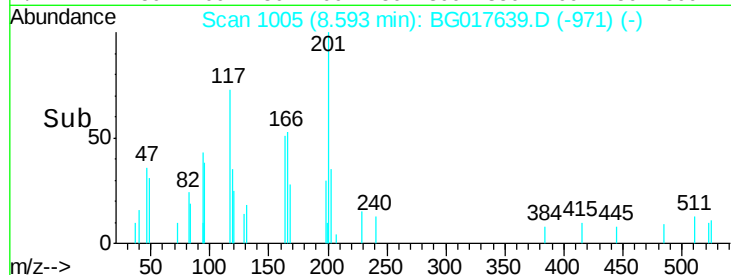
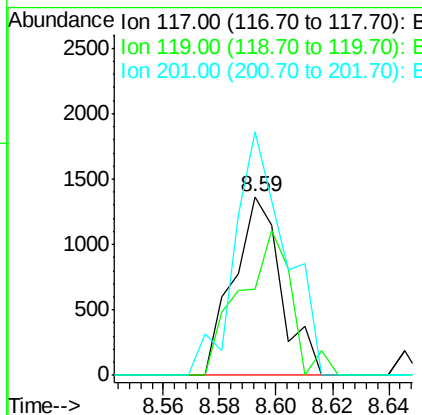
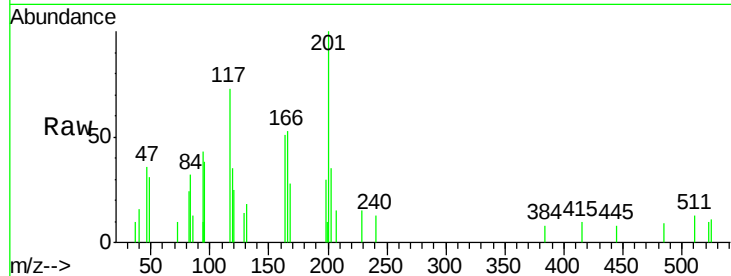
ClientSampleId :

SSTDICC2.5

Tgt Ion:	117	Resp:	1595
Ion Ratio	Lower	Upper	
117	100		
119	48.1	72.8	109.2#
201	136.5	91.0	136.6

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#19

n-Nitroso-di-n-propylamine

Concen: 2.38 ng

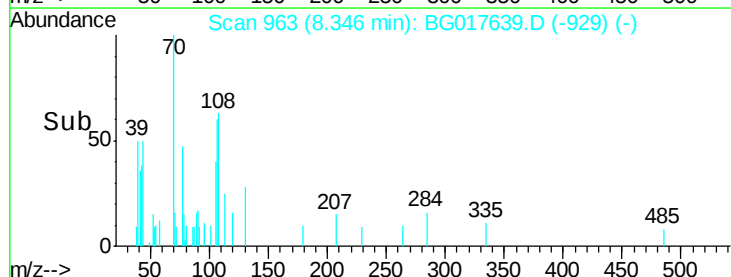
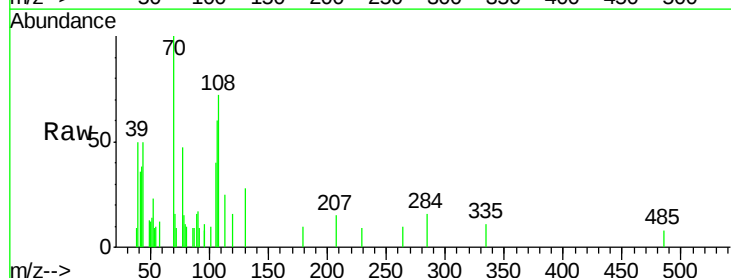
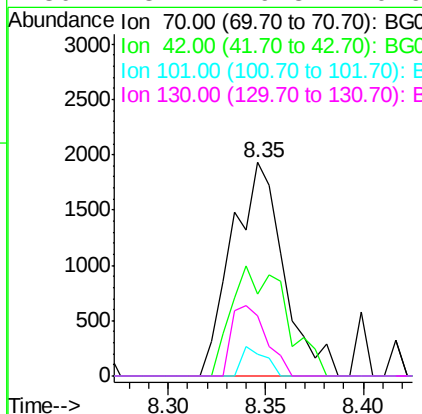
RT: 8.35 min Scan# 963

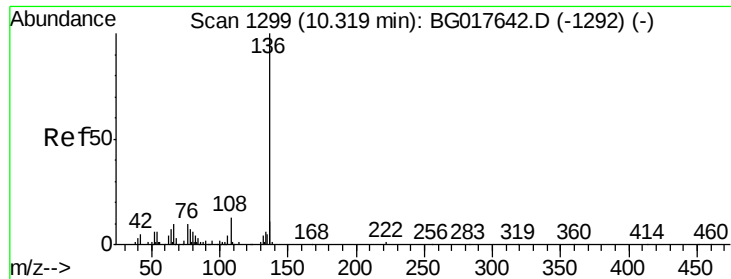
Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	70	Resp:	3538
Ion Ratio	Lower	Upper	
70	100		
42	38.2	31.6	47.4
101	10.1	6.6	9.8#
130	28.1	19.8	29.6





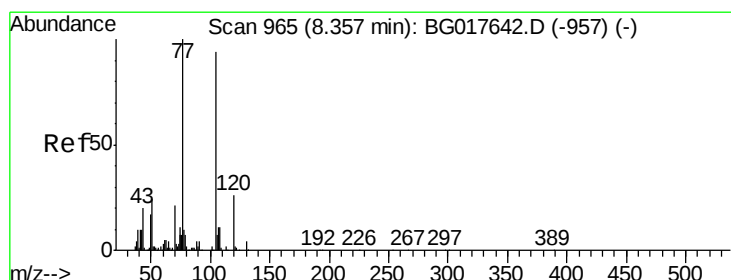
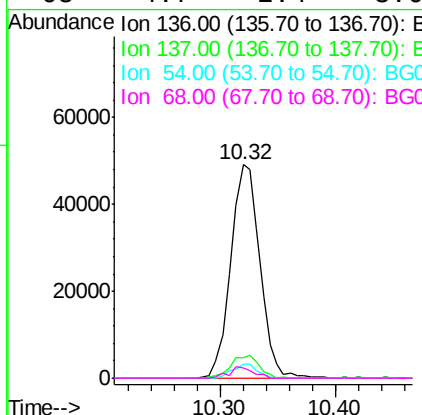
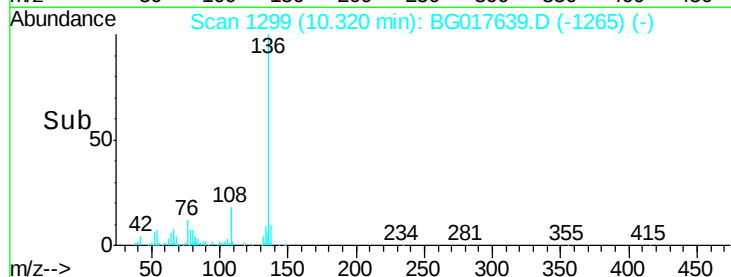
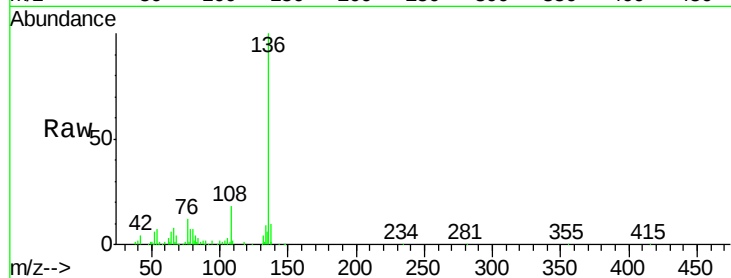
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	86060		
137	9.7	8.7	13.1	
54	6.6	4.7	7.1	
68	4.7	2.4	3.6	

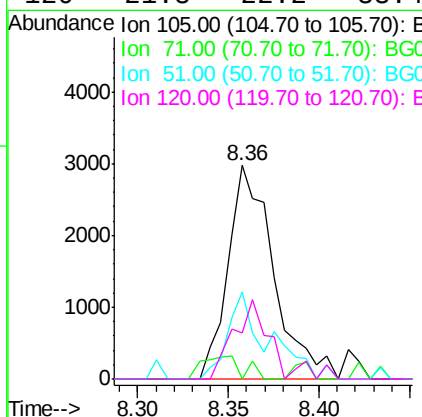
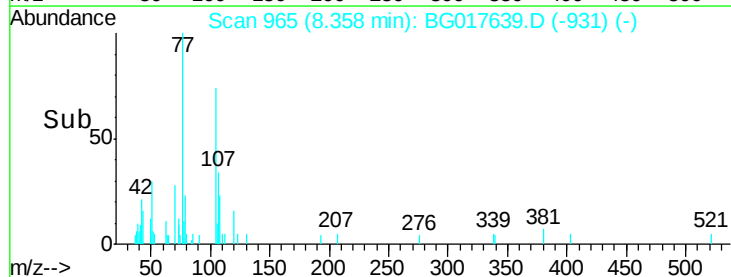
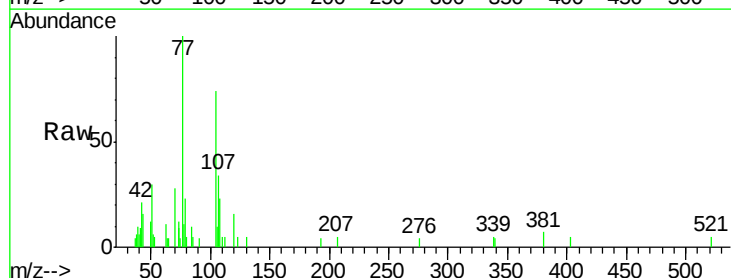
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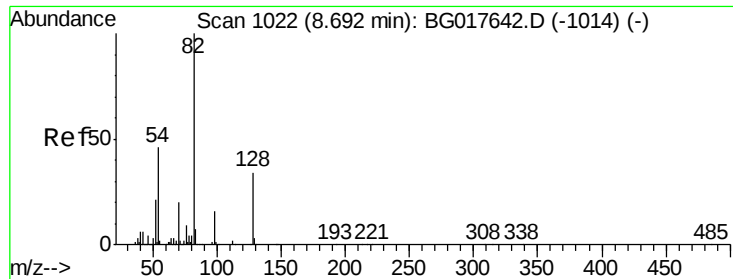
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6/15/2015 4:39:52 PM



#22
Acetophenone
Concen: 2.44 ng
RT: 8.36 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	5200		
71	0.0	2.8	4.2	
51	40.9	21.5	32.3	
120	21.8	22.2	33.4	





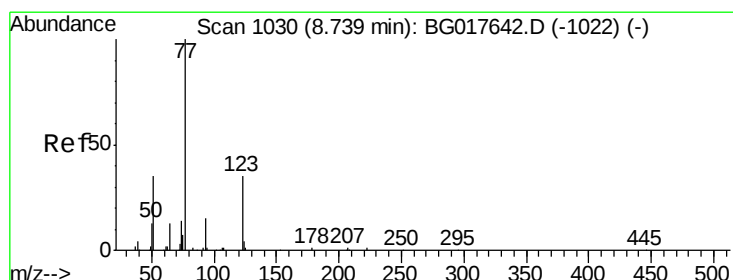
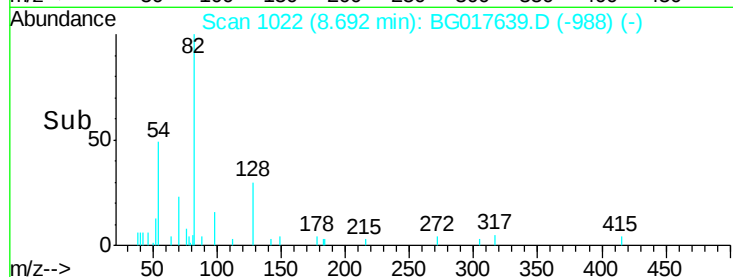
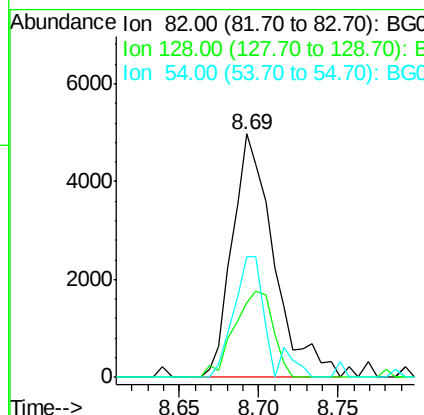
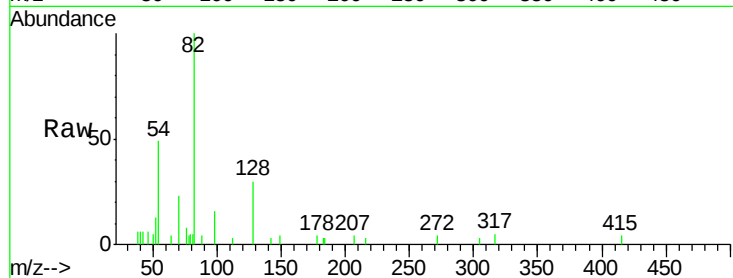
#23
Nitrobenzene-d5
Concen: 5.11 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.4	27.3	40.9
54	49.5	37.0	55.4

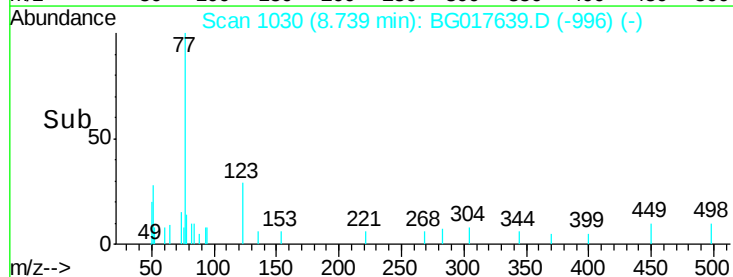
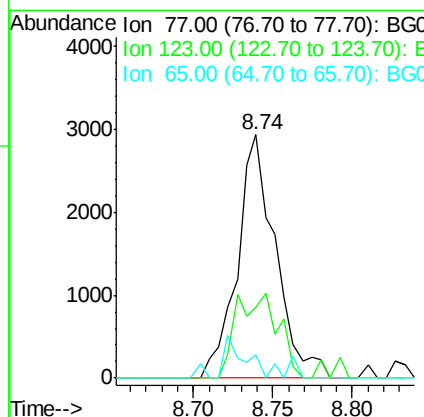
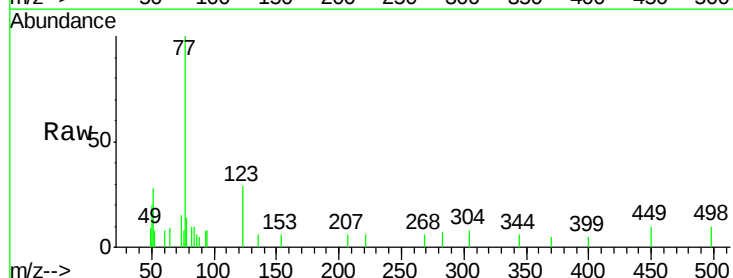
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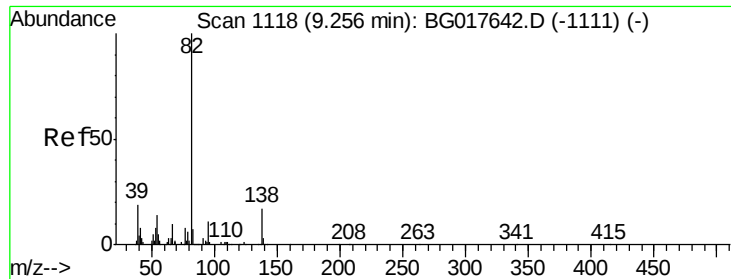
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#24
Nitrobenzene
Concen: 2.65 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.0	28.0	42.0
65	9.4	10.5	15.7#





#25

Isophorone

Concen: 2.25 ng

RT: 9.26 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

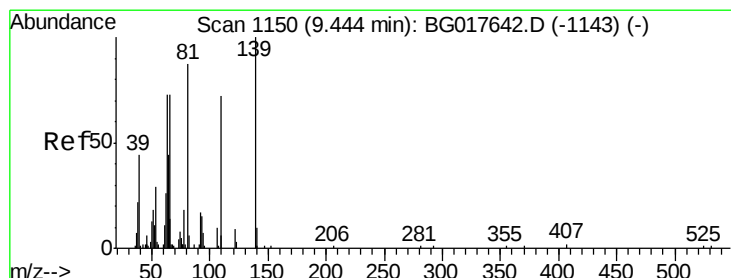
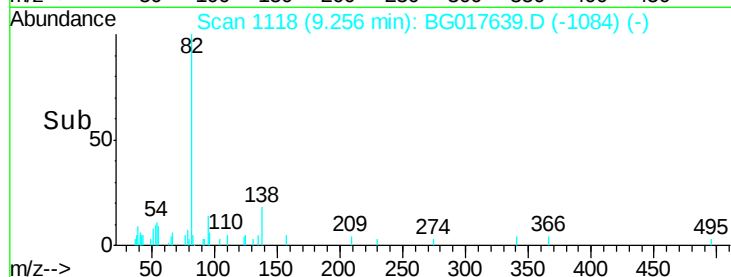
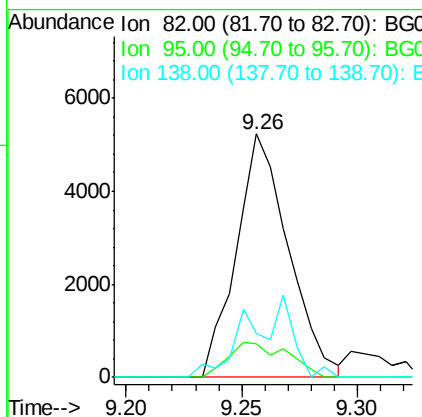
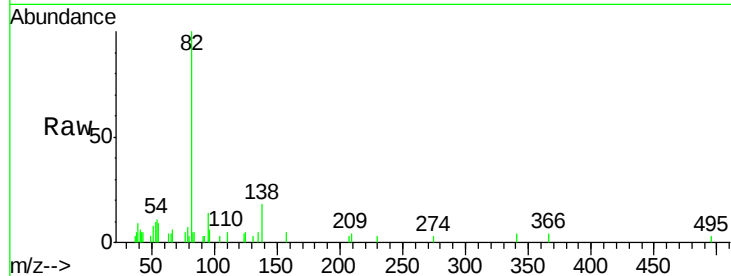
ClientSampleId :

SSTDICC2.5

Tgt Ion:	82	Resp:	8217
Ion Ratio	Lower	Upper	
82	100		
95	13.8	9.0	13.6#
138	18.3	13.8	20.6

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#26

2-Nitrophenol

Concen: 2.61 ng

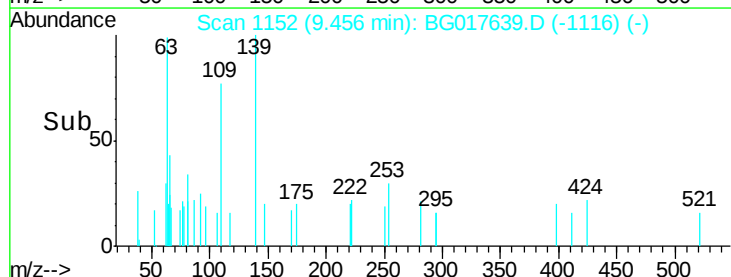
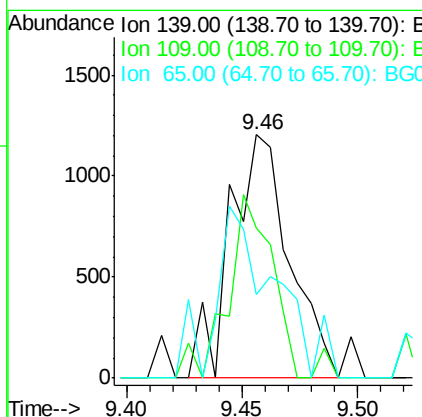
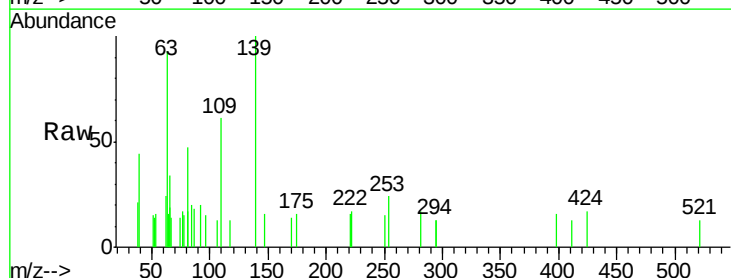
RT: 9.46 min Scan# 1152

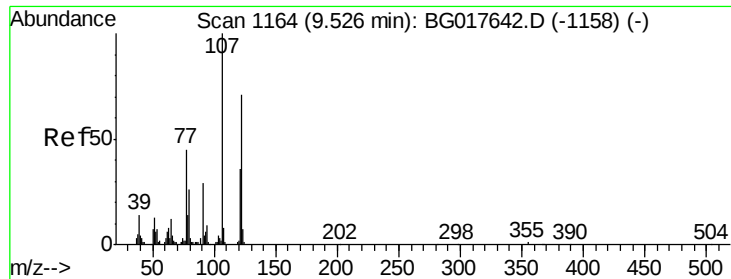
Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	139	Resp:	2148
Ion Ratio	Lower	Upper	
139	100		
109	61.5	57.3	85.9
65	34.1	58.6	88.0#





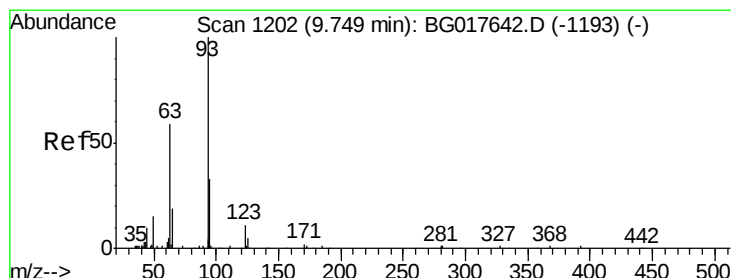
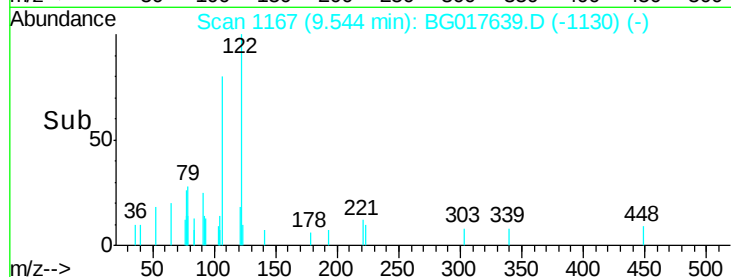
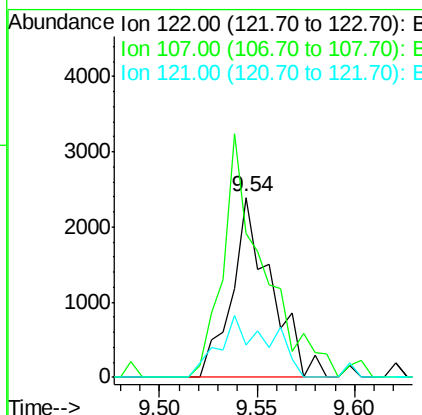
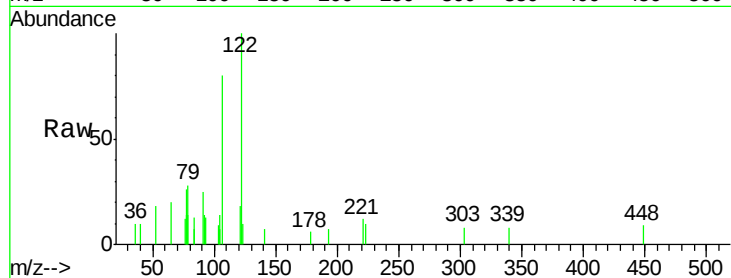
#27
2,4-Dimethylphenol
Concen: 2.45 ng
RT: 9.54 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	3322		
107	79.7	112.3	168.5#	
121	17.8	41.0	61.4#	

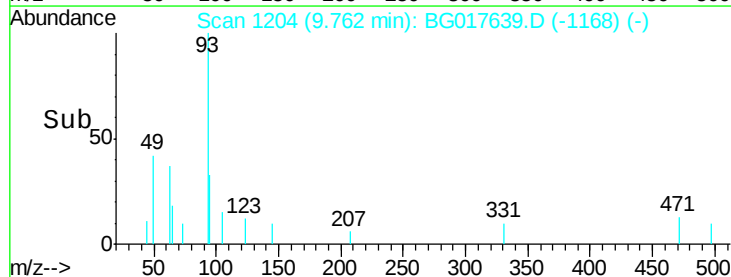
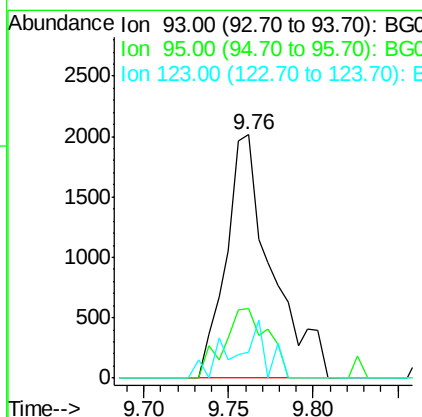
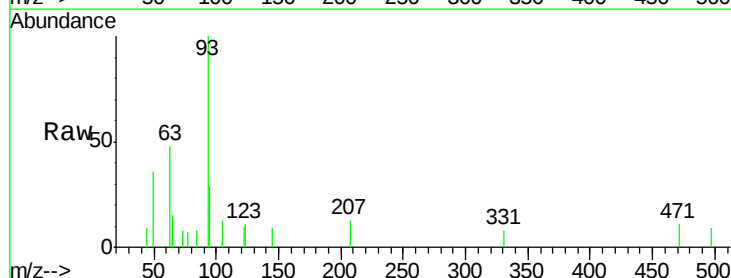
Manual Integrations
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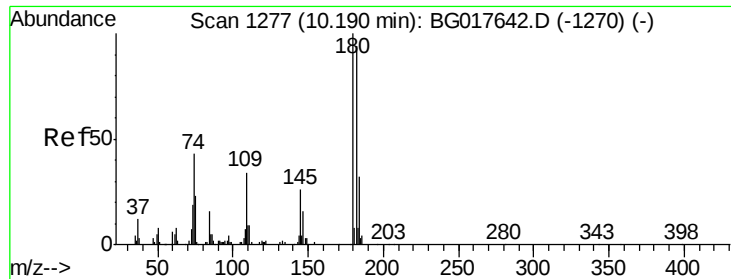
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#28
bis(2-Chloroethoxy)methane
Concen: 2.28 ng
RT: 9.76 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	3755		
95	28.5	26.2	39.4	
123	10.7	9.8	14.6	





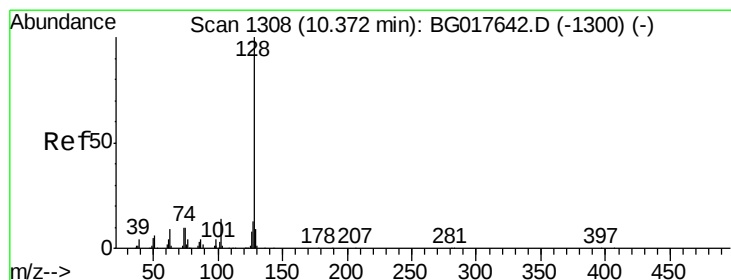
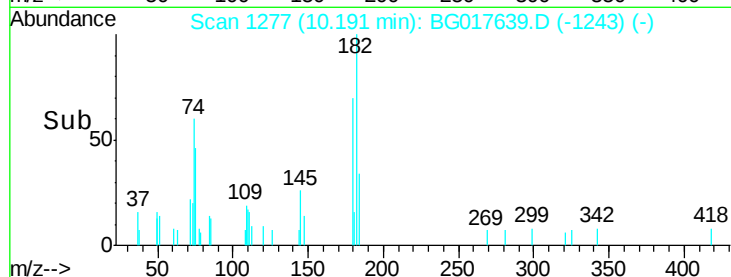
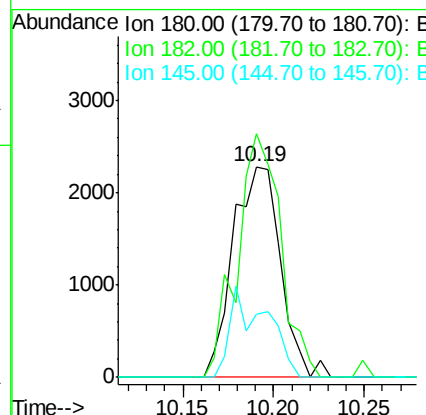
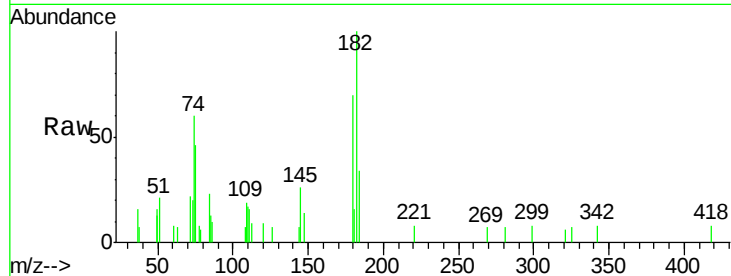
#30
1,2,4-Trichlorobenzene
Concen: 2.59 ng
RT: 10.19 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	4151		
182	115.6	75.0	112.4#	
145	29.7	21.0	31.6	

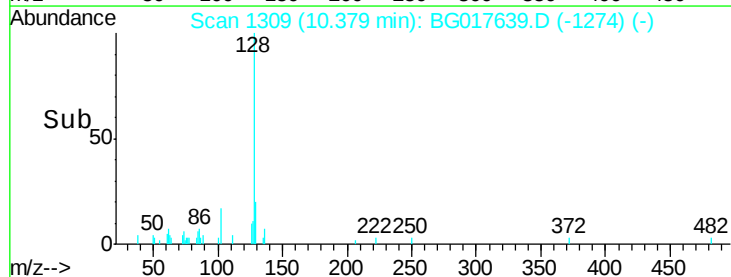
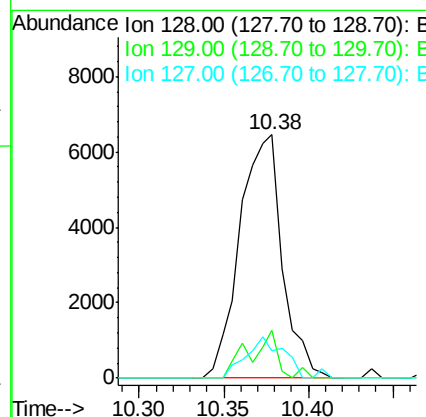
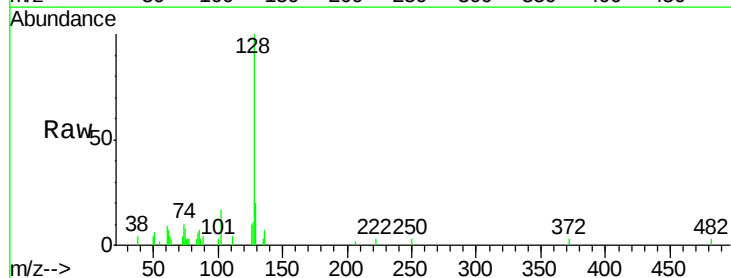
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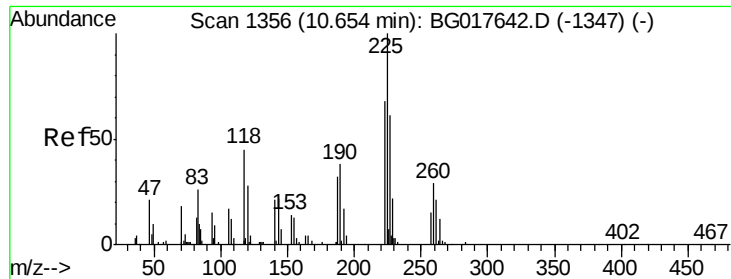
apatel
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#31
Naphthalene
Concen: 2.51 ng
RT: 10.38 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	11324		
129	19.7	7.0	10.4#	
127	11.1	10.2	15.2	





#34

Hexachlorobutadiene

Concen: 3.58 ng

RT: 10.65 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

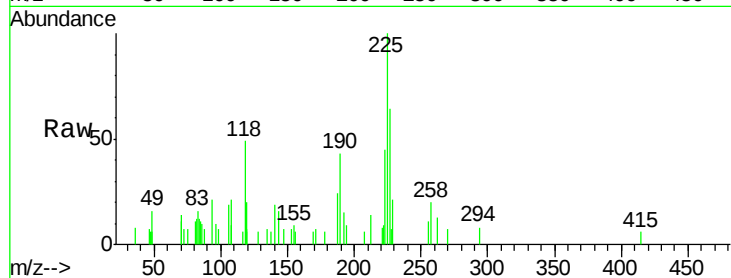
ClientSampleId :

SSTDICC2.5

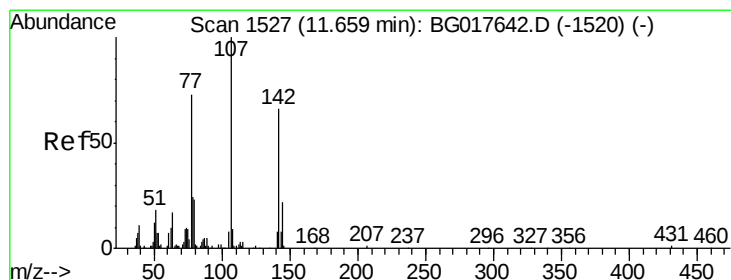
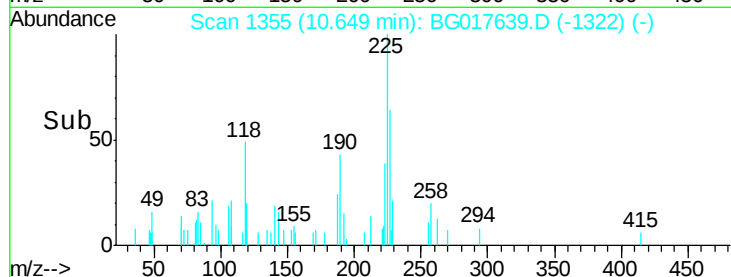
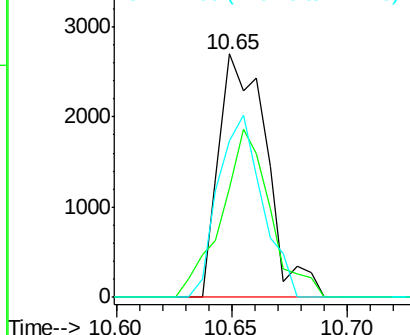
Tgt Ion:	225	Resp:	3873
Ion Ratio	Lower	Upper	
225	100		
223	45.0	54.2	81.2#
227	64.5	52.0	78.0

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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



#36

4-Chloro-3-methylphenol

Concen: 2.29 ng

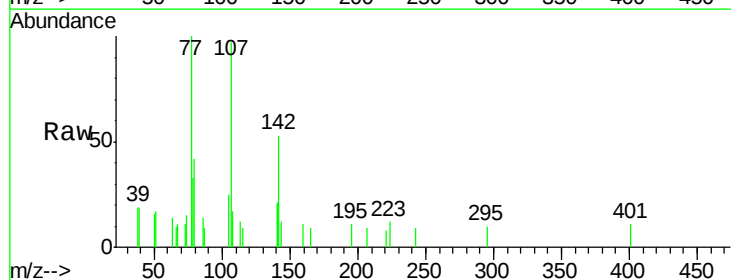
RT: 11.68 min Scan# 1531

Delta R.T. 0.02 min

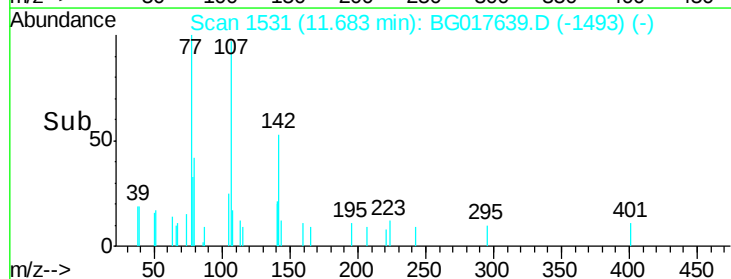
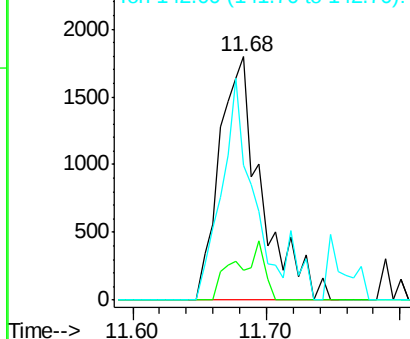
Lab File: BG017639.D

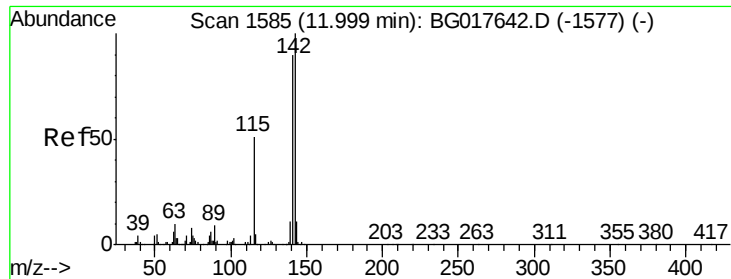
Acq: 12 Jun 2015 16:36

Tgt Ion:	107	Resp:	3970
Ion Ratio	Lower	Upper	
107	100		
144	12.3	17.3	25.9#
142	55.1	52.6	79.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





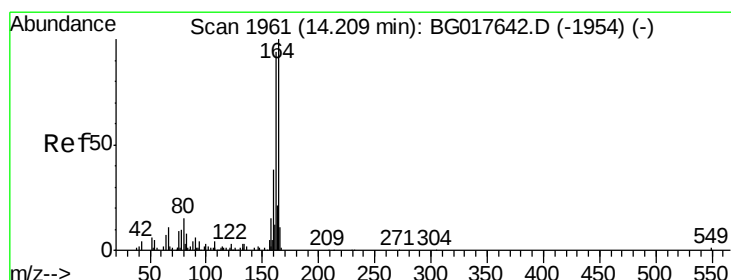
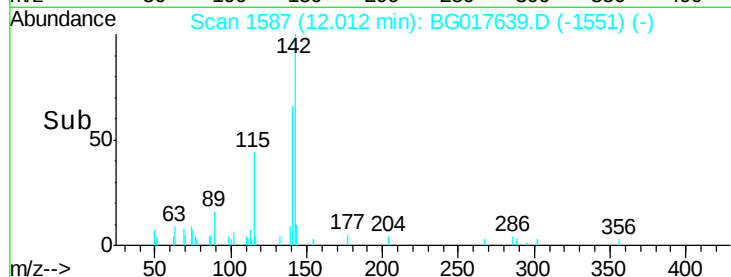
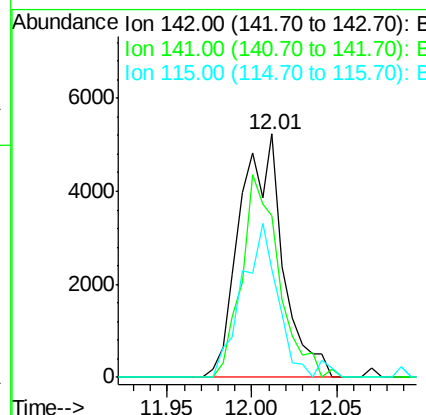
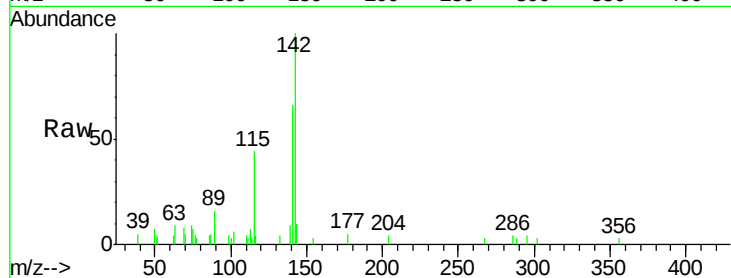
#37
2-Methylnaphthalene
Concen: 2.66 ng
RT: 12.01 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
142	100		
141	66.2	71.8	107.8#
115	44.4	41.0	61.4

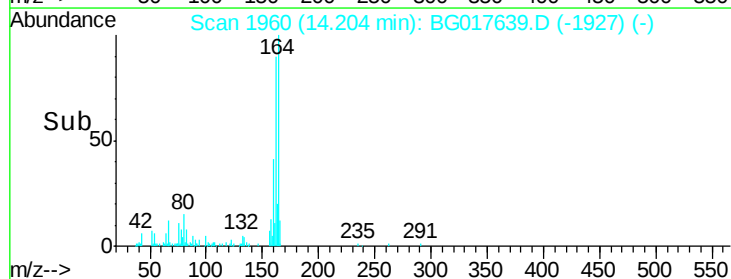
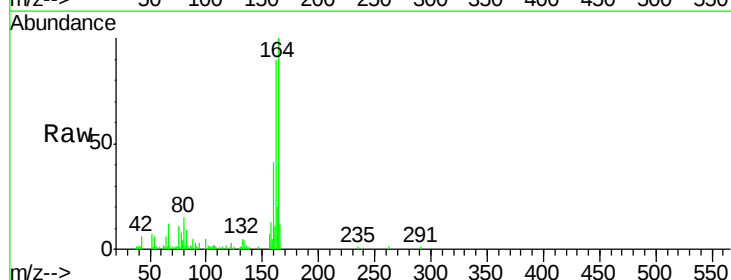
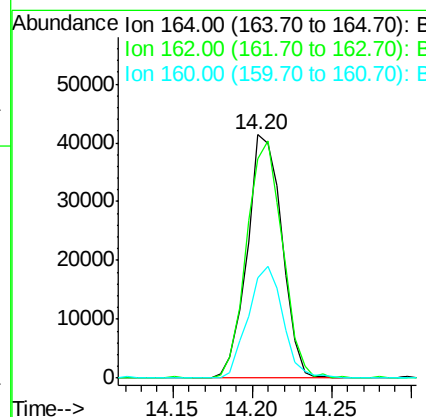
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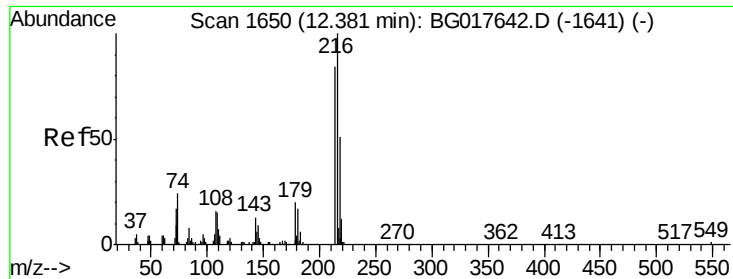
apatel
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	89.9	75.0	112.4
160	41.3	30.3	45.5





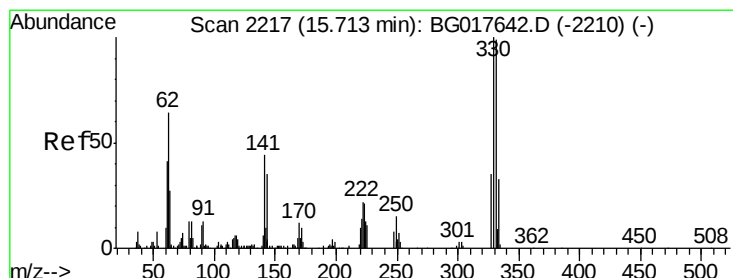
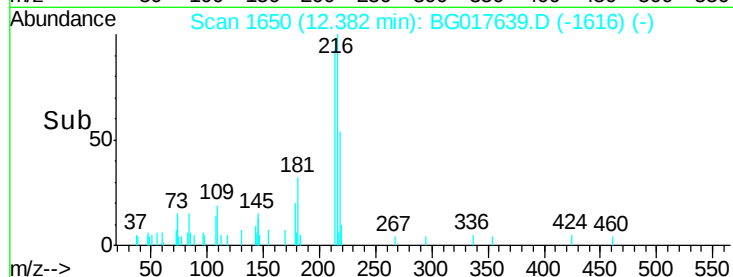
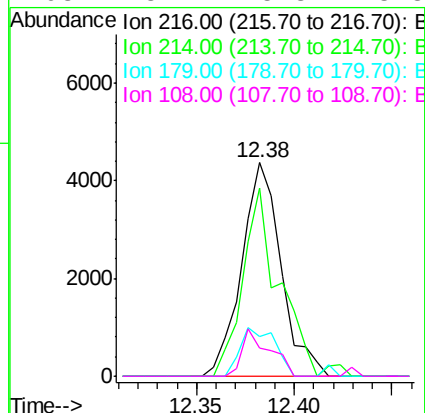
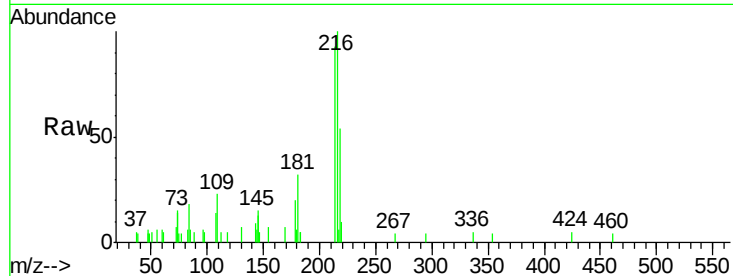
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.03 ng
 RT: 12.38 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BG017639.D
 Acq: 12 Jun 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
216	100		
214	82.8	63.2	94.8
179	20.2	15.8	23.8
108	15.4	15.8	23.8

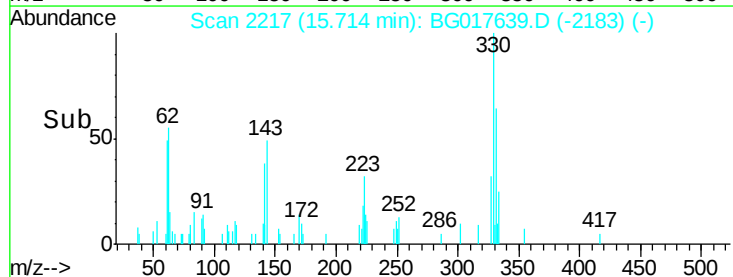
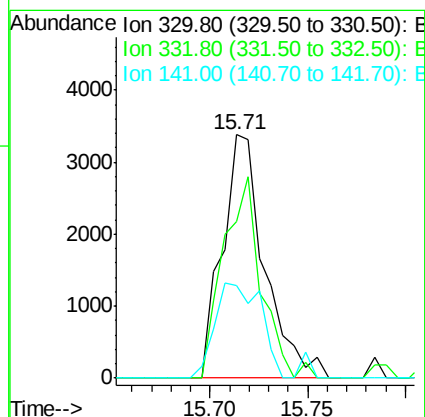
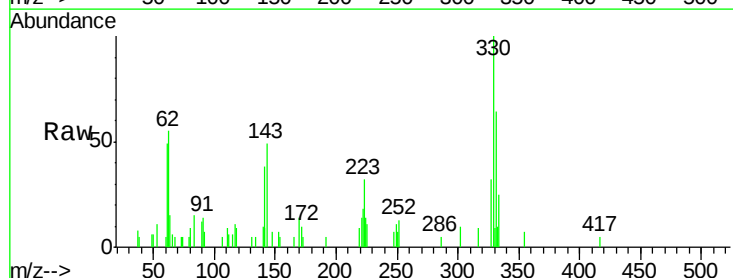
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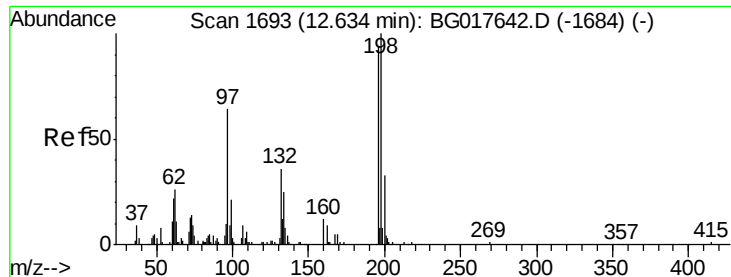
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#41
 2,4,6-Tribromophenol
 Concen: 5.59 ng
 RT: 15.71 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG017639.D
 Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	74.4	76.6	114.8
141	42.4	34.6	51.8





#42

2,4,6-Trichlorophenol

Concen: 2.62 ng m

RT: 12.65 min Scan# 1696

Delta R.T. 0.02 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

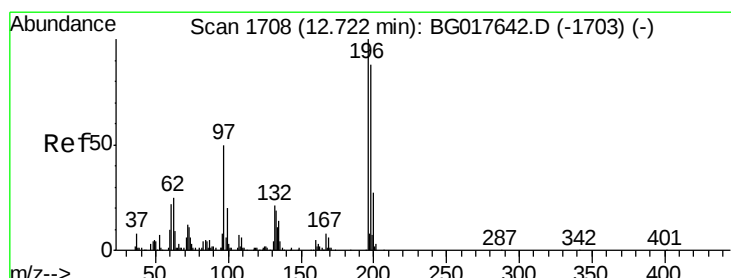
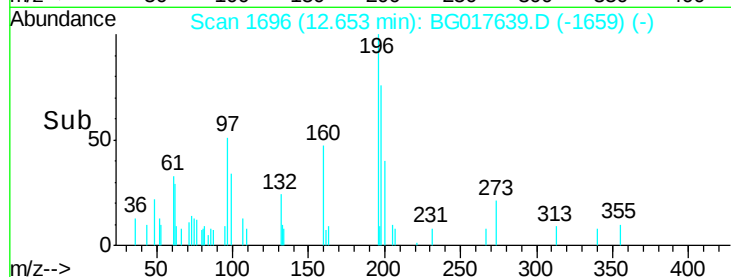
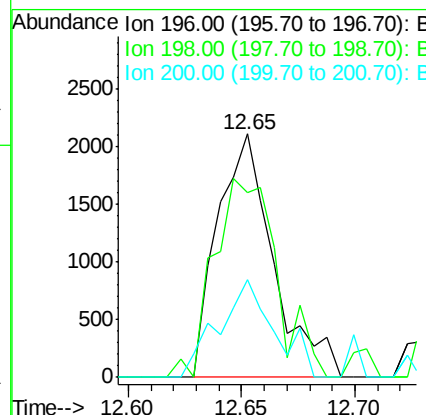
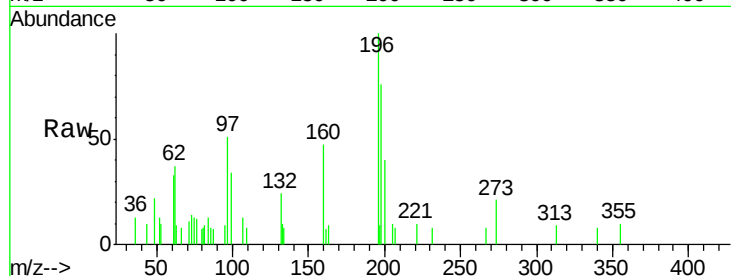
ClientSampleId :

SSTDICC2.5

Tgt Ion:	196	Resp:	3631
Ion Ratio	Lower	Upper	
196	100		
198	76.0	85.3	127.9#
200	40.0	28.2	42.2

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#43

2,4,5-Trichlorophenol

Concen: 2.19 ng

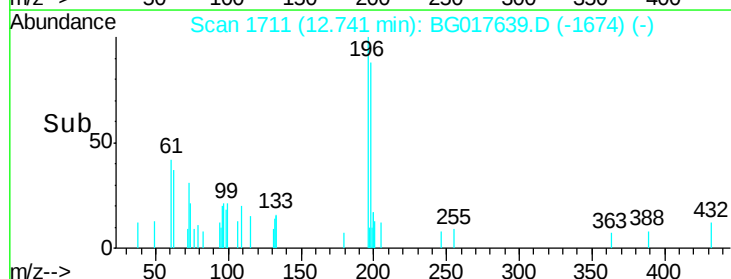
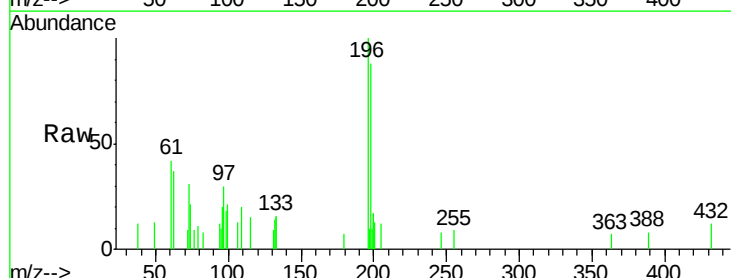
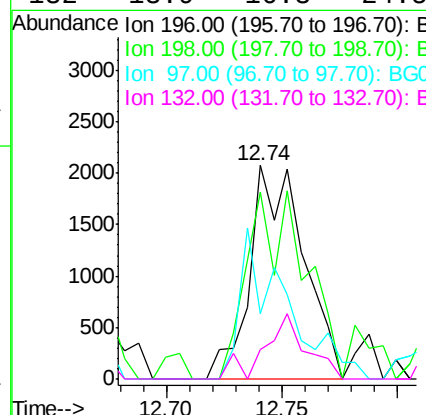
RT: 12.74 min Scan# 1711

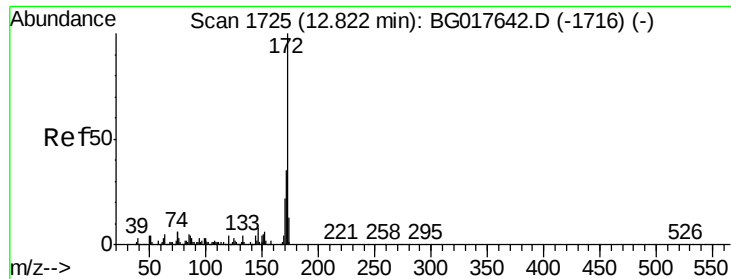
Delta R.T. 0.02 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	196	Resp:	3361
Ion Ratio	Lower	Upper	
196	100		
198	87.7	70.9	106.3
97	30.4	40.2	60.4#
132	13.9	16.3	24.5#





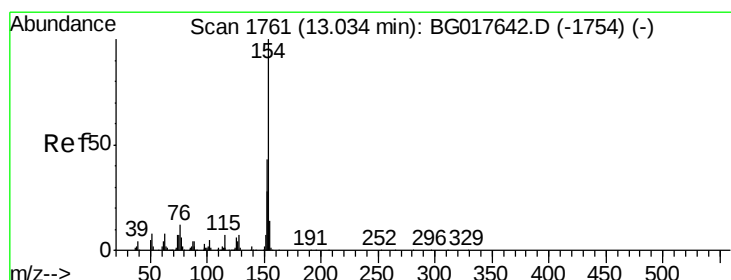
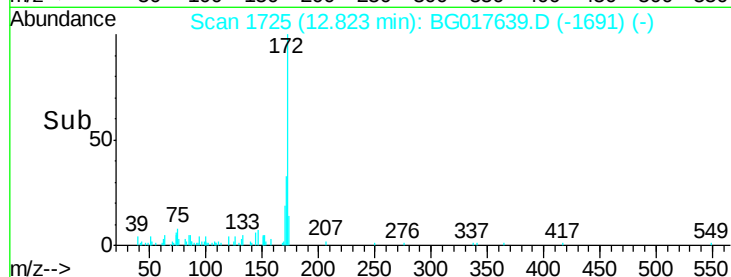
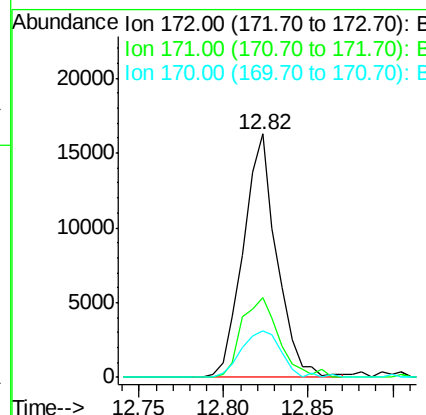
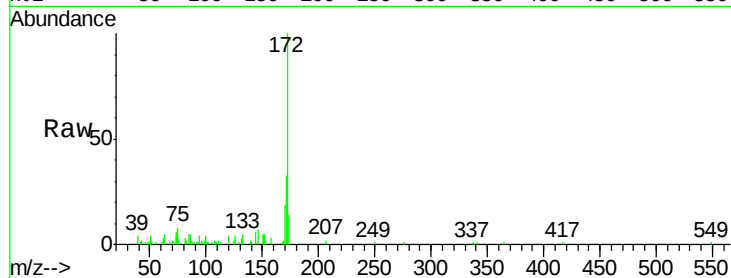
#44
2-Fluorobiphenyl
Concen: 5.33 ng
RT: 12.82 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	28.2	42.2
170	18.9	17.4	26.2

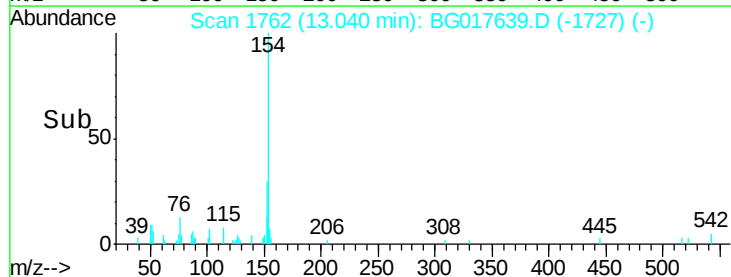
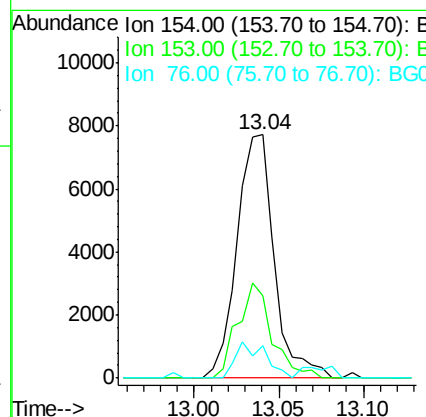
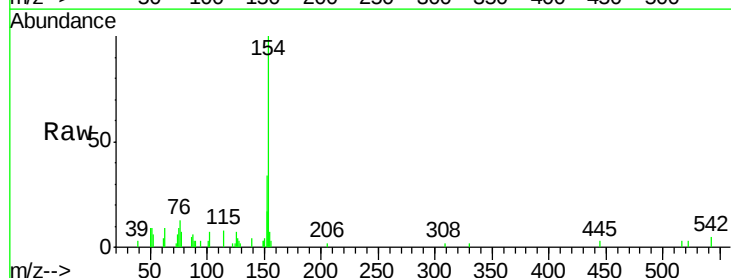
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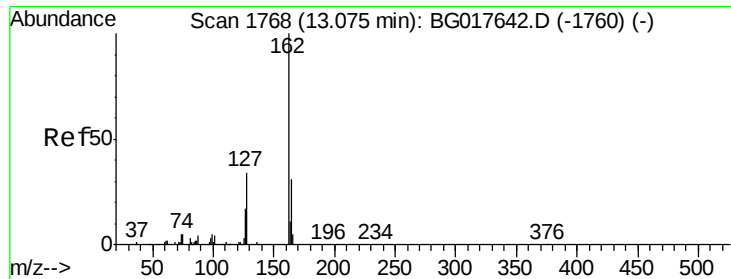
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#45
1,1'-Biphenyl
Concen: 2.57 ng
RT: 13.04 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	34.0	22.9	62.9
76	13.4	0.0	31.8





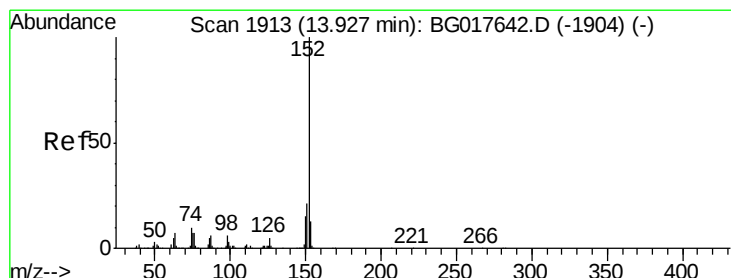
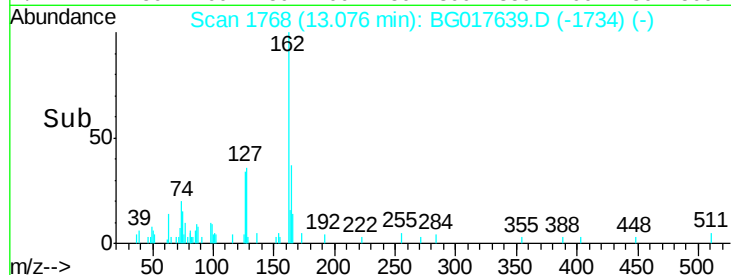
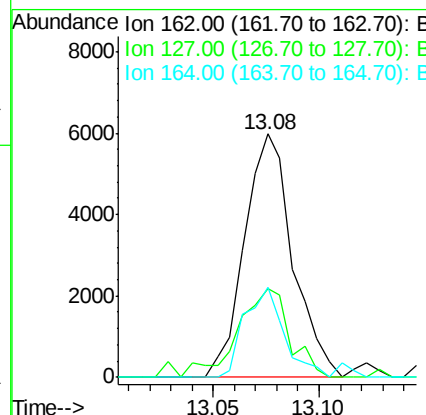
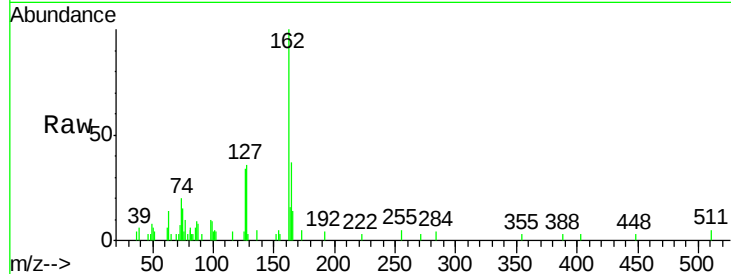
#46
2-Chloronaphthalene
Concen: 2.47 ng
RT: 13.08 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.6	47.4
164	36.9	25.0	37.6

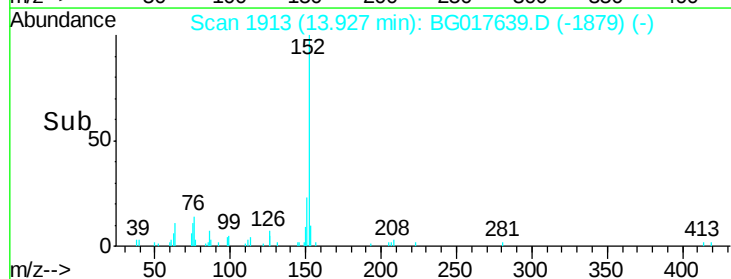
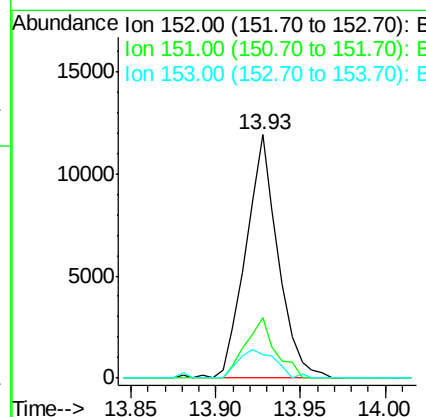
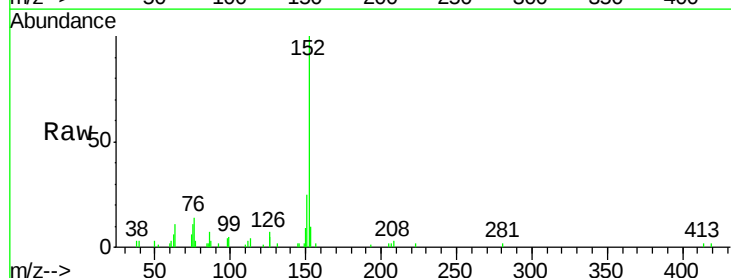
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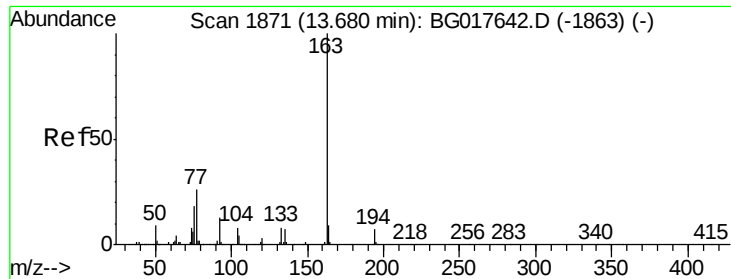
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#48
Acenaphthylene
Concen: 2.35 ng
RT: 13.93 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.8	17.0	25.4
153	9.6	10.5	15.7#





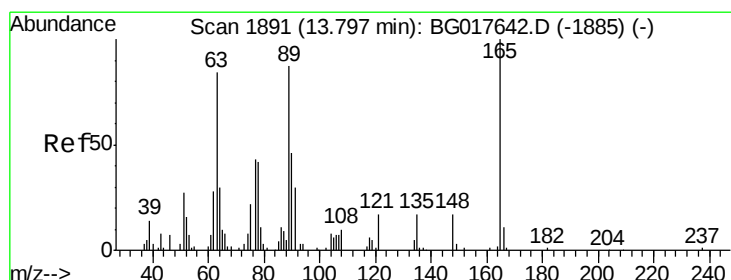
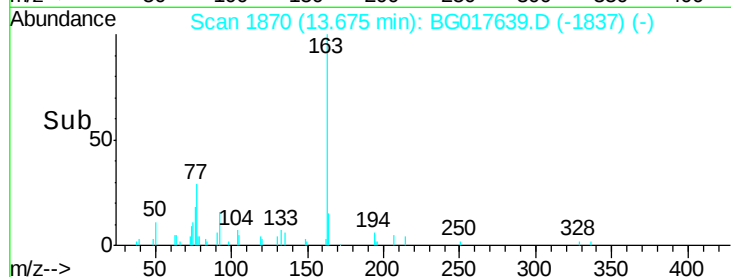
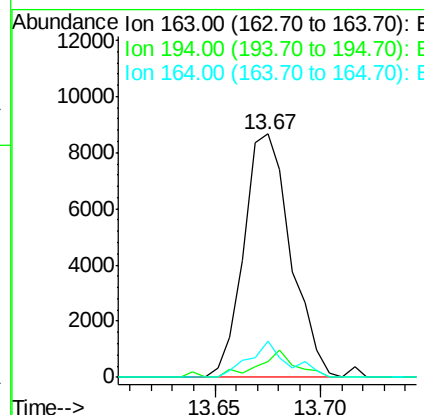
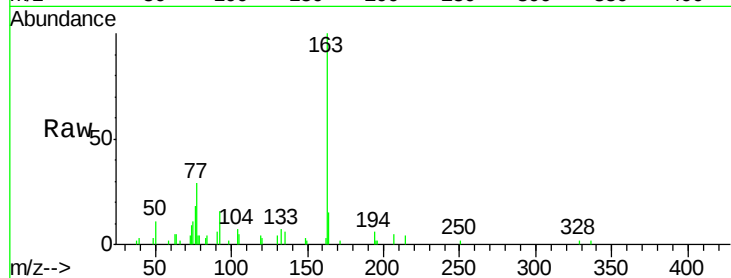
#49
Dimethylphthalate
Concen: 2.43 ng
RT: 13.67 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	13317		
194	6.2	5.7	8.5	
164	15.1	7.1	10.7	

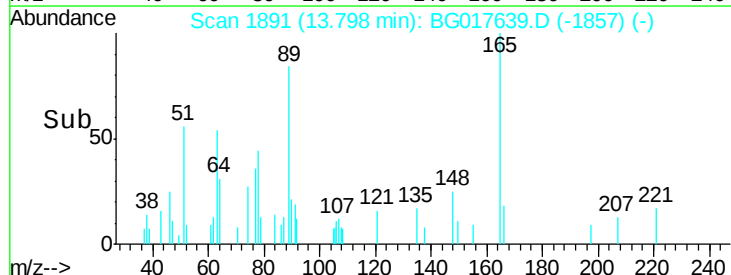
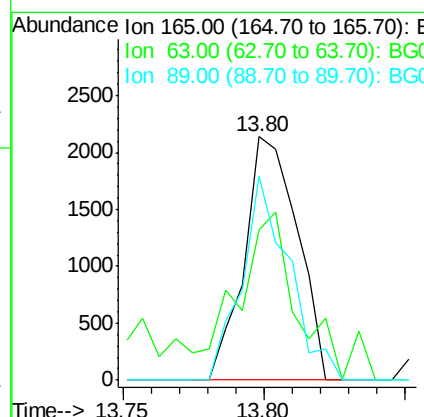
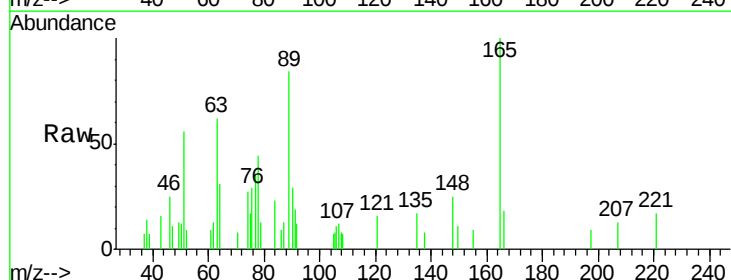
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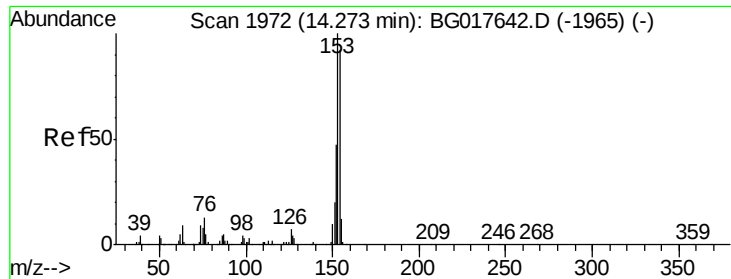
apatel
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#50
2,6-Dinitrotoluene
Concen: 2.27 ng
RT: 13.80 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	2778		
63	61.7	70.2	105.4	
89	83.9	69.8	104.8	





#51

Acenaphthene

Concen: 2.17 ng

RT: 14.27 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

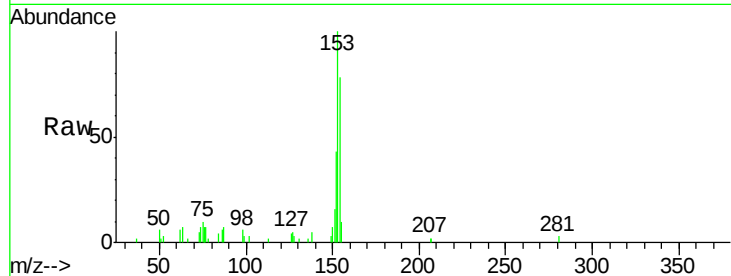
ClientSampleId :

SSTDICC2.5

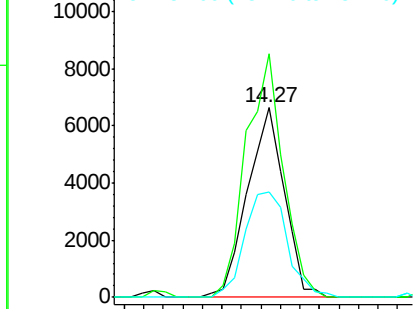
Tgt Ion:	154	Resp:	8683
Ion Ratio	Lower	Upper	
154	100		
153	128.3	87.2	130.8
152	55.3	41.0	61.4

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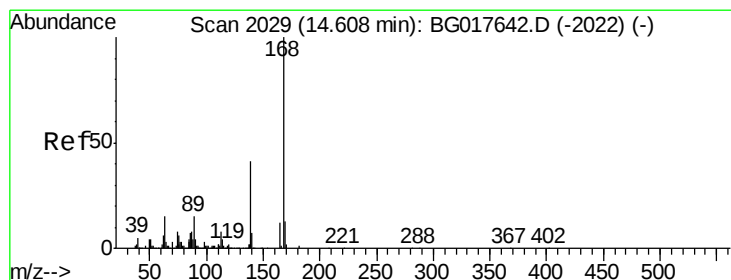
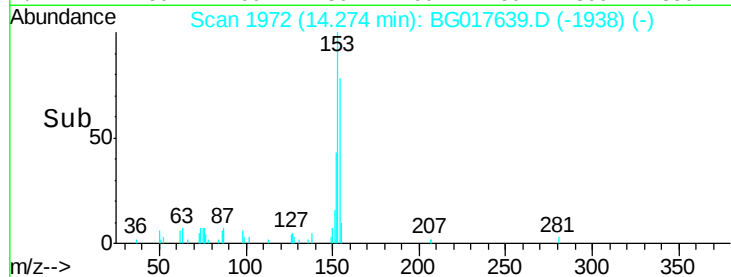
apatel
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->



#54

Dibenzofuran

Concen: 2.58 ng

RT: 14.61 min Scan# 2030

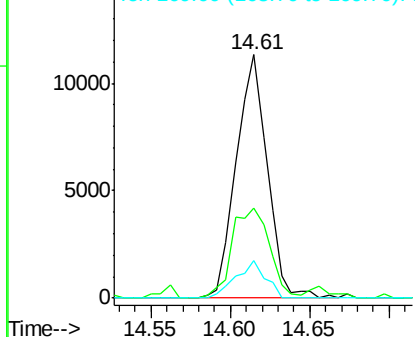
Delta R.T. 0.01 min

Lab File: BG017639.D

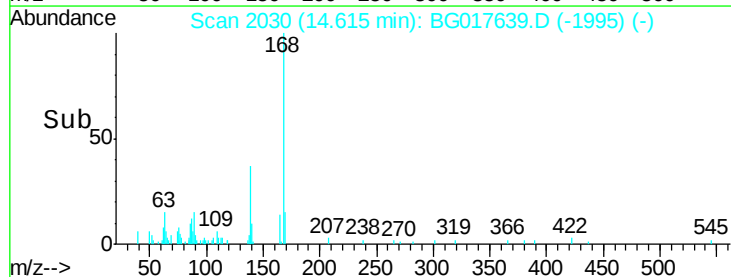
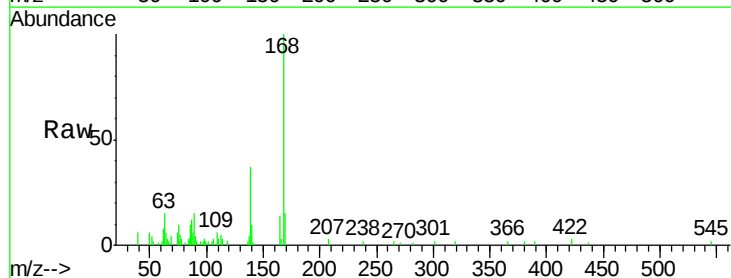
Acq: 12 Jun 2015 16:36

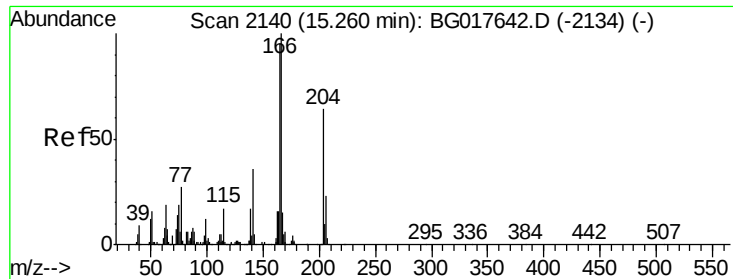
Tgt Ion:	168	Resp:	15392
Ion Ratio	Lower	Upper	
168	100		
139	36.9	32.8	49.2
169	15.4	10.3	15.5

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



Time-->





#57

Fluorene

Concen: 2.38 ng

RT: 15.26 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

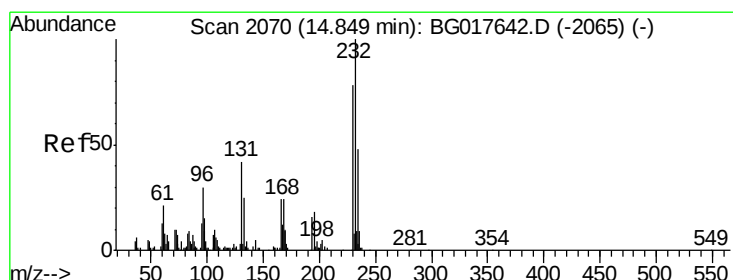
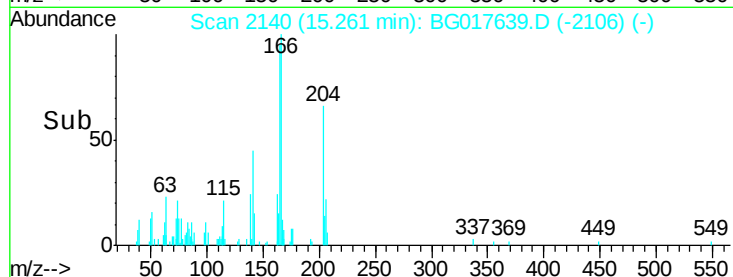
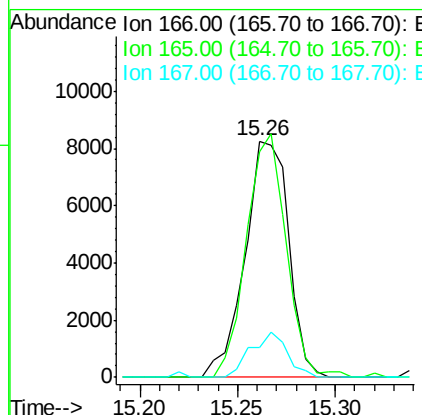
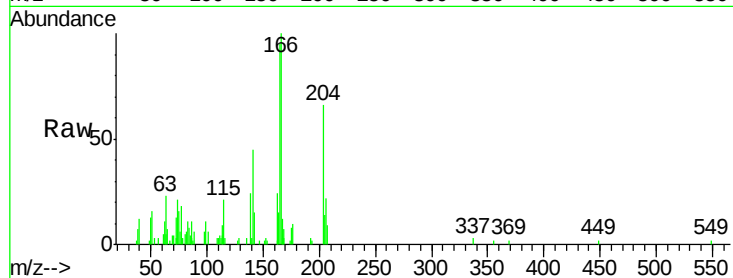
ClientSampleId :

SSTDICC2.5

Tgt Ion:	166	Resp:	12763
Ion Ratio	Lower	Upper	
166	100		
165	95.4	76.2	114.4
167	15.3	12.2	18.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 2.68 ng

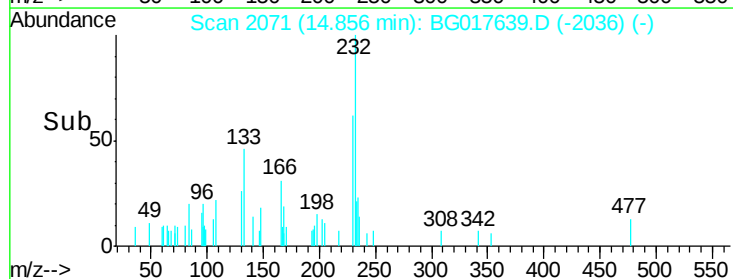
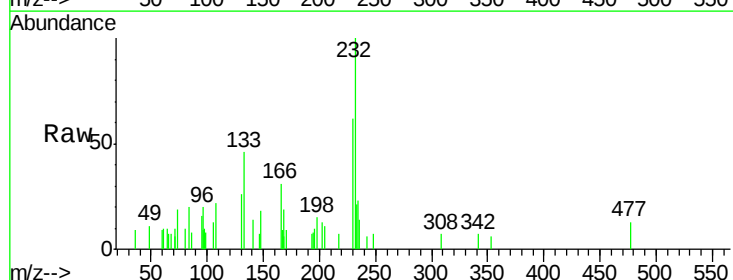
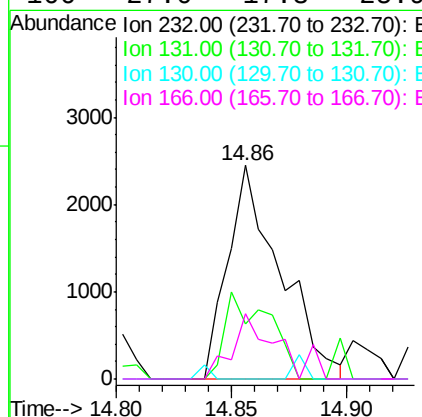
RT: 14.86 min Scan# 2071

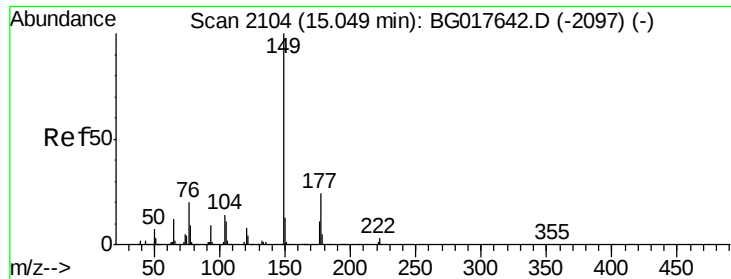
Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	232	Resp:	3857
Ion Ratio	Lower	Upper	
232	100		
131	33.9	31.3	46.9
130	1.6	2.8	4.2#
166	27.0	17.3	25.9#





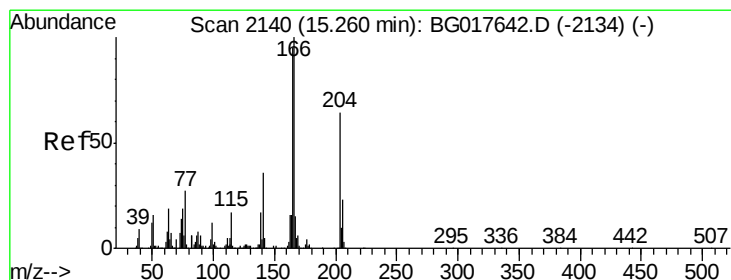
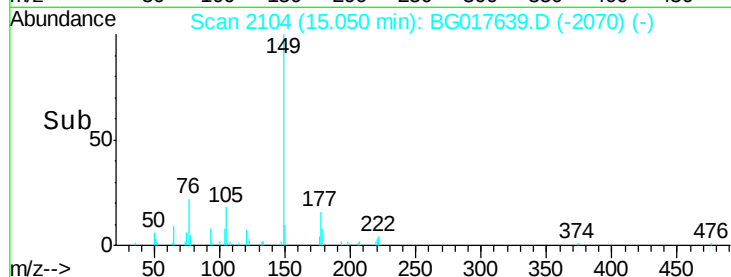
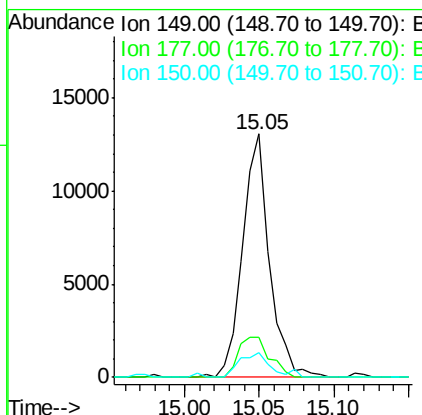
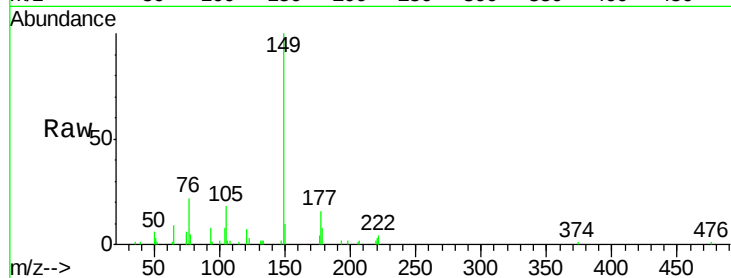
#59
Diethylphthalate
Concen: 2.73 ng
RT: 15.05 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
149	100		
177	16.3	19.3	28.9#
150	10.3	10.2	15.2

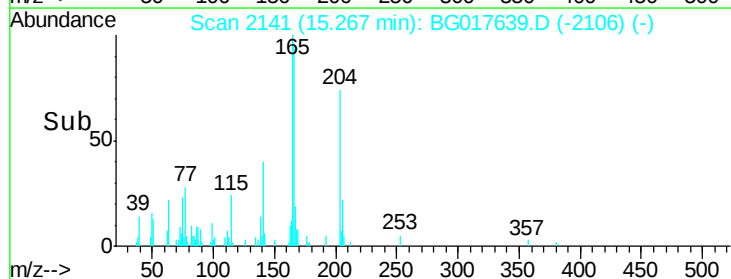
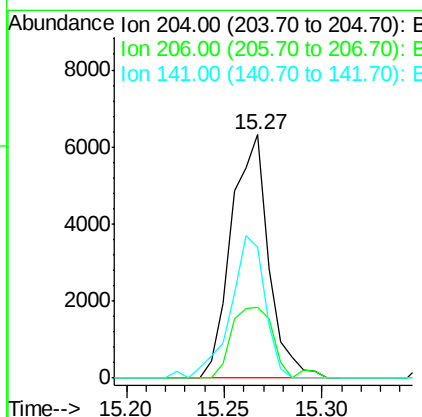
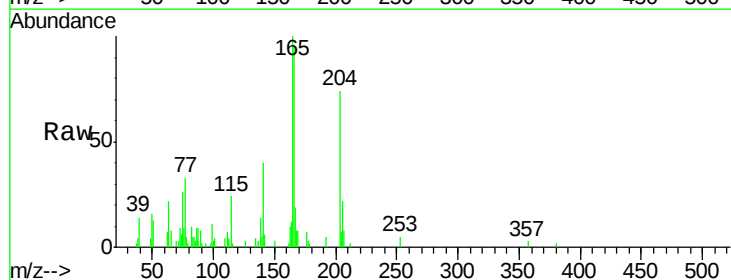
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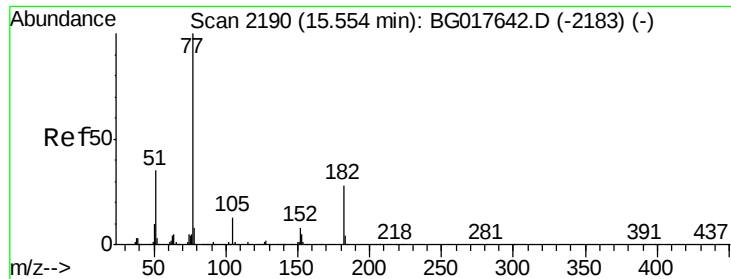
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#60
4-Chlorophenyl-phenylether
Concen: 2.97 ng
RT: 15.27 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	29.0	28.9	43.3
141	53.7	45.3	67.9





#62

Azobenzene

Concen: 2.67 ng

RT: 15.55 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG017639.D

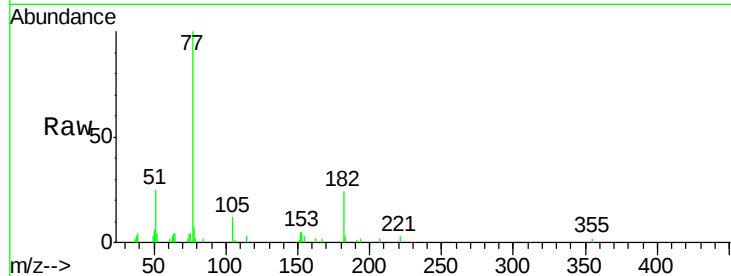
Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

ClientSampleId :

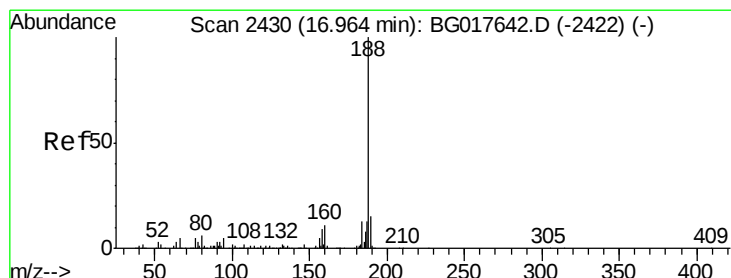
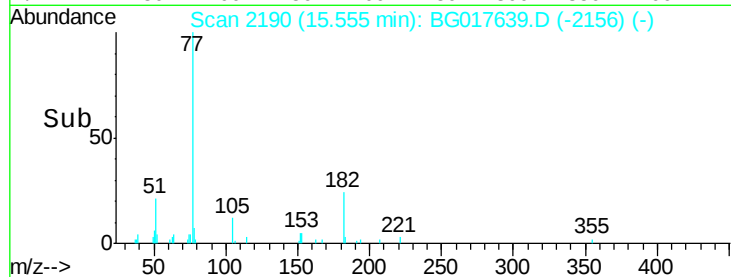
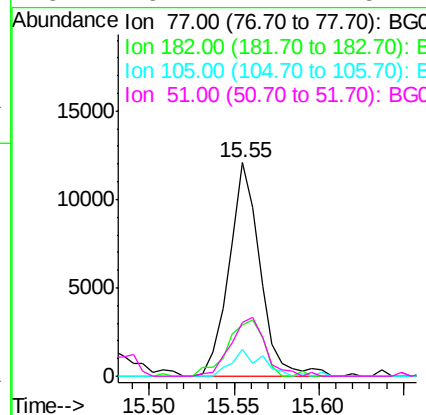
SSTDICC2.5



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		15407		
182	23.7	8.2	48.2		
105	12.5	0.0	33.0		
51	25.4	14.7	54.7		

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#63

Phenanthrene-d10

Concen: 20.00 ng

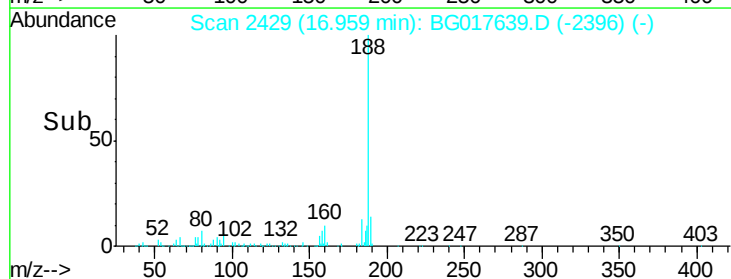
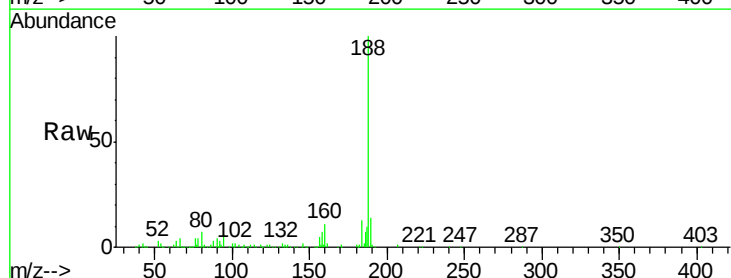
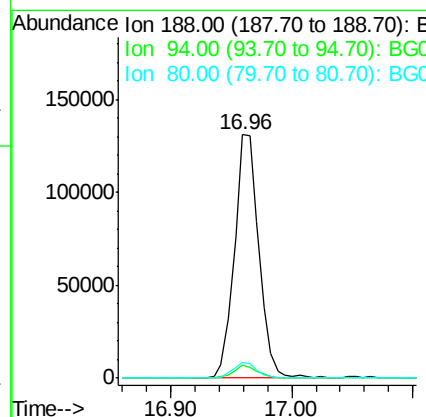
RT: 16.96 min Scan# 2429

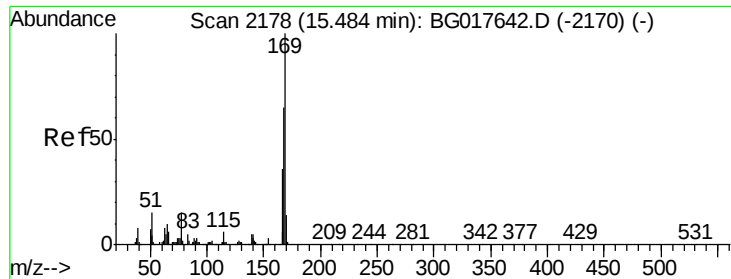
Delta R.T. -0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		185291		
94	5.5	3.9	5.9		
80	6.7	5.0	7.6		





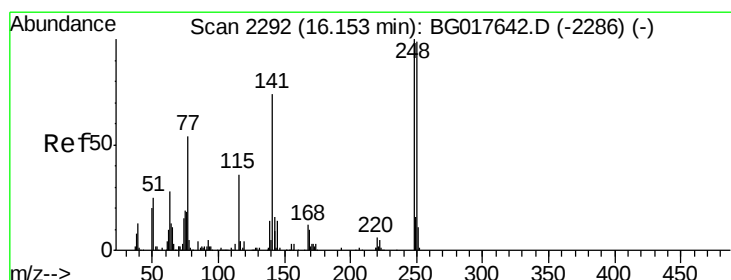
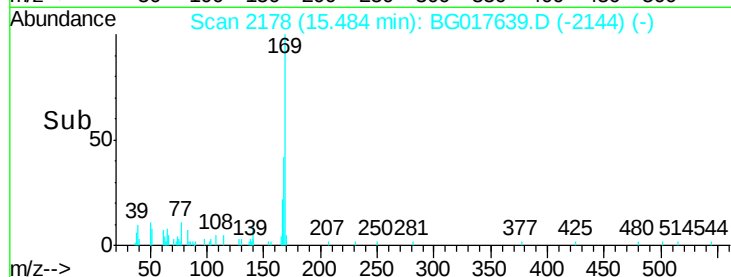
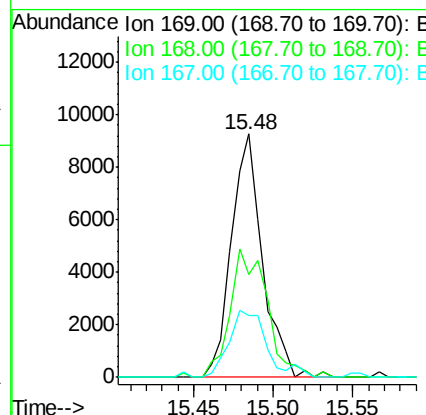
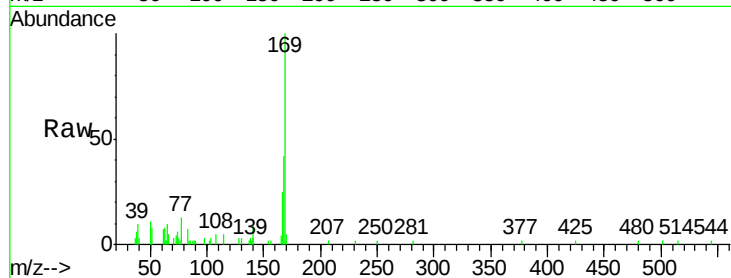
#65
n-Nitrosodiphenylamine
Concen: 2.29 ng
RT: 15.48 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	12588		
168	42.5	52.3	78.5#	
167	25.2	28.5	42.7#	

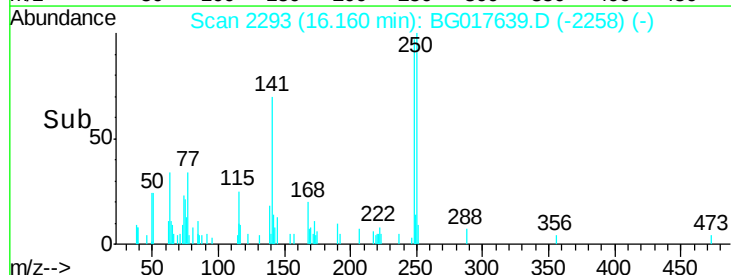
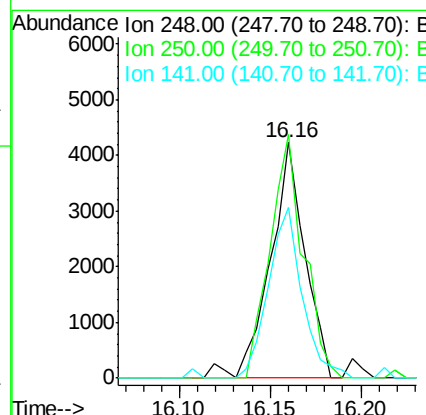
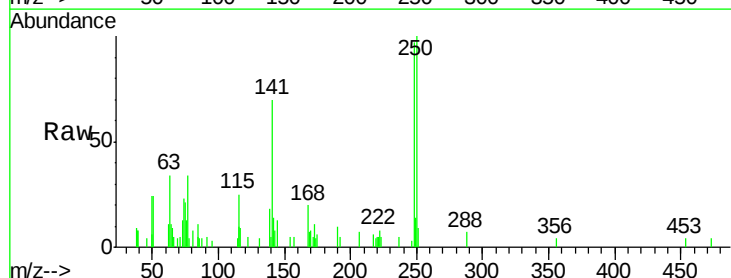
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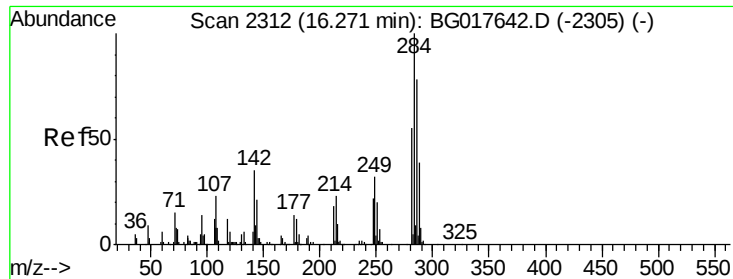
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#66
4-Bromophenyl-phenylether
Concen: 2.65 ng
RT: 16.16 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	5625		
250	90.0	79.0	118.6	
141	62.9	59.0	88.6	





#67

Hexachlorobenzene

Concen: 2.70 ng

RT: 16.27 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

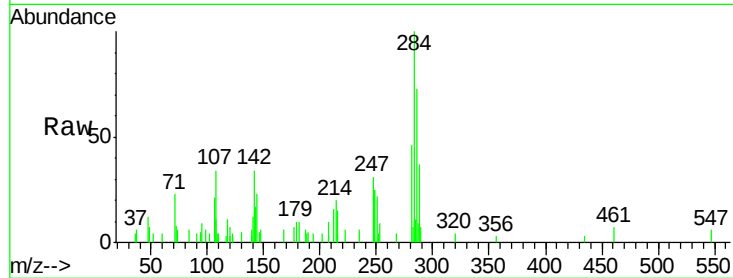
ClientSampleId :

SSTDICC2.5

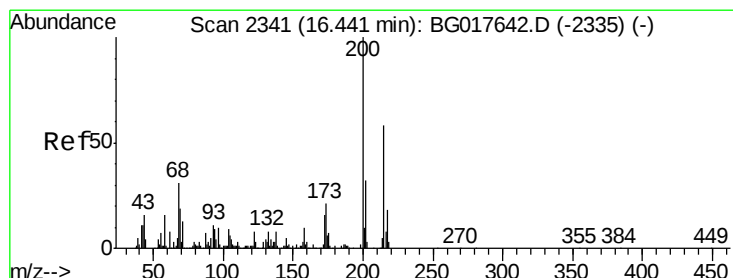
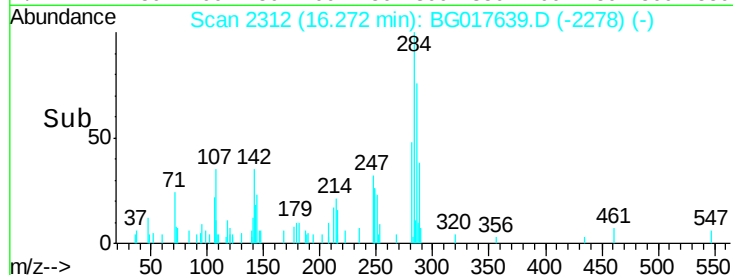
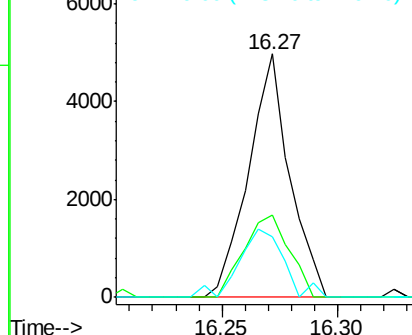
Tgt Ion:	284	Resp:	6179
Ion Ratio	Lower	Upper	
284	100		
142	34.1	27.8	41.6
249	24.9	25.7	38.5#

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



#68

Atrazine

Concen: 2.65 ng

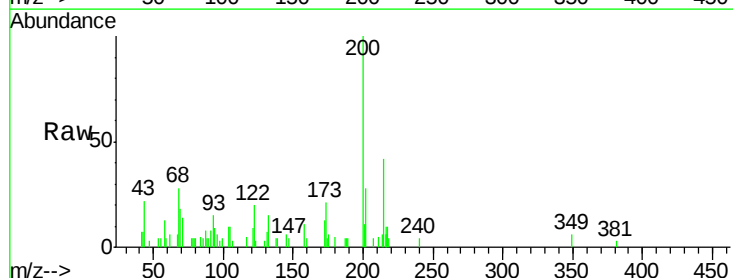
RT: 16.44 min Scan# 2341

Delta R.T. 0.00 min

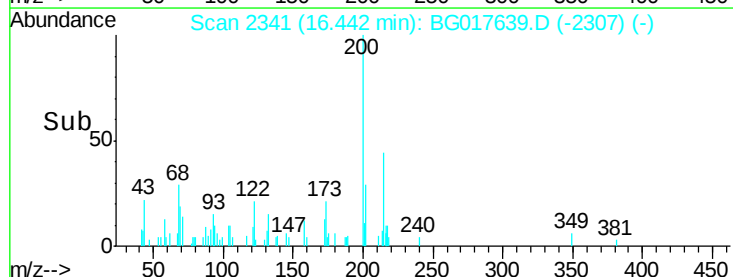
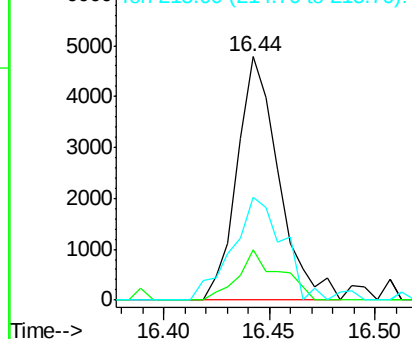
Lab File: BG017639.D

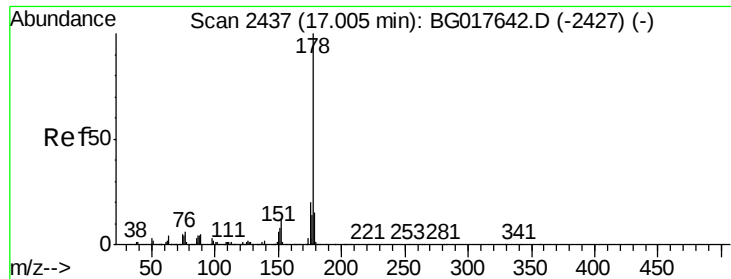
Acq: 12 Jun 2015 16:36

Tgt Ion:	200	Resp:	6526
Ion Ratio	Lower	Upper	
200	100		
173	20.7	0.8	40.8
215	42.2	38.4	78.4



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





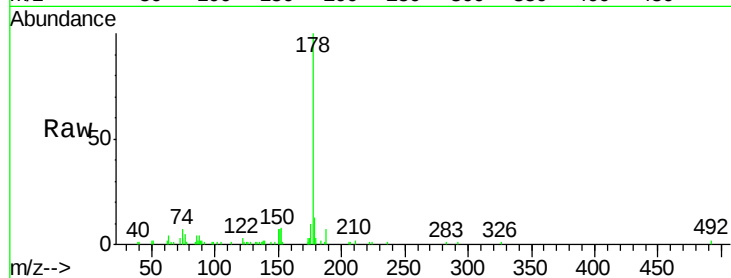
#70
Phenanthrene
Concen: 2.53 ng m
RT: 17.00 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

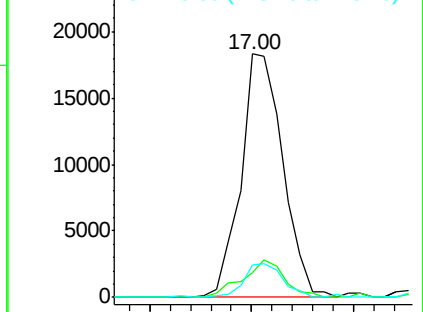
Tgt Ion	Ratio	Lower	Upper
178	100		
176	10.4	16.2	24.4#
179	13.1	12.3	18.5

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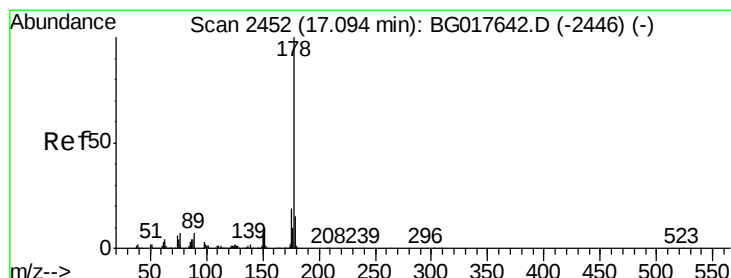
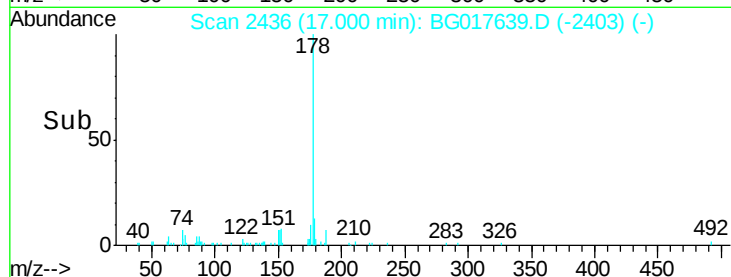
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



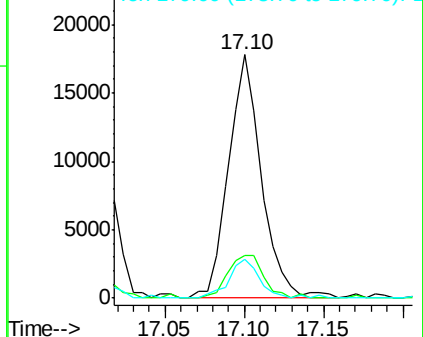
Time-->



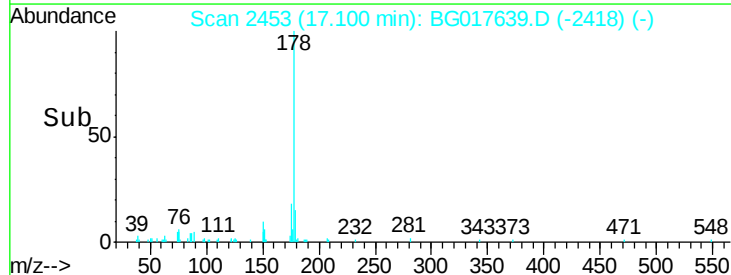
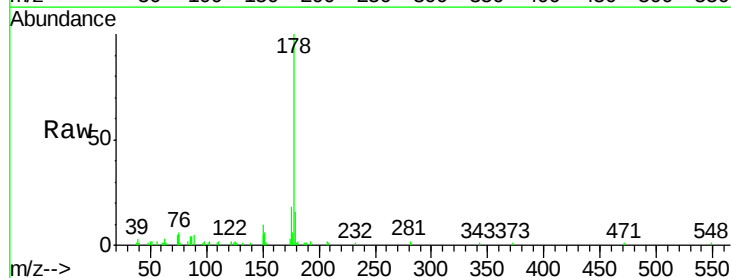
#71
Anthracene
Concen: 2.47 ng
RT: 17.10 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

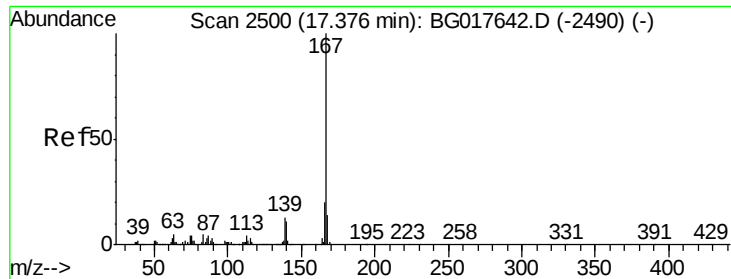
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.8	22.2
179	16.1	11.9	17.9

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#72

Carbazole

Concen: 2.09 ng

RT: 17.38 min Scan# 2501

Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

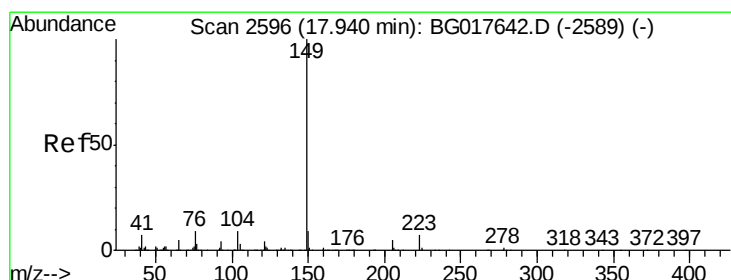
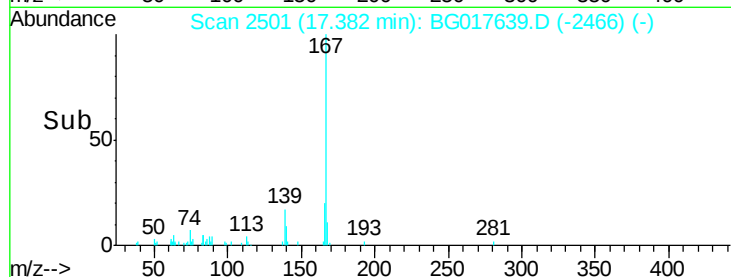
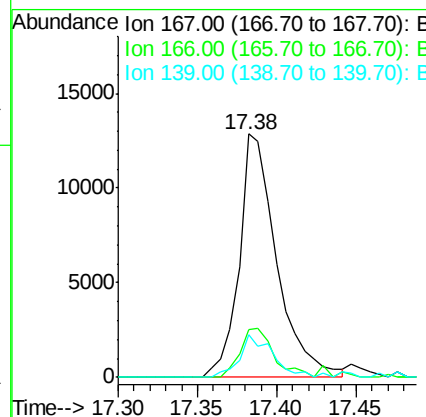
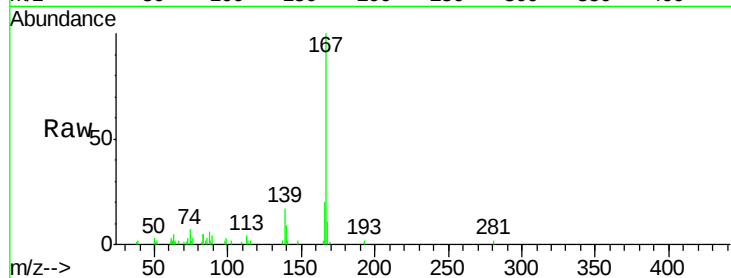
ClientSampleId :

SSTDICC2.5

Tgt Ion:	167	Resp:	21152
Ion Ratio		Lower	Upper
167	100		
166	19.5	16.3	24.5
139	17.3	10.6	15.8#

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#73

Di-n-butylphthalate

Concen: 2.02 ng

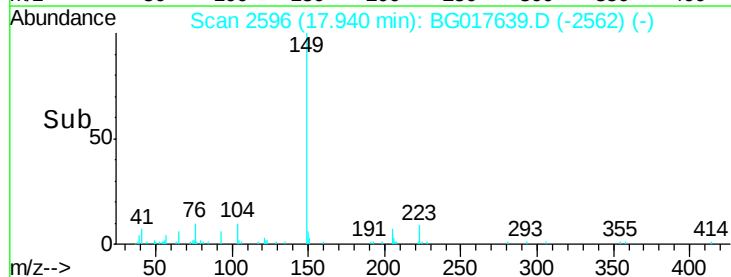
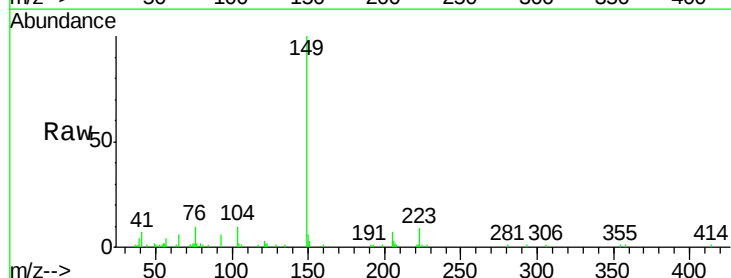
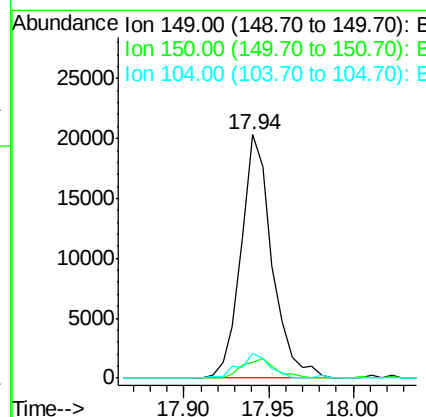
RT: 17.94 min Scan# 2596

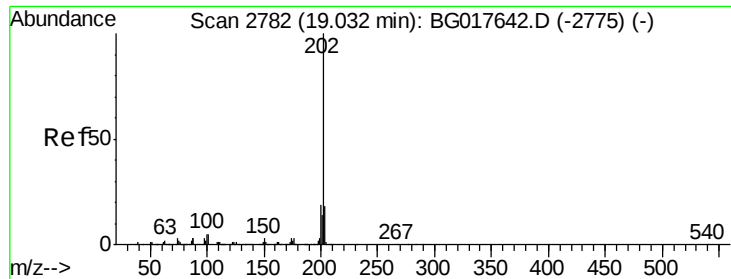
Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	149	Resp:	25947
Ion Ratio		Lower	Upper
149	100		
150	6.3	7.2	10.8#
104	10.2	7.4	11.0





#74

Fluoranthene

Concen: 2.51 ng

RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

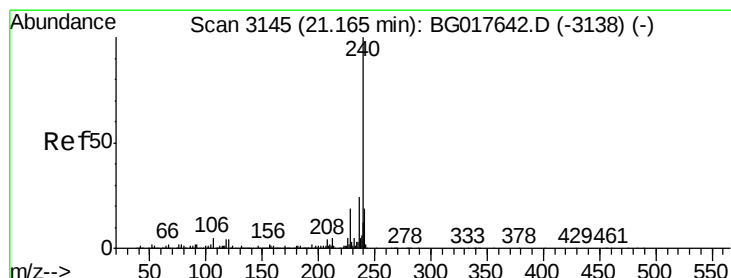
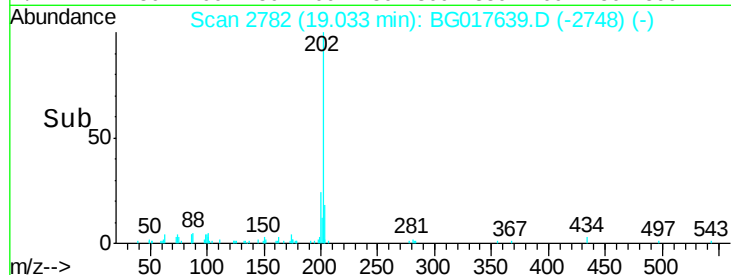
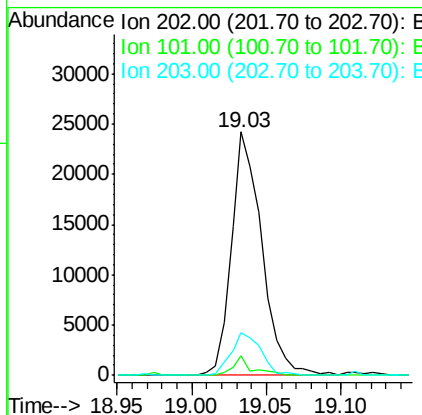
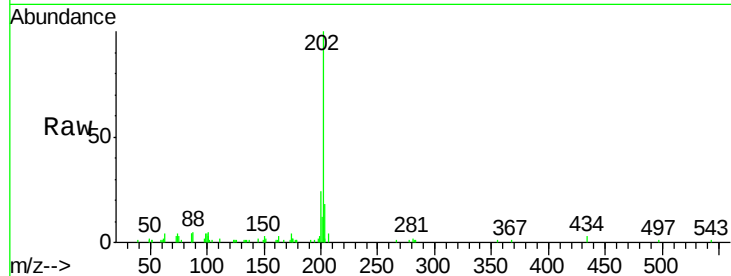
ClientSampleId :

SSTDICC2.5

Tgt	Ion	202	Resp:	34436
Ion	Ratio	Lower	Upper	
202	100			
101	8.2	0.0	25.1	
203	17.6	0.0	38.2	

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#75

Chrysene-d12

Concen: 20.00 ng

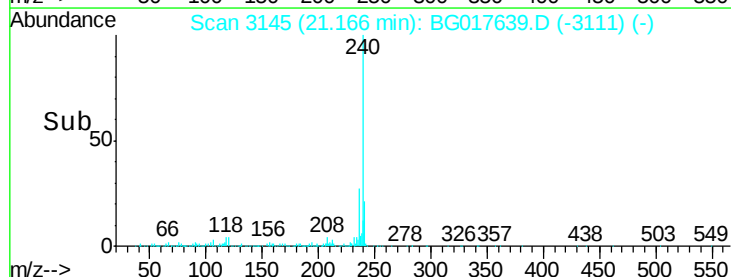
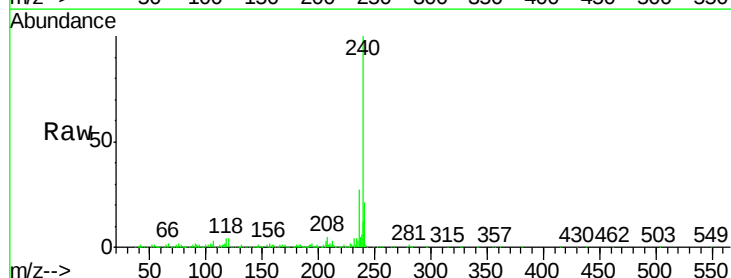
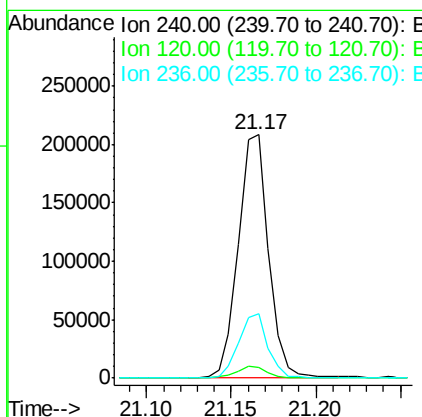
RT: 21.17 min Scan# 3145

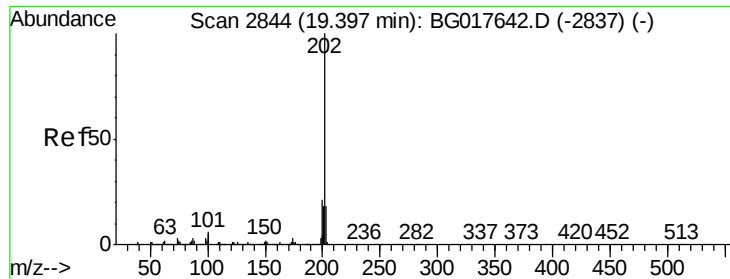
Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt	Ion	240	Resp:	260733
Ion	Ratio	Lower	Upper	
240	100			
120	4.2	3.5	5.3	
236	26.6	19.5	29.3	





#77

Pyrene

Concen: 2.29 ng

RT: 19.40 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

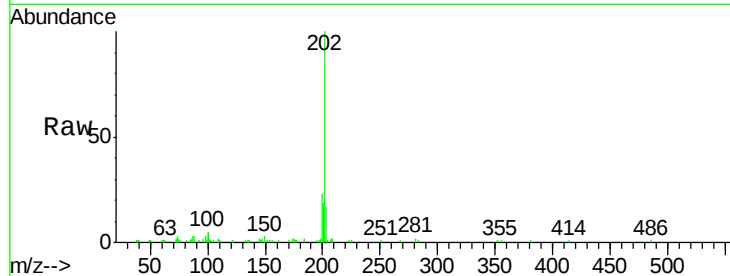
ClientSampleId :

SSTDICC2.5

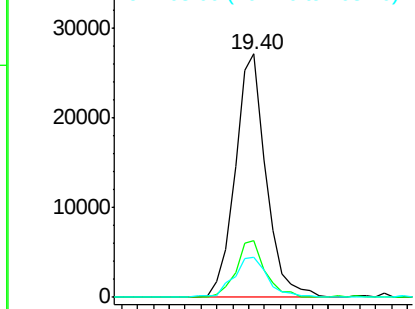
Tgt Ion:	202	Resp:	36372
Ion Ratio	Lower	Upper	
202	100		
200	23.5	16.8	25.2
203	16.7	14.4	21.6

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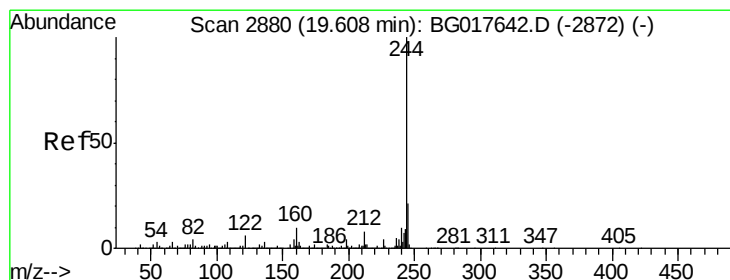
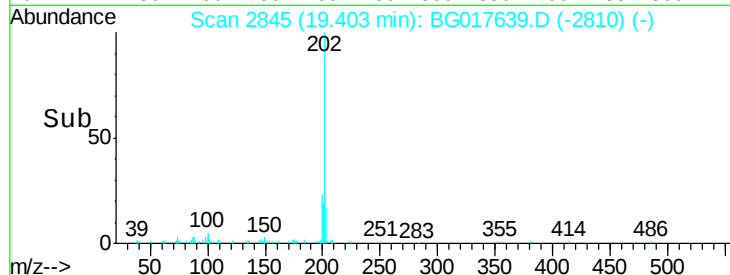
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 5.06 ng

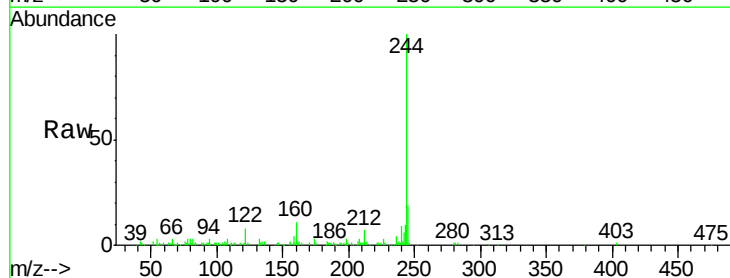
RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

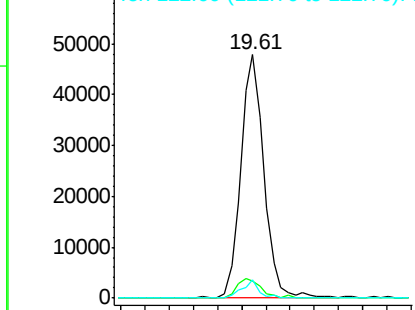
Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

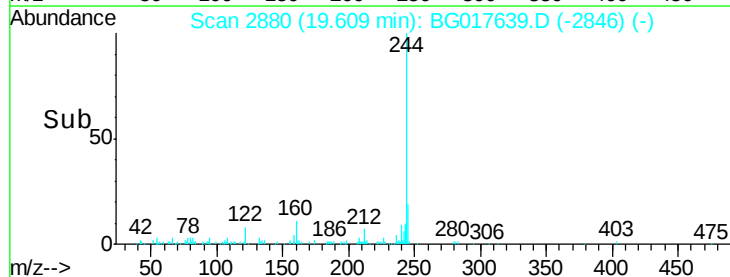
Tgt Ion:	244	Resp:	63931
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.3	9.5
122	7.7	4.6	6.8#

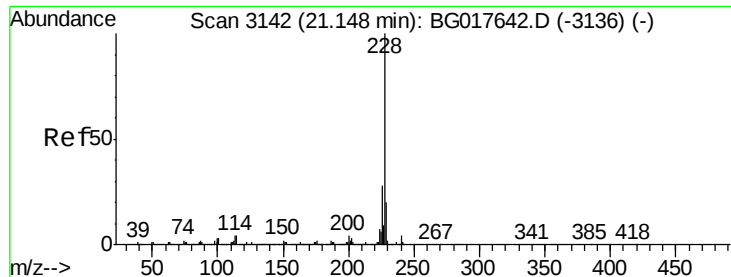


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 2.64 ng

RT: 21.15 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

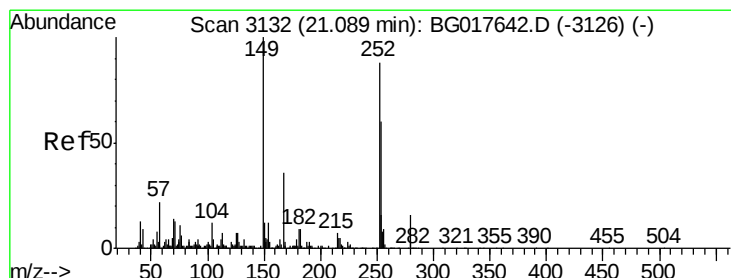
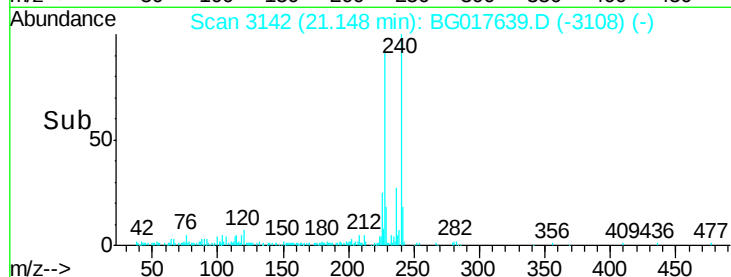
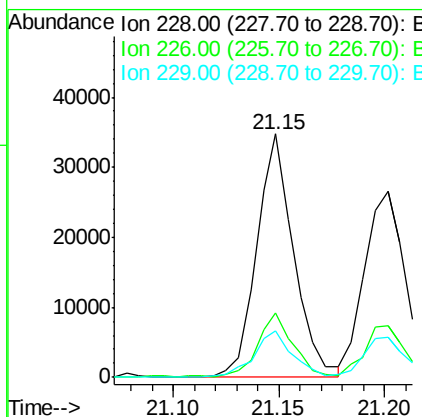
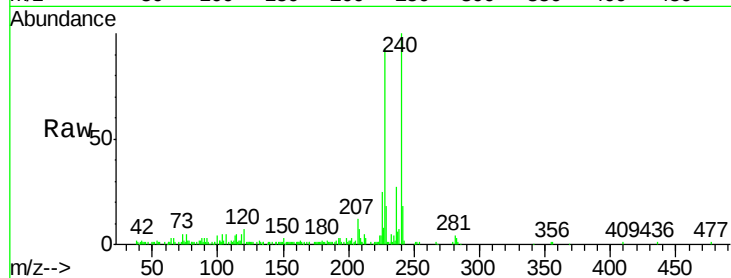
ClientSampleId :

SSTDICC2.5

Tgt Ion:	228	Resp:	42295
Ion Ratio	Lower	Upper	
228	100		
226	26.4	22.1	33.1
229	19.3	16.2	24.4

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#81

3,3'-Dichlorobenzidine

Concen: 2.16 ng

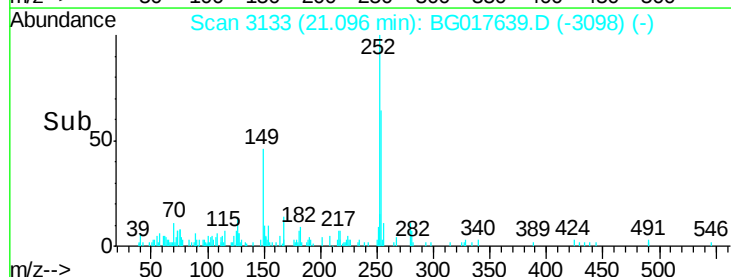
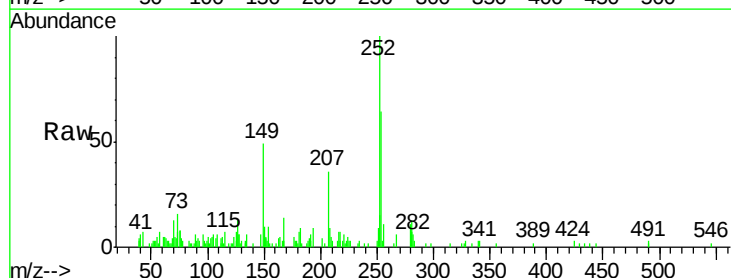
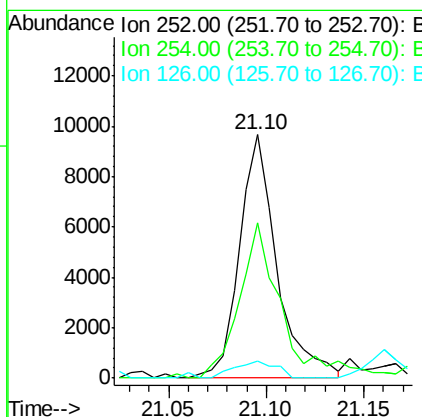
RT: 21.10 min Scan# 3133

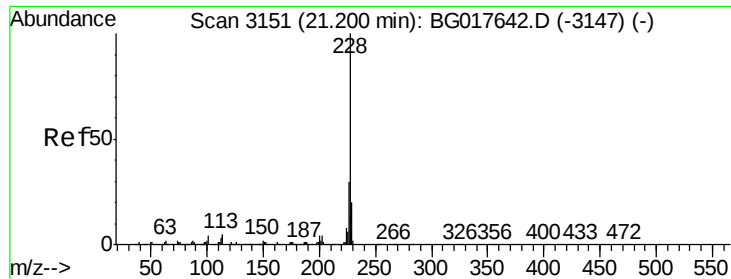
Delta R.T. 0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	252	Resp:	12835
Ion Ratio	Lower	Upper	
252	100		
254	63.7	54.3	81.5
126	7.1	6.4	9.6





#82

Chrysene

Concen: 2.52 ng

RT: 21.20 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG017639.D

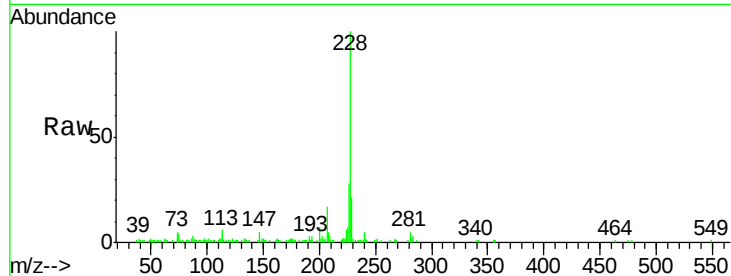
Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

ClientSampleId :

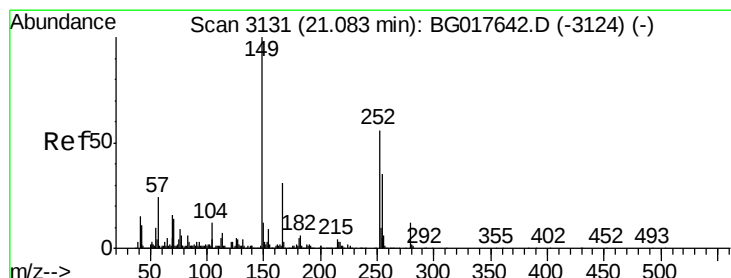
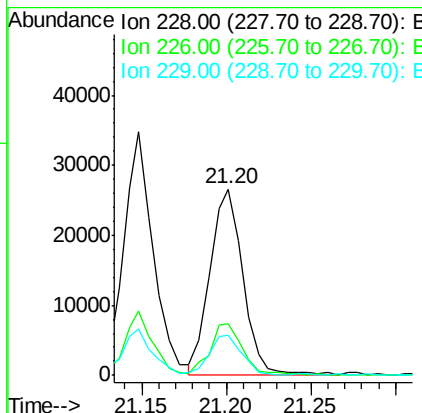
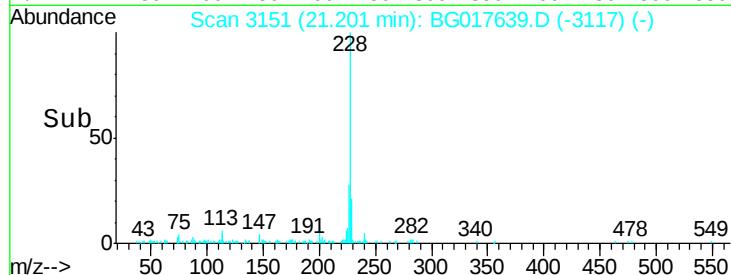
SSTDICC2.5



Tgt Ion:	228	Resp:	36515
Ion Ratio	Lower	Upper	
228	100		
226	27.8	24.1	36.1
229	21.4	16.1	24.1

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6/15/2015 4:39:52 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.05 ng

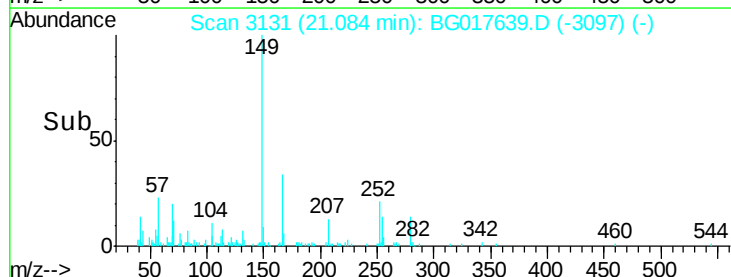
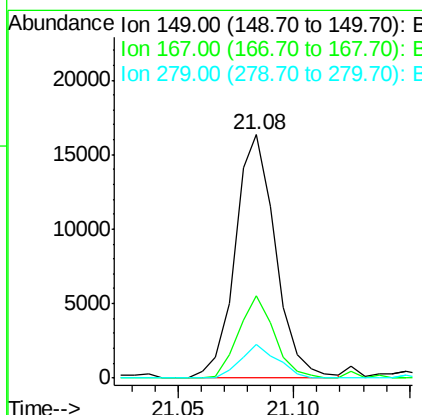
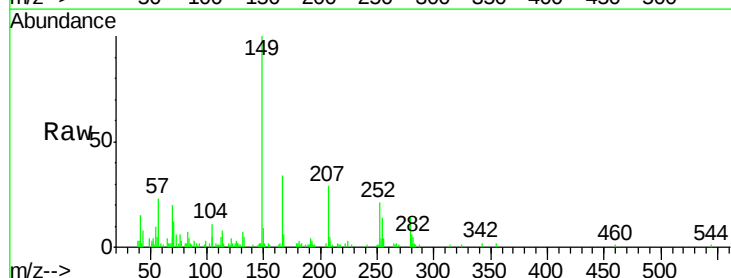
RT: 21.08 min Scan# 3131

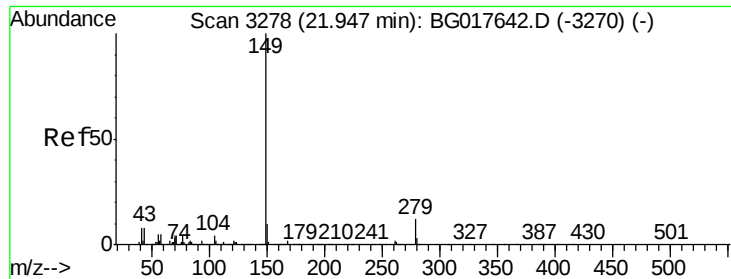
Delta R.T. 0.00 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	149	Resp:	19850
Ion Ratio	Lower	Upper	
149	100		
167	33.8	24.6	37.0
279	13.8	10.0	15.0





#84

Di-n-octyl phthalate

Concen: 2.10 ng

RT: 21.94 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG017639.D

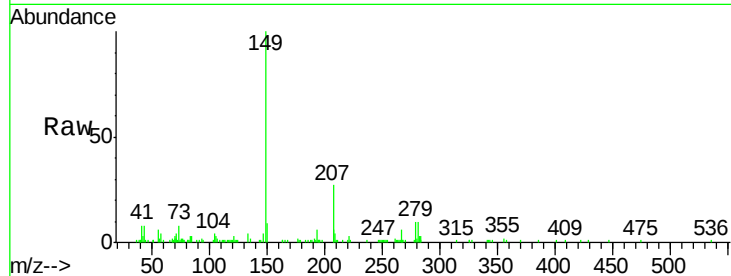
Acq: 12 Jun 2015 16:36

Instrument :

BNA_G

ClientSampleId :

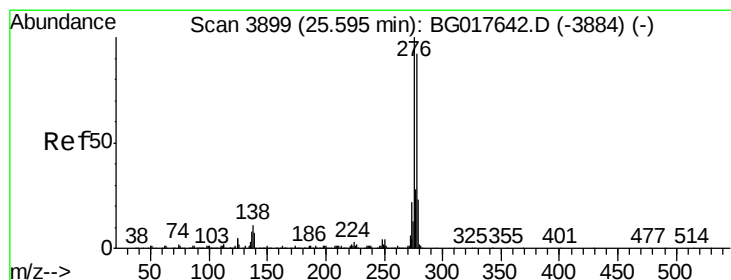
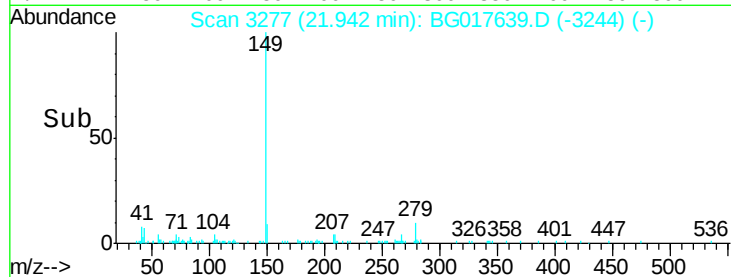
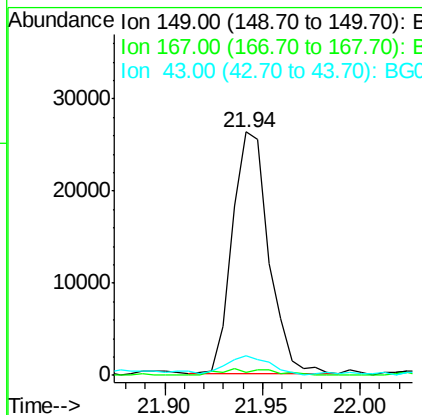
SSTDICC2.5



Tgt Ion:	149	Resp:	33941
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.5	2.3
43	9.6	6.6	10.0

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.75 ng

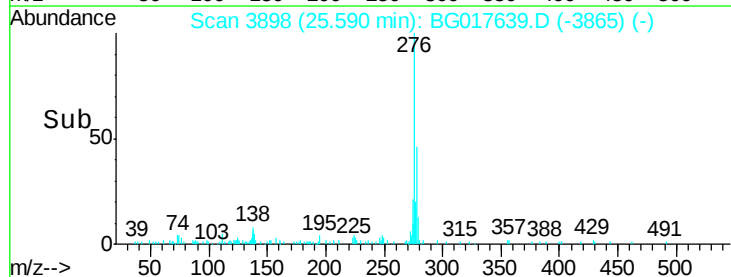
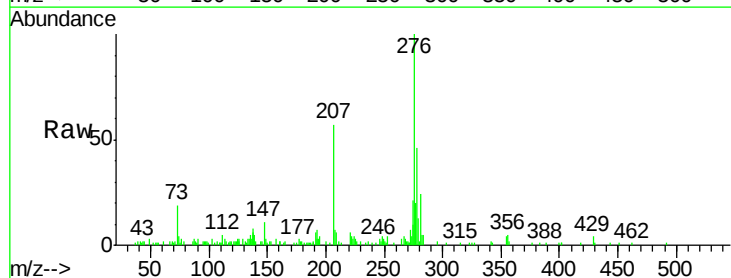
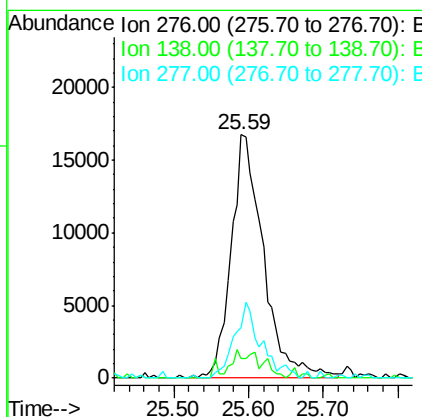
RT: 25.59 min Scan# 3898

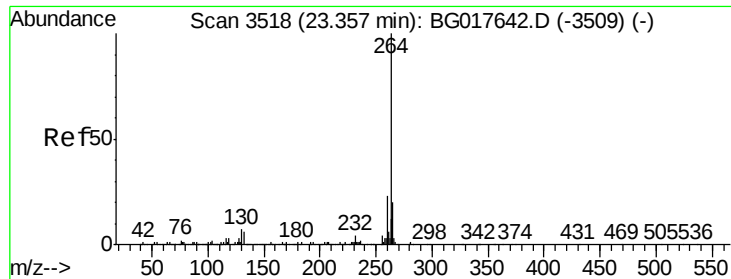
Delta R.T. -0.01 min

Lab File: BG017639.D

Acq: 12 Jun 2015 16:36

Tgt Ion:	276	Resp:	50206
Ion Ratio	Lower	Upper	
276	100		
138	3.5	9.0	13.4#
277	25.5	21.8	32.8





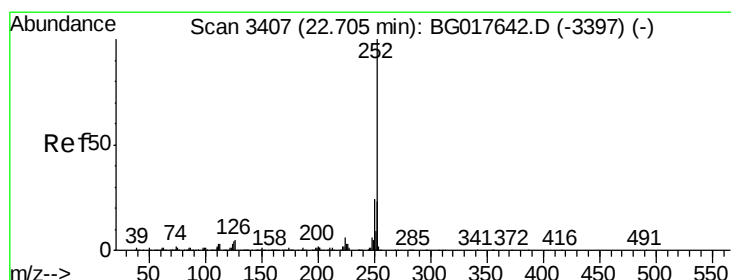
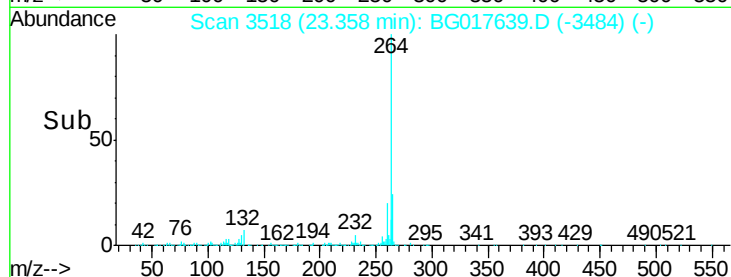
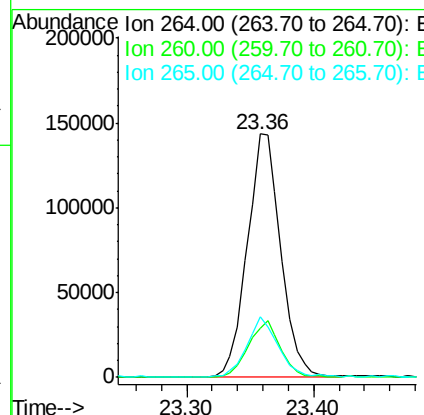
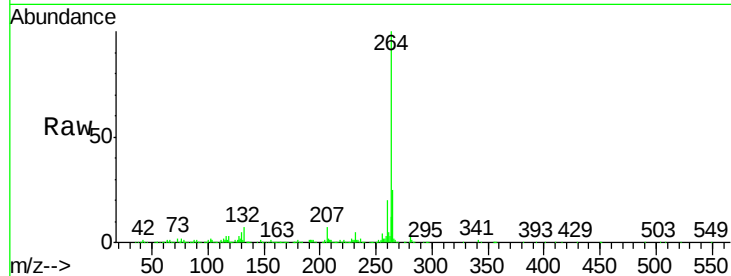
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	20.1	18.3	27.5
265	24.7	16.2	24.2

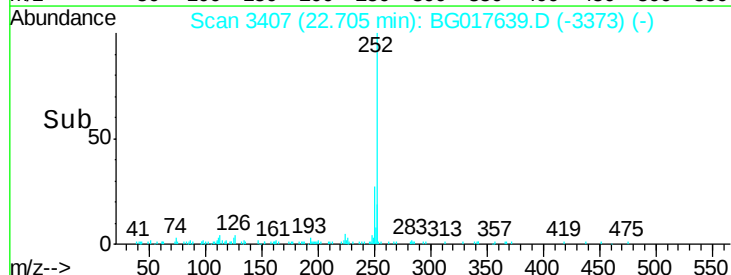
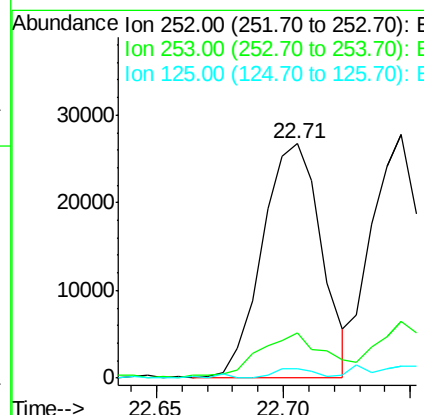
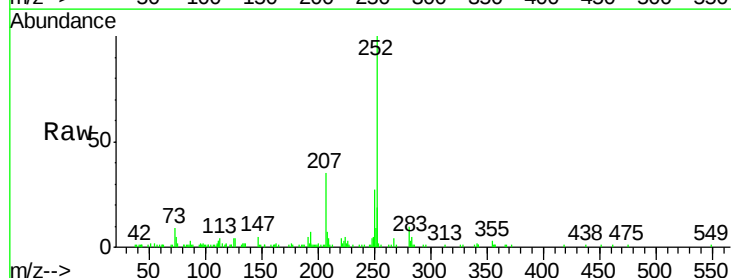
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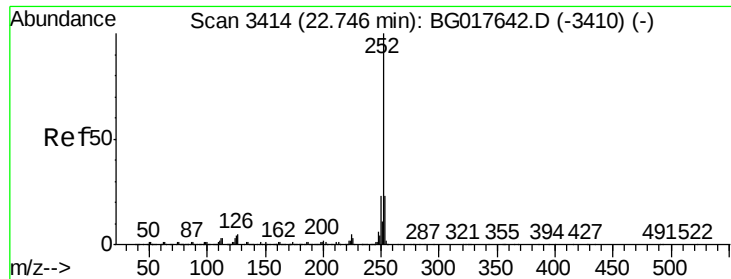
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#87
Benzo(b)fluoranthene
Concen: 2.61 ng
RT: 22.71 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	19.3	18.0	27.0
125	3.9	3.4	5.0





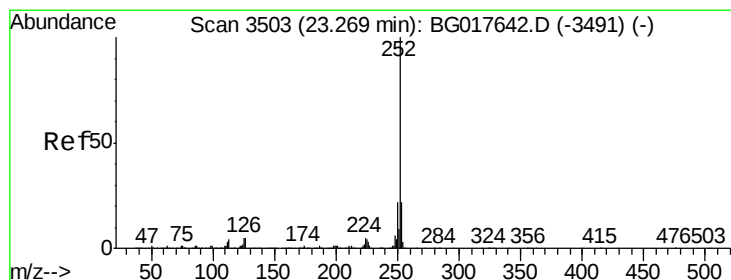
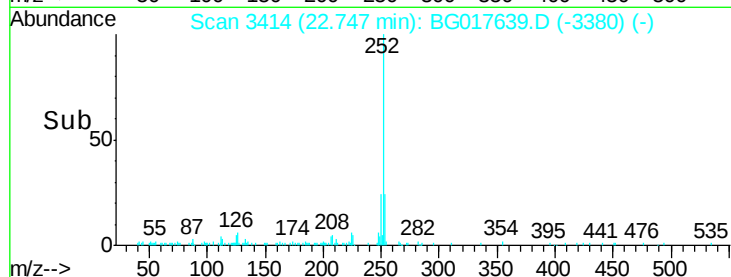
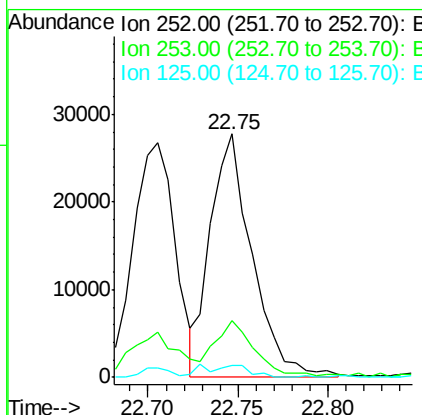
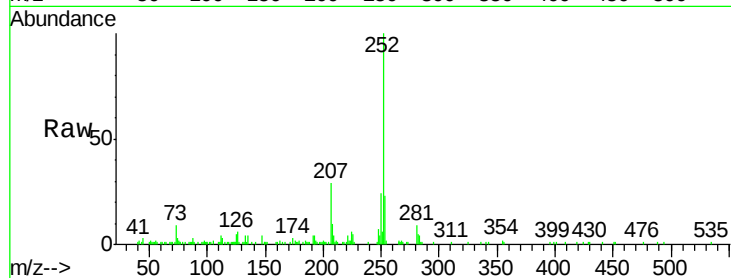
#88
Benzo(k)fluoranthene
Concen: 2.78 ng m
RT: 22.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	4.9	3.2	4.8#

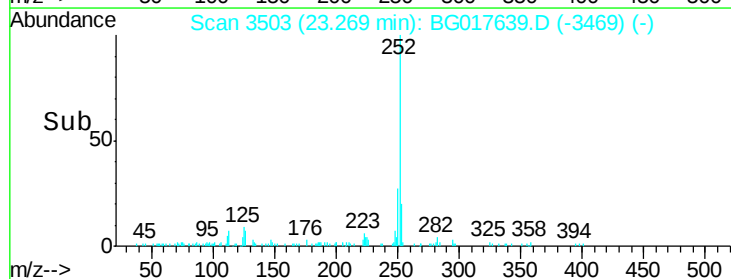
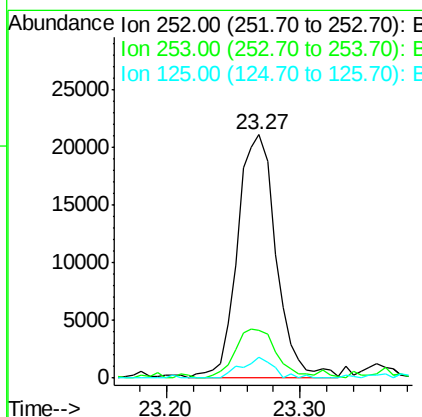
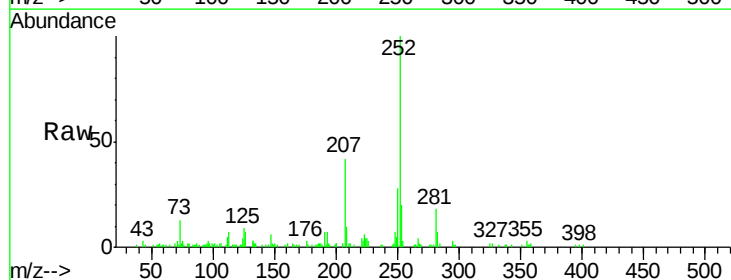
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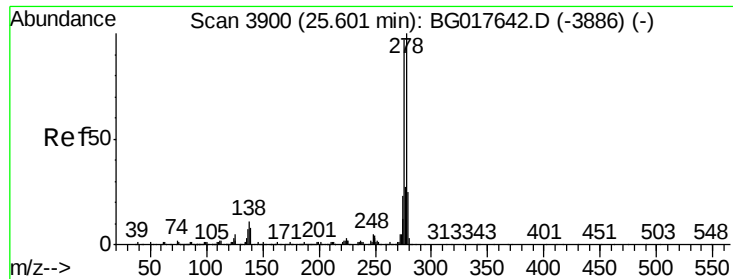
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#89
Benzo(a)pyrene
Concen: 2.74 ng
RT: 23.27 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.7	17.6	26.4
125	8.6	4.2	6.2#





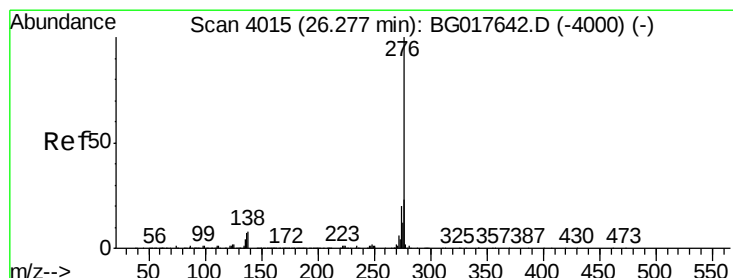
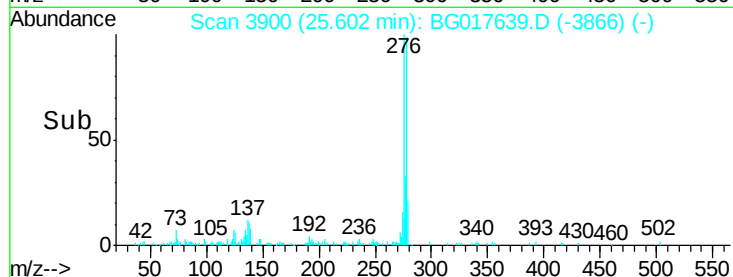
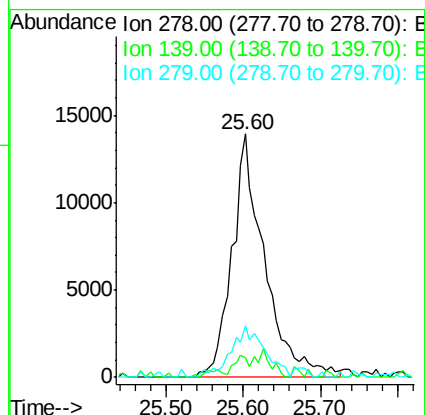
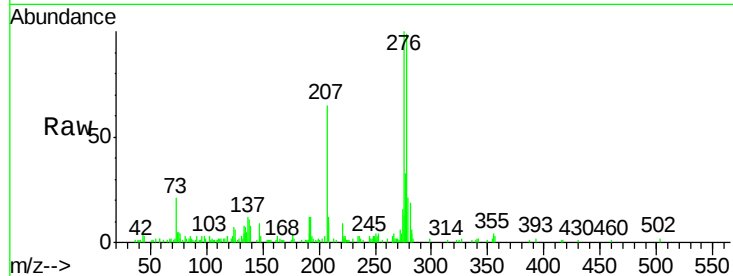
#90
Dibenzo(a,h)anthracene
Concen: 2.56 ng
RT: 25.60 min Scan# 3900
Delta R.T. 0.00 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	8.0	6.2	9.4
279	21.0	19.8	29.6

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#91
Benzo(g,h,i)perylene
Concen: 2.55 ng
RT: 26.28 min Scan# 4016
Delta R.T. 0.01 min
Lab File: BG017639.D
Acq: 12 Jun 2015 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	26.8	18.6	28.0
138	9.0	6.6	9.8

