

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016308.D
 Acq On : 10 Apr 2015 3:12
 Operator : TP/IZ
 Sample : PB82581BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Manual Integrations
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 4/10/2015 5:15:26 PM

Quant Time: Apr 10 04:04:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	69072	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	324146	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	192829	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	402458	20.00	ng	0.00
75) Chrysene-d12	21.26	240	348546	20.00	ng	0.00
86) Perylene-d12	23.50	264	325752	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	621110	141.92	ng	0.01
7) Phenol-d6	6.89	99	909124	138.37	ng	0.02
23) Nitrobenzene-d5	8.86	82	457003	81.67	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	189247	145.12	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	957038	84.50	ng	0.00
78) Terphenyl-d14	19.71	244	1190234	79.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	65028	32.68	ng	99
3) Pyridine	3.56	79	195110	32.81	ng	97
4) n-Nitrosodimethylamine	3.49	42	62721	35.48	ng	99
6) Aniline	7.03	93	144273	15.38	ng	96
8) 2-Chlorophenol	7.27	128	240063	45.68	ng	97
9) Benzaldehyde	6.84	77	67893	17.64	ng	99
10) Phenol	6.91	94	321302	45.71	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	214073	38.19	ng	99
12) 1,3-Dichlorobenzene	7.59	146	206531	38.91	ng	97
13) 1,4-Dichlorobenzene	7.74	146	210508	38.23	ng	98
14) 1,2-Dichlorobenzene	8.05	146	204913	38.92	ng	97
15) Benzyl Alcohol	7.94	79	184901	40.37	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	236044	37.39	ng	99
17) 2-Methylphenol	8.15	107	210388	44.63	ng	97
18) Hexachloroethane	8.77	117	77339	36.72	ng	99
19) n-Nitroso-di-n-propylamine	8.51	70	162688	34.56	ng	99
20) 3+4-Methylphenols	8.48	107	285224	43.68	ng	96
22) Acetophenone	8.52	105	303932	40.44	ng	# 99
24) Nitrobenzene	8.90	77	231498	38.69	ng	96
25) Isophorone	9.42	82	445782	35.87	ng	98
26) 2-Nitrophenol	9.60	139	128284	45.98	ng	99
27) 2,4-Dimethylphenol	9.67	122	245686	47.27	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	283645	39.99	ng	100
29) 2,4-Dichlorophenol	10.14	162	209325	50.90	ng	97
30) 1,2,4-Trichlorobenzene	10.35	180	179459	41.80	ng	99
31) Naphthalene	10.54	128	676395	40.04	ng	100
32) Benzoic acid	9.82	122	146823	44.16	ng	98
33) 4-Chloroaniline	10.65	127	81033	10.22	ng	97
34) Hexachlorobutadiene	10.82	225	77301	40.99	ng	98
35) Caprolactam	11.42	113	116163m	44.87	ng	
36) 4-Chloro-3-methylphenol	11.79	107	257978	47.49	ng	99
37) 2-Methylnaphthalene	12.15	142	501374	41.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	170890	40.25	ng	99
40) Hexachlorocyclopentadiene	12.50	237	168722	86.82	ng	98

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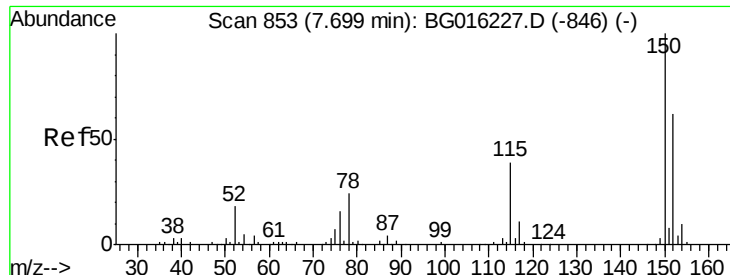
Manual Integrations
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 4/10/2015 5:15:26 PM

Quant Time: Apr 10 04:04:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	143216	45.40	nq	100
43) 2,4,5-Trichlorophenol	12.85	196	164328	48.75	nq	98
45) 1,1'-Biphenyl	13.17	154	611274	41.32	nq	99
46) 2-Chloronaphthalene	13.21	162	457714	40.62	nq	100
47) 2-Nitroaniline	13.42	65	159190	43.83	nq	97
48) Acenaphthylene	14.06	152	808524	40.35	nq	99
49) Dimethylphthalate	13.80	163	569063	40.27	nq	100
50) 2,6-Dinitrotoluene	13.92	165	149116	43.63	nq	95
51) Acenaphthene	14.40	154	488413	40.79	nq	99
52) 3-Nitroaniline	14.25	138	100214	22.96	nq	96
53) 2,4-Dinitrophenol	14.46	184	140414	71.92	nq	98
54) Dibenzofuran	14.74	168	710386	42.75	nq	99
55) 4-Nitrophenol	14.58	139	326992	90.65	nq	99
56) 2,4-Dinitrotoluene	14.71	165	207643	44.60	nq	96
57) Fluorene	15.39	166	614199	41.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	128364	49.35	nq	95
59) Diethylphthalate	15.17	149	611028	40.62	nq	99
60) 4-Chlorophenyl-phenylether	15.38	204	254575	42.46	nq	99
61) 4-Nitroaniline	15.41	138	205358	41.45	nq	98
62) Azobenzene	15.67	77	663522	41.44	nq	100
64) 4,6-Dinitro-2-methylphenol	15.47	198	103926	37.60	nq	93
65) n-Nitrosodiphenylamine	15.60	169	559782	41.14	nq	99
66) 4-Bromophenyl-phenylether	16.27	248	136448	42.46	nq	95
67) Hexachlorobenzene	16.39	284	138839	41.57	nq	97
68) Atrazine	16.55	200	175231	46.21	nq	99
69) Pentachlorophenol	16.74	266	180674	88.59	nq	98
70) Phenanthrene	17.12	178	945730	41.78	nq	99
71) Anthracene	17.21	178	963978	42.97	nq	100
72) Carbazole	17.49	167	989951	43.97	nq	100
73) Di-n-butylphthalate	18.05	149	1163168	42.22	nq	100
74) Fluoranthene	19.14	202	988177	42.35	nq	98
76) Benzidine	19.33	184	325987	22.05	nq	99
77) Pyrene	19.50	202	1018089	41.95	nq	99
79) Butylbenzylphthalate	20.40	149	531101	44.54	nq	98
80) Benzo(a)anthracene	21.24	228	867763	42.13	nq	99
81) 3,3'-Dichlorobenzidine	21.18	252	167250	24.69	nq	98
82) Chrysene	21.30	228	831655	41.82	nq	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	711678	44.09	nq	97
84) Di-n-octyl phthalate	22.05	149	1203369	45.76	nq	99
85) Indeno(1,2,3-cd)pyrene	25.80	276	905344	43.82	nq	100
87) Benzo(b)fluoranthene	22.83	252	807841	42.34	nq	99
88) Benzo(k)fluoranthene	22.87	252	818378	43.83	nq	98
89) Benzo(a)pyrene	23.41	252	797040	44.57	nq	98
90) Dibenzo(a,h)anthracene	25.81	278	753599	43.31	nq	99
91) Benzo(g,h,i)perylene	26.50	276	760771	43.77	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

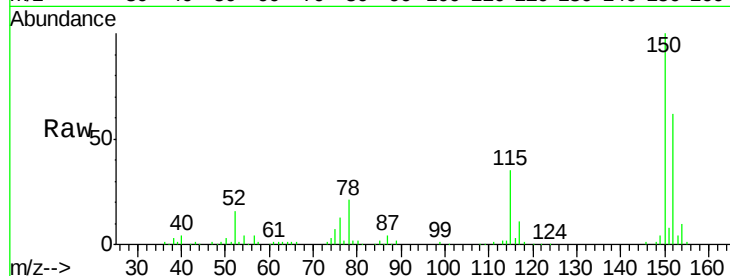
ClientSampleId :

PB82581BS

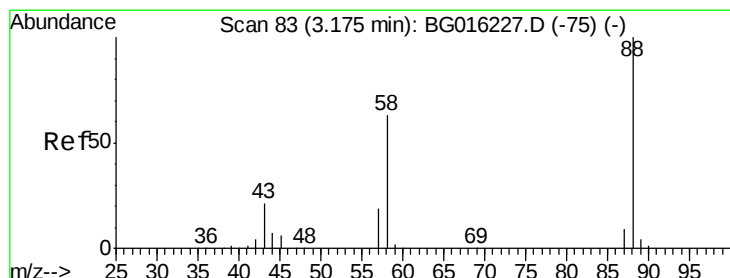
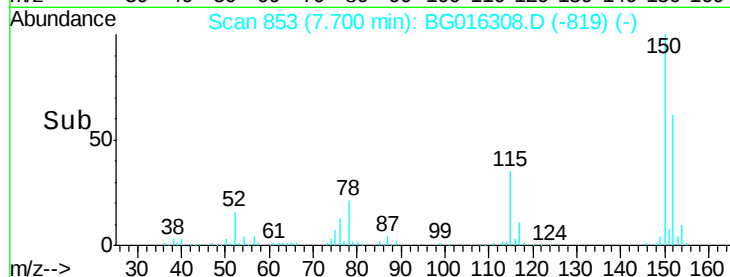
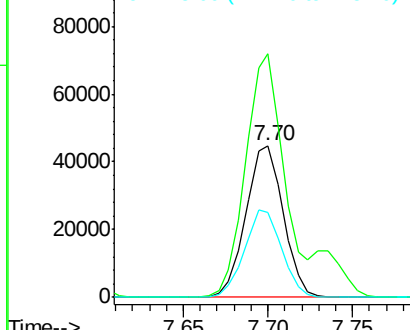
Tot Ion:	152	Resp:	69072
Ion Ratio	Lower	Upper	
152	100		
150	160.6	130.1	195.1
115	56.0	50.5	75.7

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



#2

1,4-Dioxane

Concen: 32.68 ng

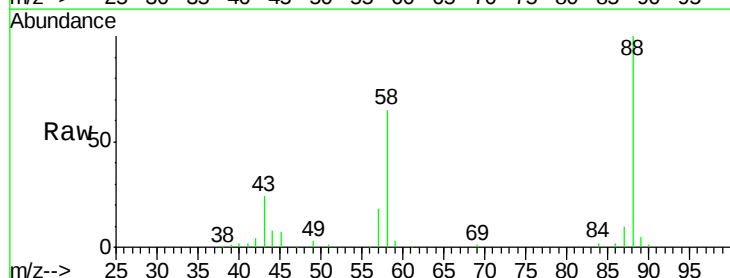
RT: 3.17 min Scan# 82

Delta R.T. -0.00 min

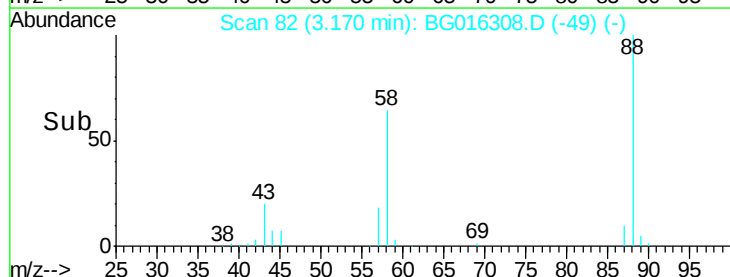
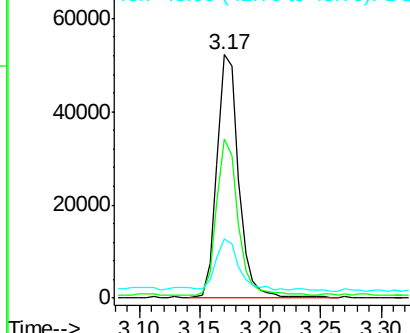
Lab File: BG016308.D

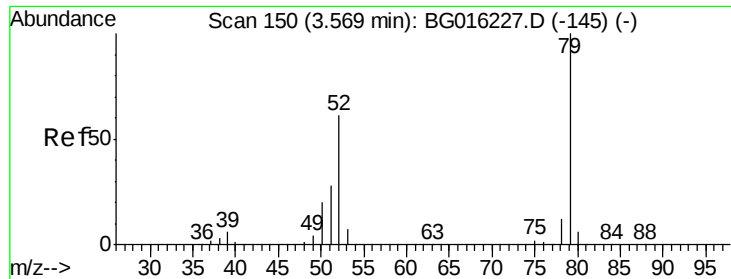
Acq: 10 Apr 2015 3:12

Tgt Ion:	88	Resp:	65028
Ion Ratio	Lower	Upper	
88	100		
58	63.3	50.6	76.0
43	20.3	17.0	25.4



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





#3

Pvridine

Concen: 32.81 ng

RT: 3.56 min Scan# 149

Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

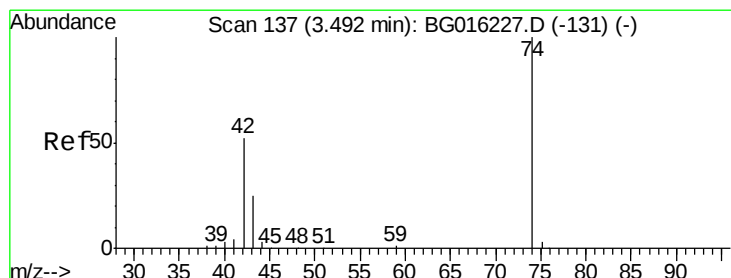
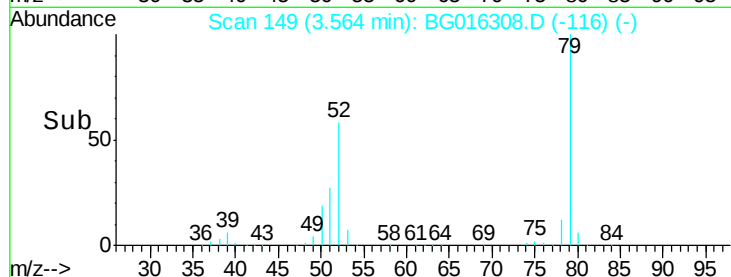
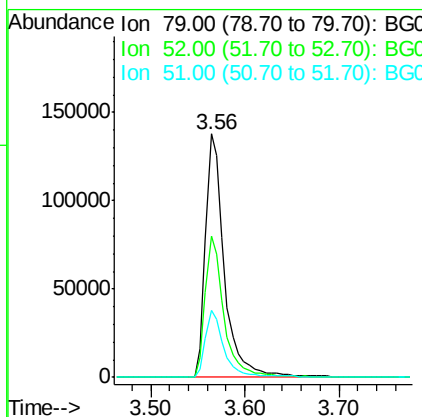
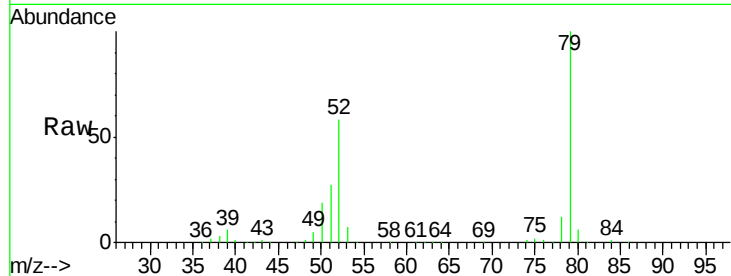
ClientSampleId :

PB82581BS

Tot Ion:	79	Resp:	195110
Ion	Ratio	Lower	Upper
79	100		
52	58.2	49.0	73.4
51	27.3	22.5	33.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.48 ng

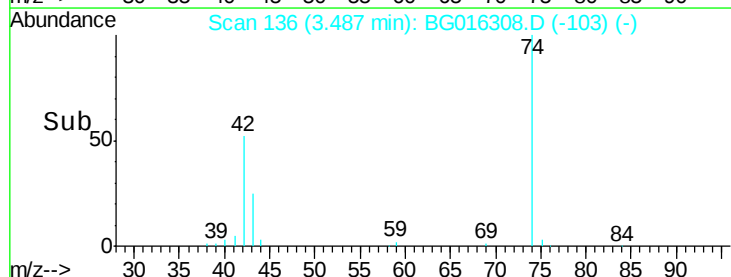
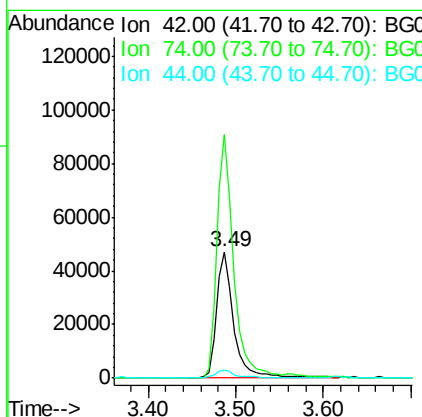
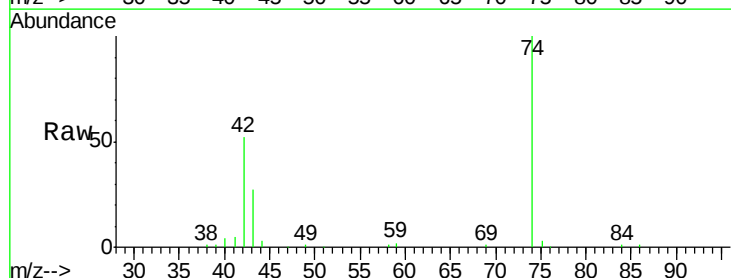
RT: 3.49 min Scan# 136

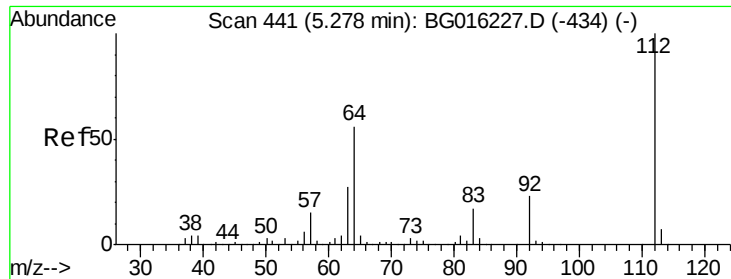
Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Tgt Ion:	42	Resp:	62721
Ion	Ratio	Lower	Upper
42	100		
74	193.1	153.7	230.5
44	6.2	5.3	7.9





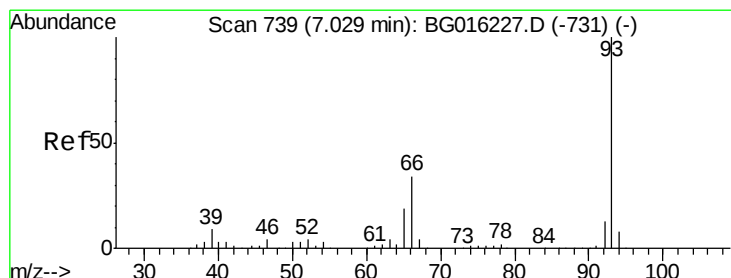
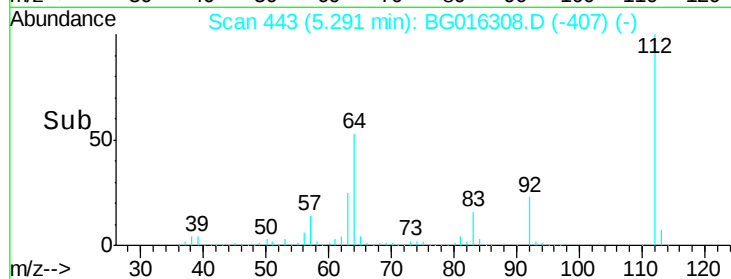
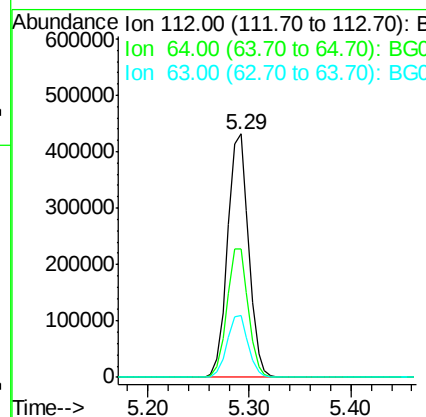
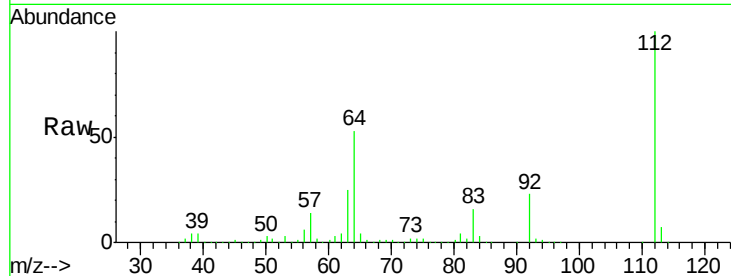
#5
 2-Fluorophenol
 Concen: 141.92 ng
 RT: 5.29 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleID :
 PB82581BS

Tot Ion:	112	Resp:	621110
Ion Ratio	Lower	Upper	
112	100		
64	52.5	44.5	66.7
63	25.4	21.4	32.0

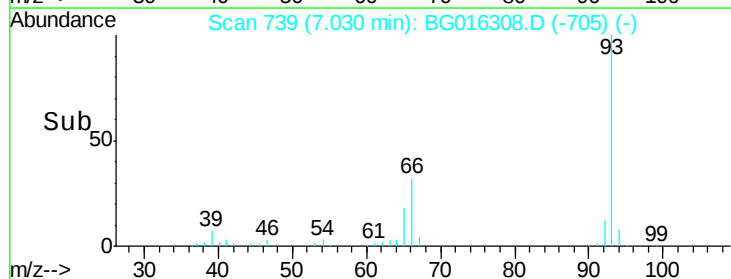
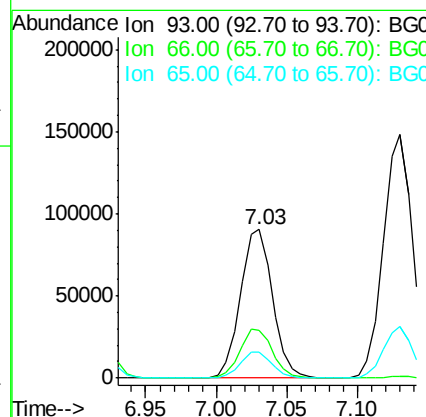
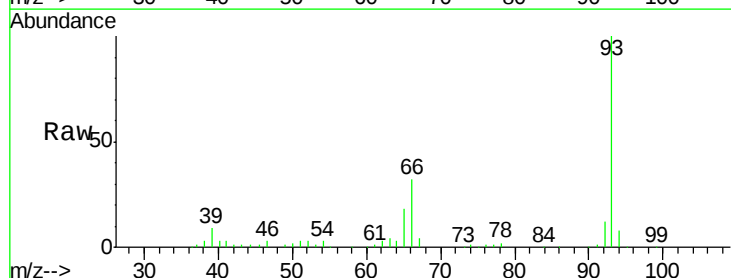
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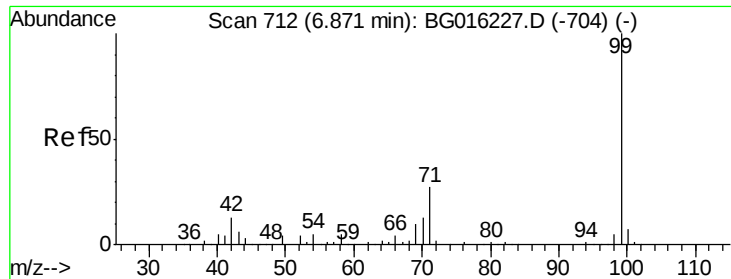
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#6
 Aniline
 Concen: 15.38 ng
 RT: 7.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion:	93	Resp:	144273
Ion Ratio	Lower	Upper	
93	100		
66	31.9	27.5	41.3
65	17.9	15.1	22.7





#7

Phenol-d6

Concen: 138.37 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

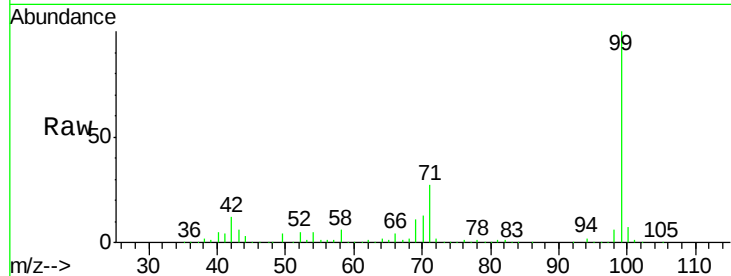
ClientSampleId :

PB82581BS

Tot Ion:	99	Resp:	909124
Ion Ratio	Lower	Upper	
99	100		
42	12.3	10.0	15.0
71	26.8	21.5	32.3

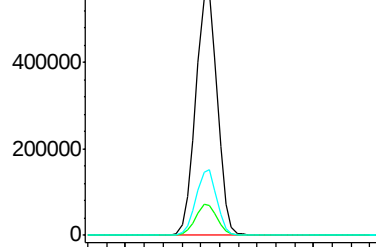
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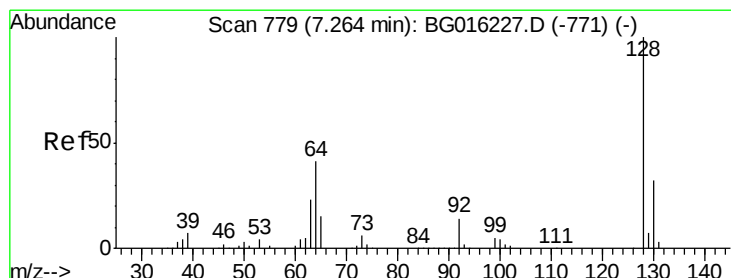
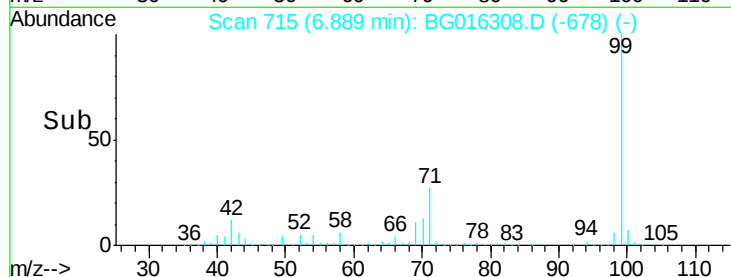


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

6.89



Time-->



#8

2-Chlorophenol

Concen: 45.68 ng

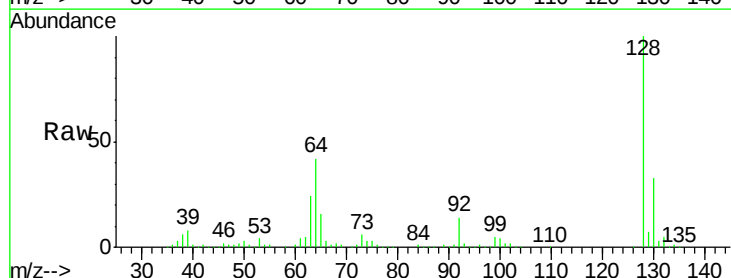
RT: 7.27 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG016308.D

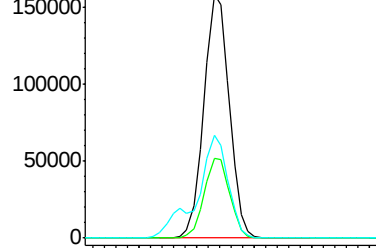
Acq: 10 Apr 2015 3:12

Tgt Ion:	128	Resp:	240063
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.6	51.6
64	42.3	24.2	64.2

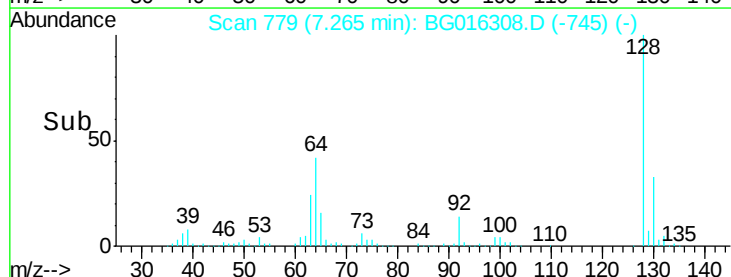


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

7.27



Time-->





#9

Benzaldehyde

Concen: 17.64 ng

RT: 6.84 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

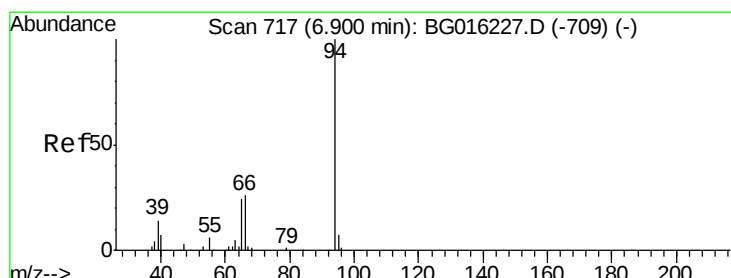
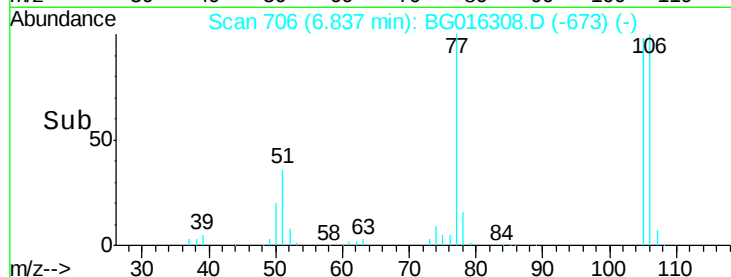
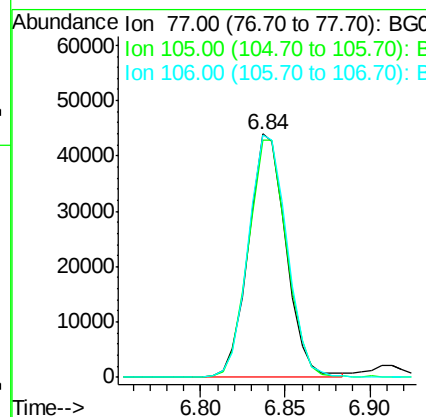
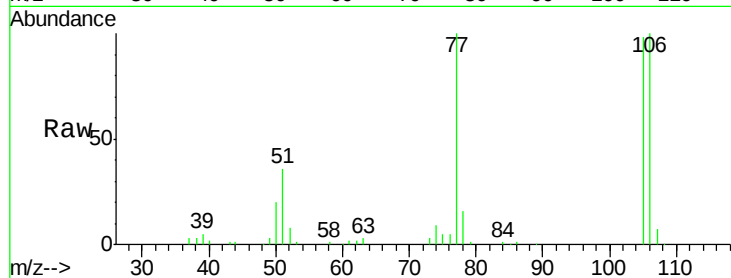
ClientSampleId :

PB82581BS

Tot Ion:	77	Resp:	67893
Ion	Ratio	Lower	Upper
77	100		
105	97.6	76.8	116.8
106	99.7	80.1	120.1

Manual Integrations
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#10

Phenol

Concen: 45.71 ng

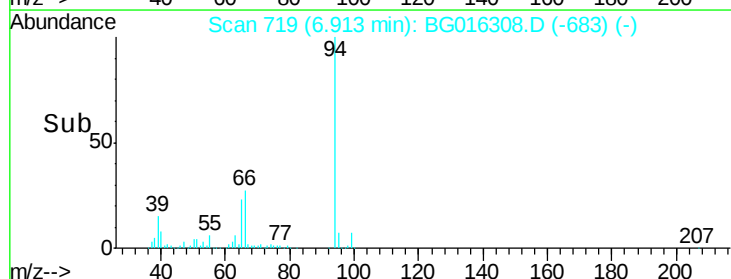
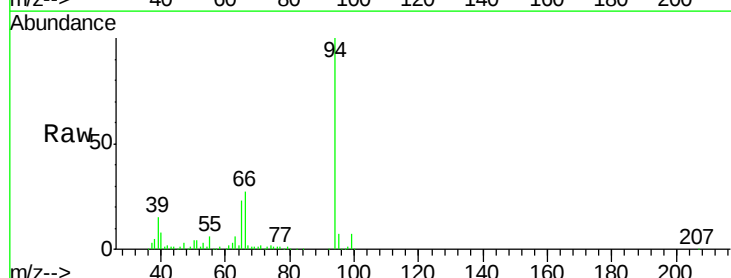
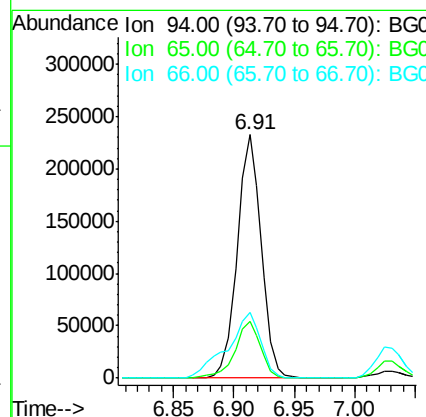
RT: 6.91 min Scan# 719

Delta R.T. 0.01 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Tgt Ion:	94	Resp:	321302
Ion	Ratio	Lower	Upper
94	100		
65	23.1	3.8	43.8
66	27.2	7.4	47.4





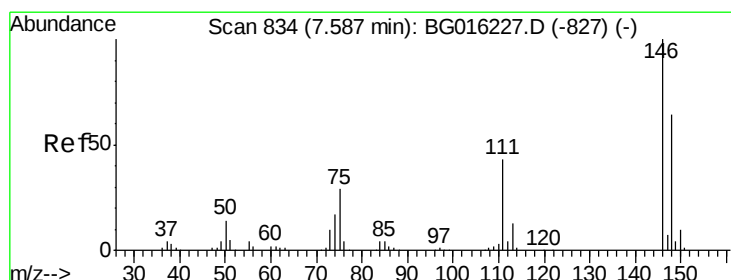
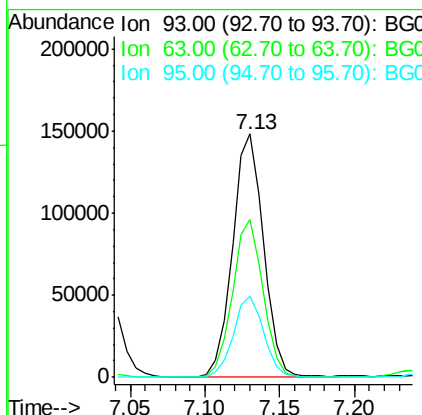
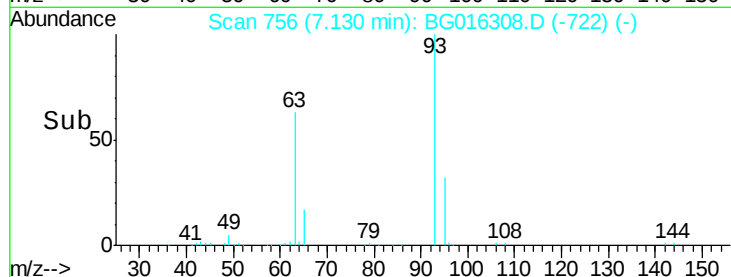
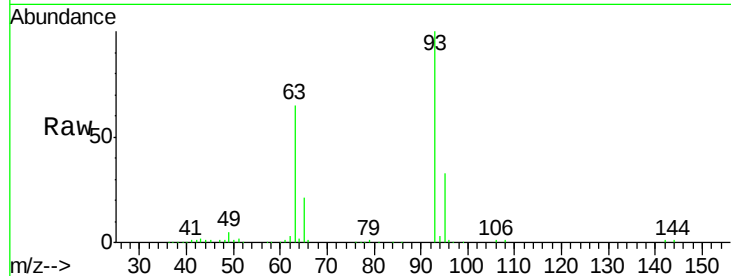
#11
bis(2-Chloroethyl)ether
Concen: 38.19 ng
RT: 7.13 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	64.7	44.1	84.1
95	33.1	12.5	52.5

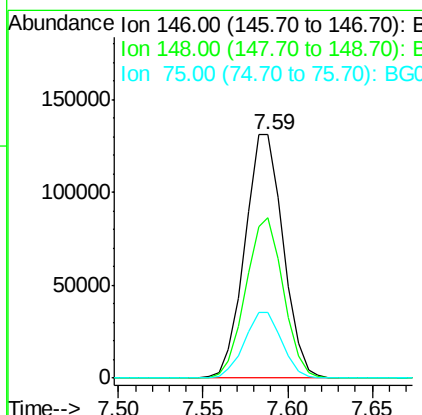
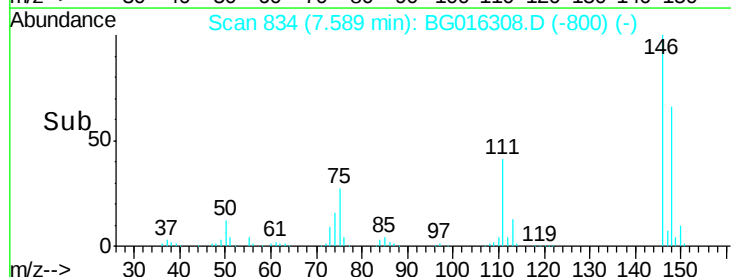
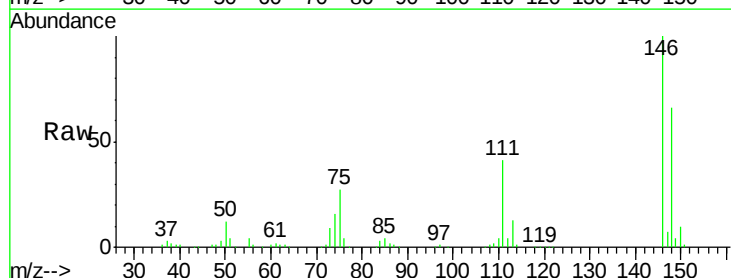
Manual Integrations
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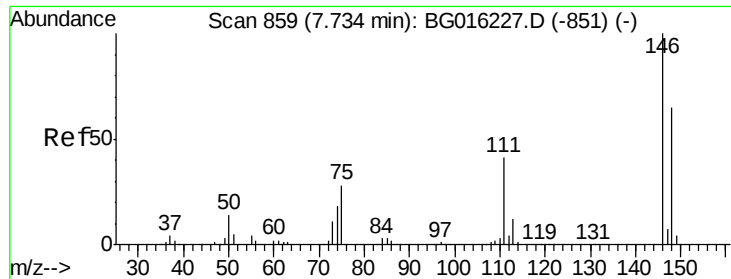
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#12
1,3-Dichlorobenzene
Concen: 38.91 ng
RT: 7.59 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.7	50.9	76.3
75	26.8	23.3	34.9





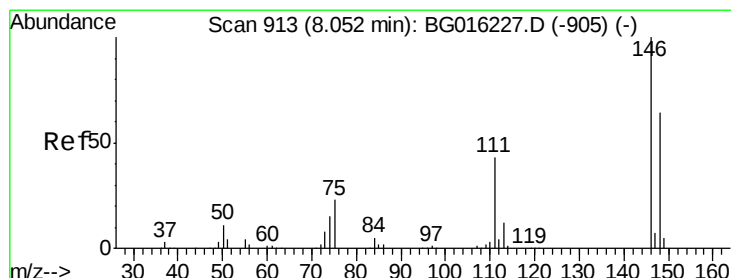
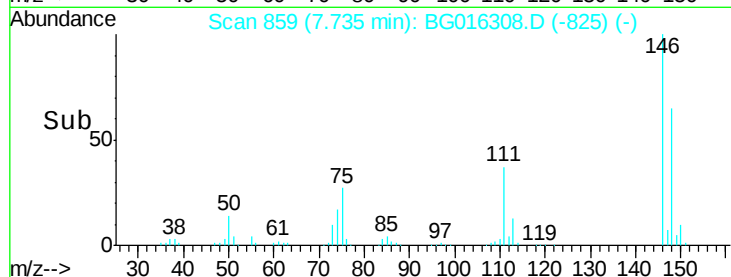
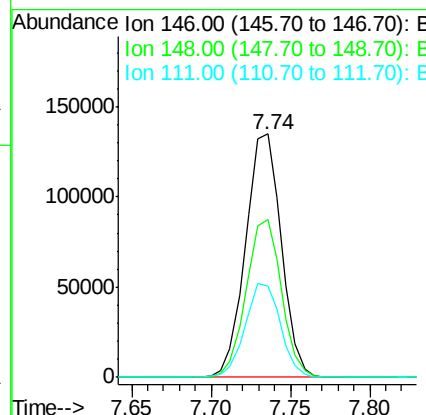
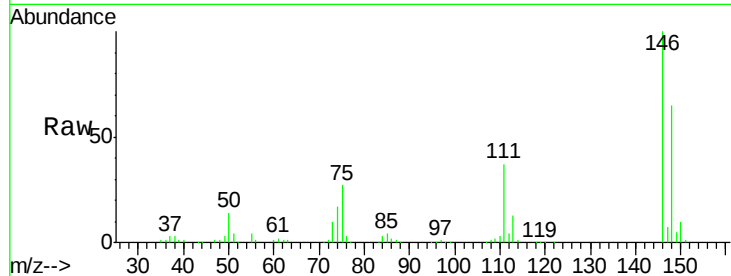
#13
 1,4-Dichlorobenzene
 Concen: 38.23 ng
 RT: 7.74 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		210508		
148	64.8	52.0	78.0		
111	37.3	32.6	49.0		

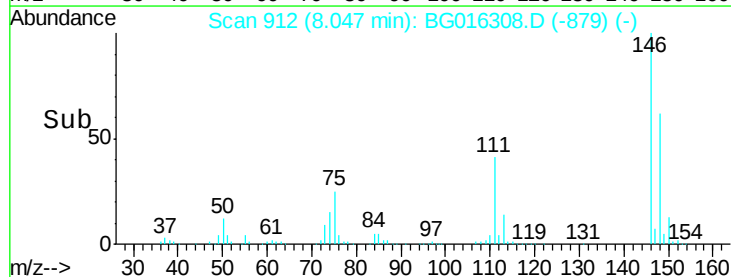
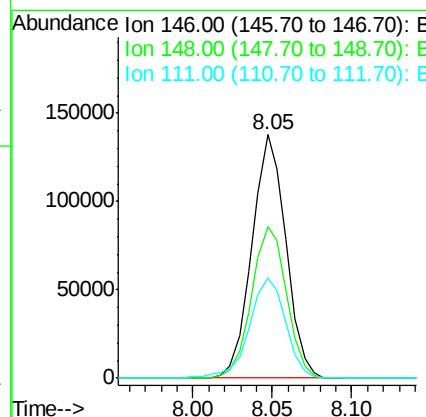
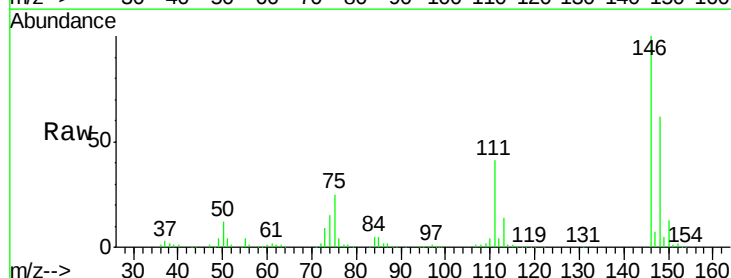
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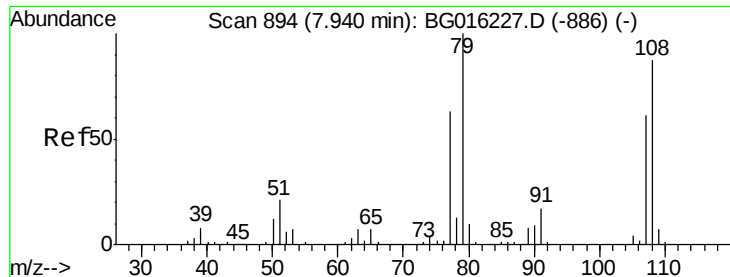
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#14
 1,2-Dichlorobenzene
 Concen: 38.92 ng
 RT: 8.05 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		204913		
148	62.3	50.9	76.3		
111	40.9	34.7	52.1		





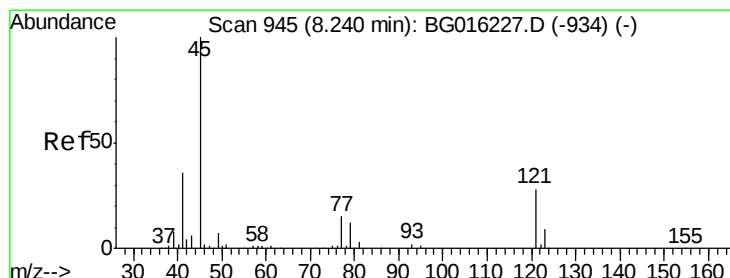
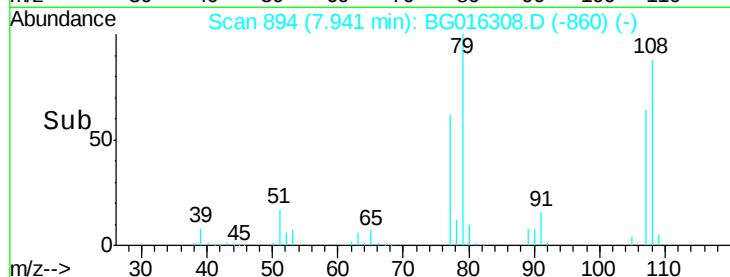
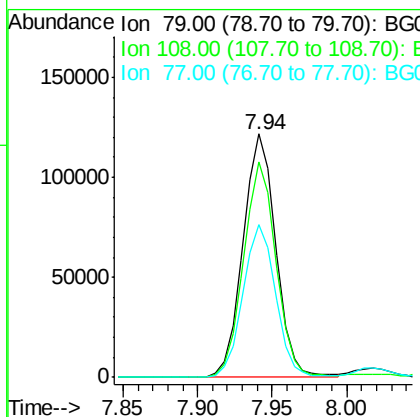
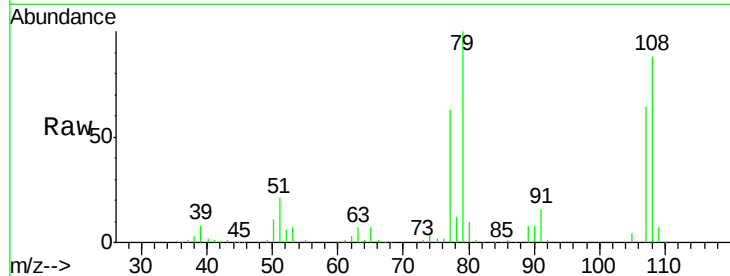
#15
Benzyl Alcohol
Concen: 40.37 ng
RT: 7.94 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	88.5	69.3	103.9
77	62.6	50.3	75.5

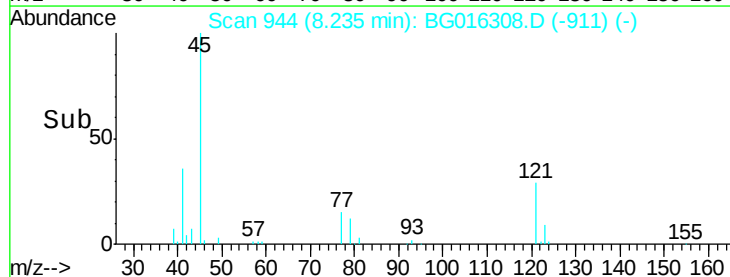
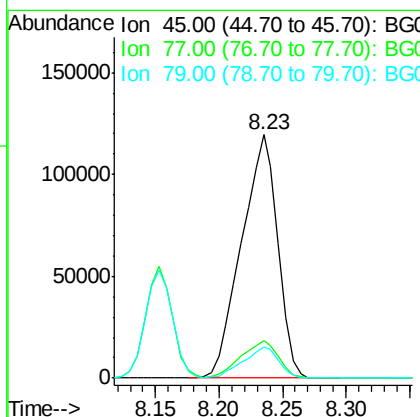
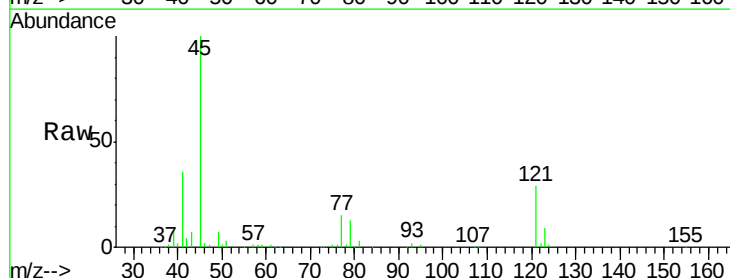
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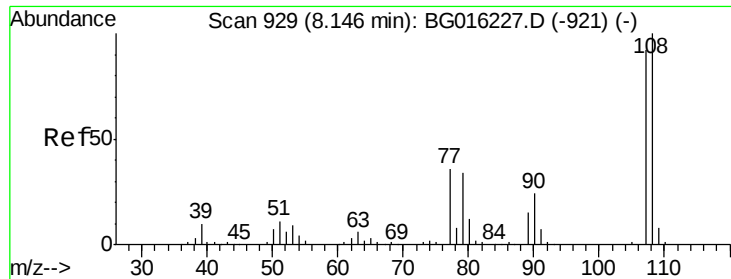
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.39 ng
RT: 8.23 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.3
79	12.9	0.0	32.3





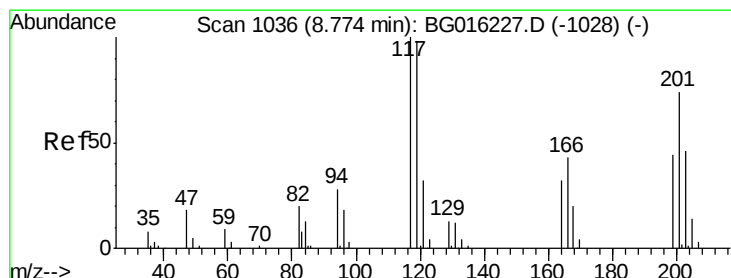
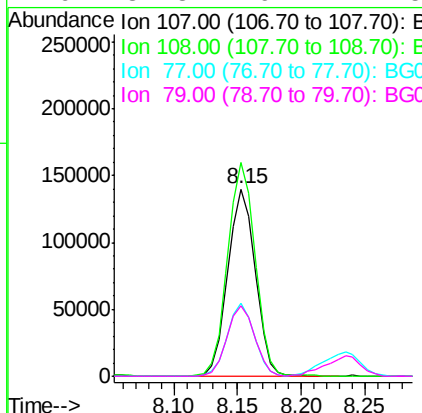
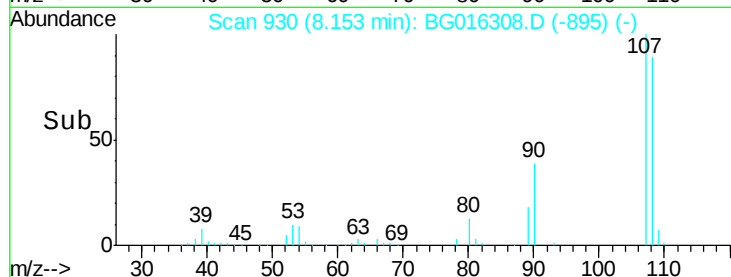
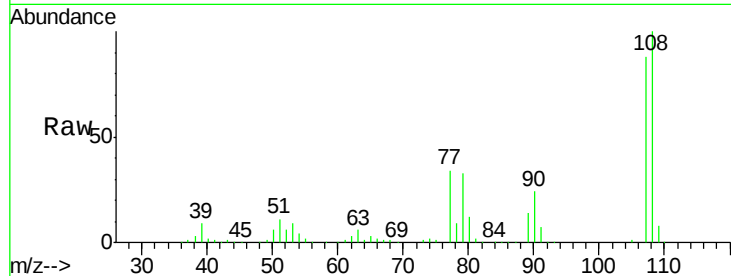
#17
2-Methylphenol
Concen: 44.63 ng
RT: 8.15 min Scan# 930
Delta R.T. 0.01 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampled :
PB82581BS

Tot Ion:	107	Resp:	210388
Ion Ratio	Lower	Upper	
107	100		
108	114.0	87.2	130.8
77	39.2	31.1	46.7
79	37.8	29.7	44.5

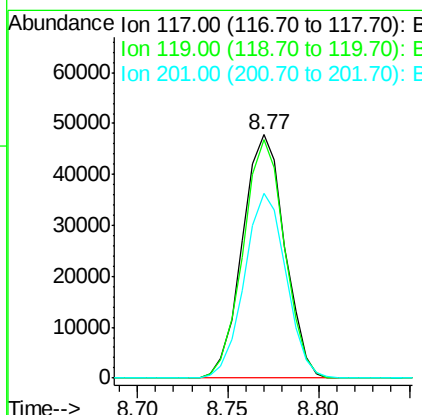
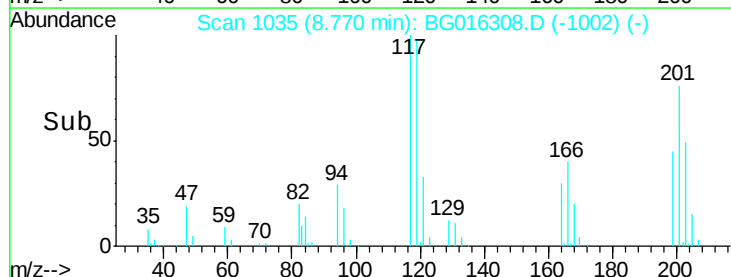
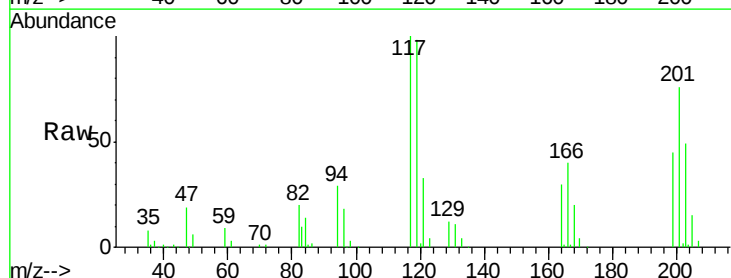
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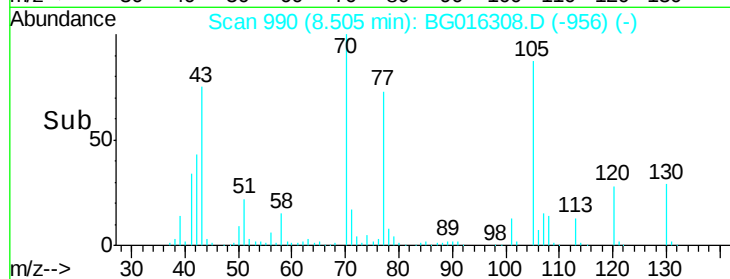
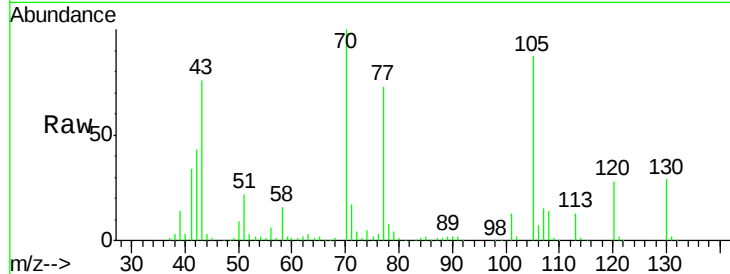
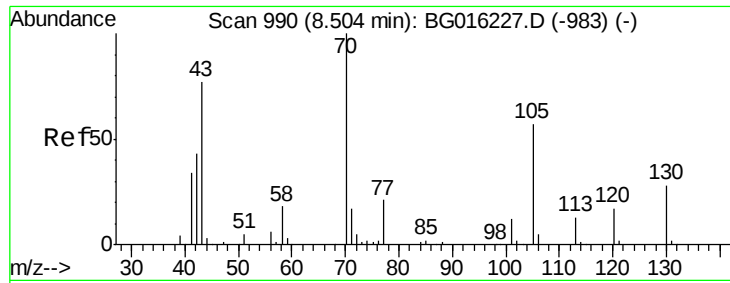
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#18
Hexachloroethane
Concen: 36.72 ng
RT: 8.77 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion:	117	Resp:	77339
Ion Ratio	Lower	Upper	
117	100		
119	98.2	78.8	118.2
201	76.1	59.0	88.4





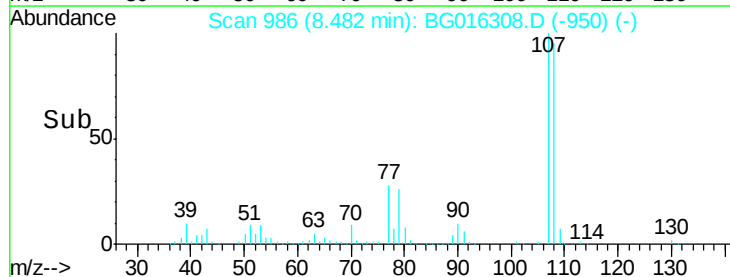
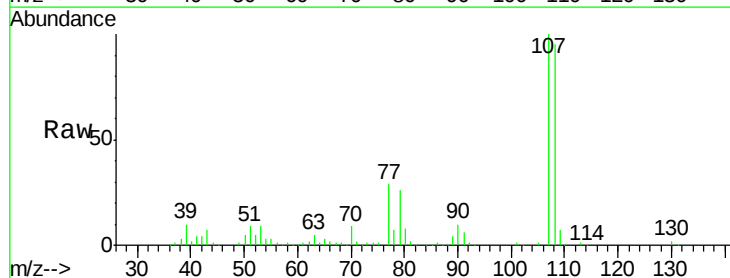
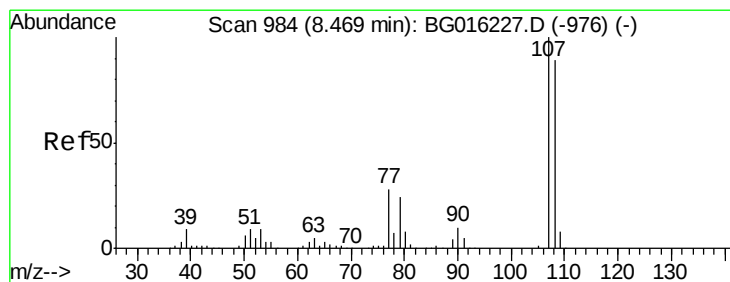
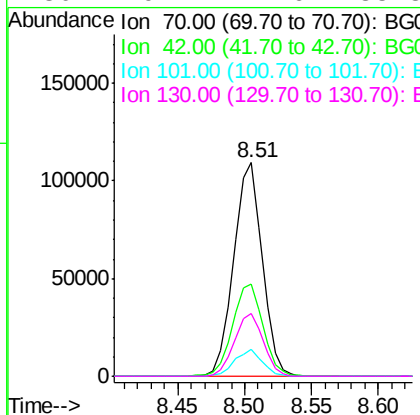
#19
n-Nitroso-di-n-propylamine
Concen: 34.56 ng
RT: 8.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		162688		
42	43.4	34.7	52.1		
101	12.7	9.2	13.8		
130	29.4	22.6	33.8		

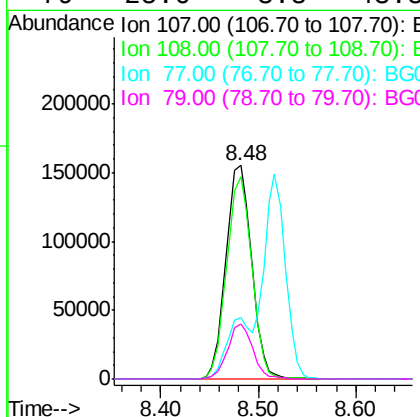
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#20
3+4-Methylphenols
Concen: 43.68 ng
RT: 8.48 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		285224		
108	94.9	69.5	109.5		
77	28.5	8.2	48.2		
79	25.6	3.8	43.8		





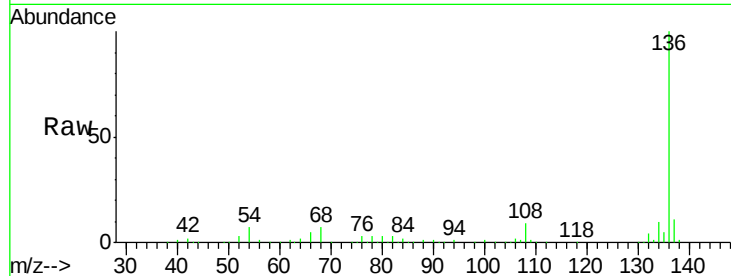
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

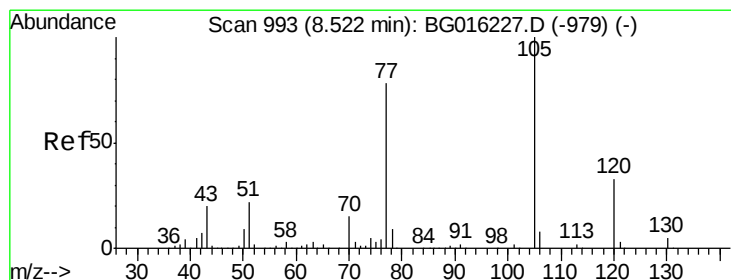
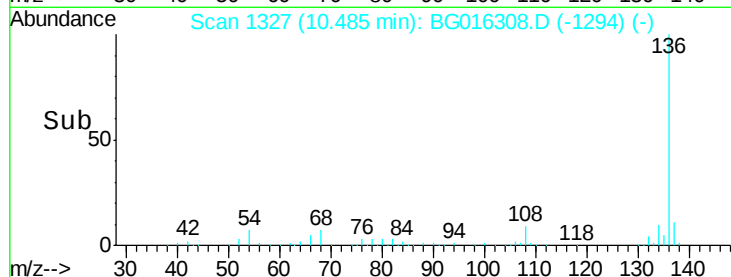
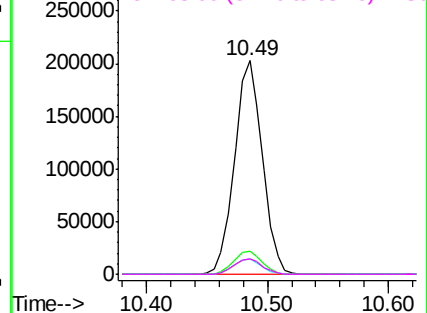
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		324146		
137	11.0		8.7	13.1	
54	7.1		6.3	9.5	
68	7.0		6.5	9.7	

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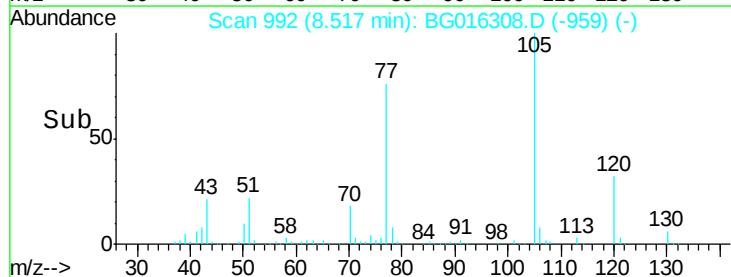
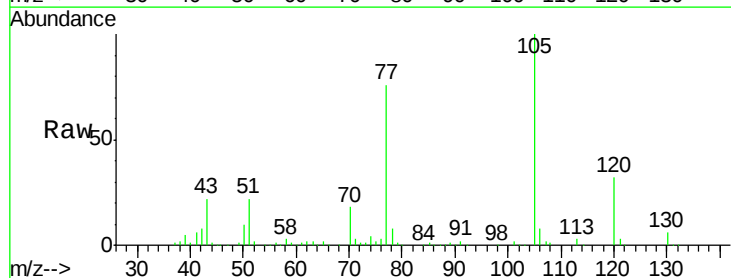
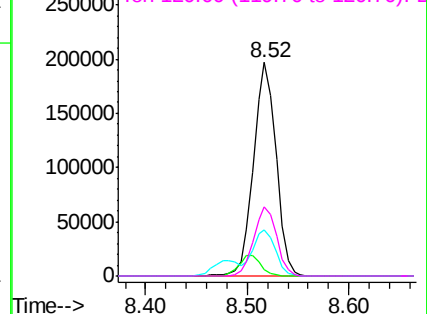
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.44 ng
RT: 8.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		303932		
71	3.2		2.0	3.0#	
51	21.7		17.9	26.9	
120	32.5		26.3	39.5	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





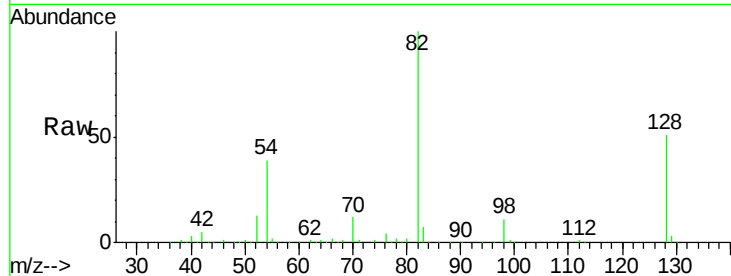
#23
 Nitrobenzene-d5
 Concen: 81.67 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

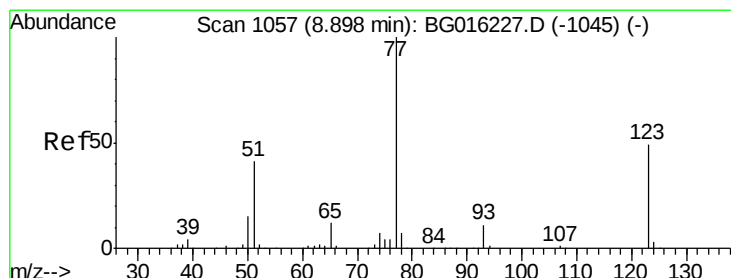
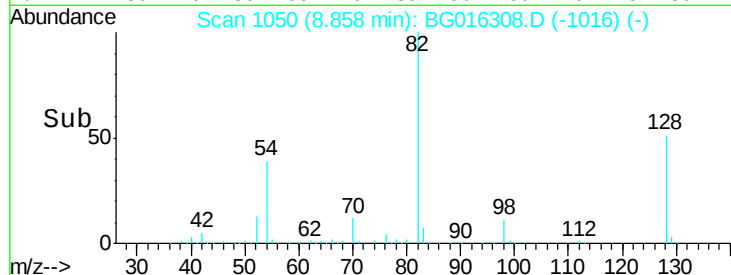
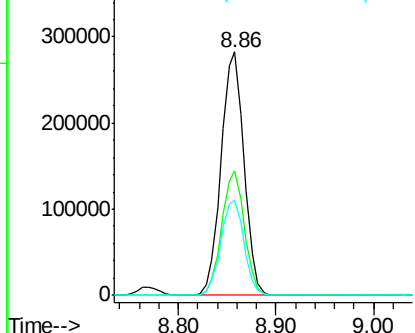
Tot Ion	Ratio	Resp	Lower	Upper
82	100	457003		
128	51.4	37.8	56.8	
54	39.0	32.6	49.0	

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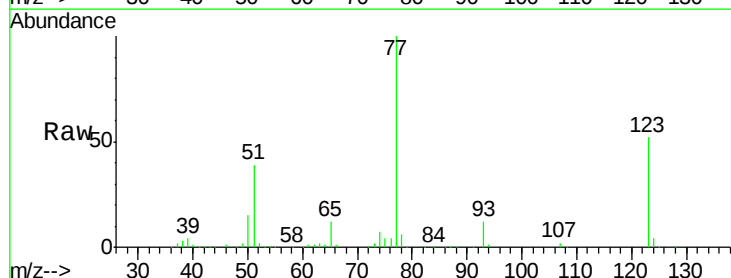


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

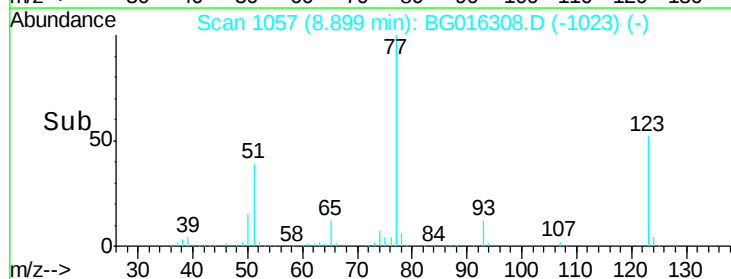
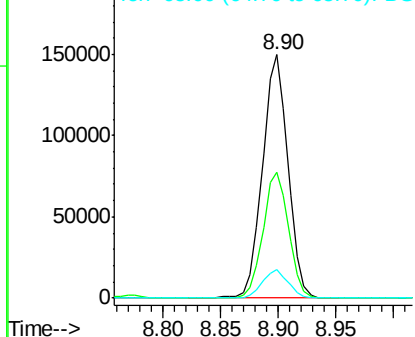


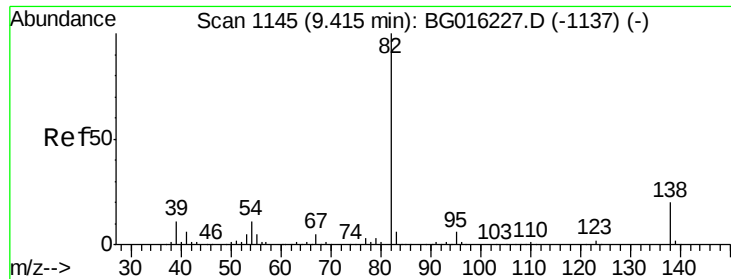
#24
 Nitrobenzene
 Concen: 38.69 ng
 RT: 8.90 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	231498		
123	51.7	38.8	58.2	
65	11.9	9.4	14.2	



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 35.87 ng

RT: 9.42 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

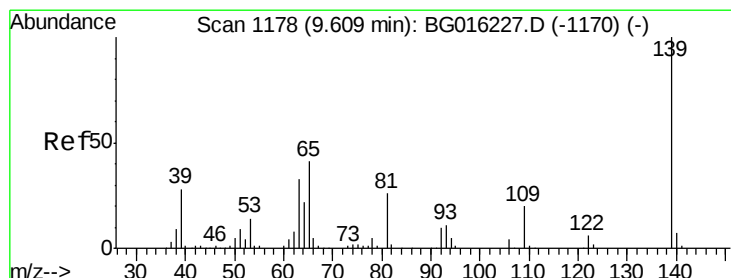
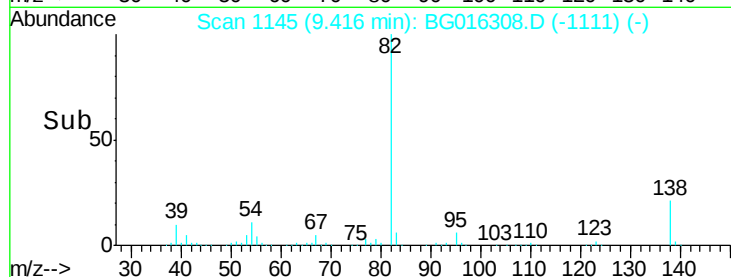
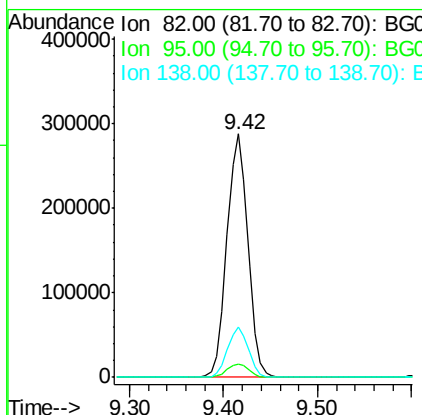
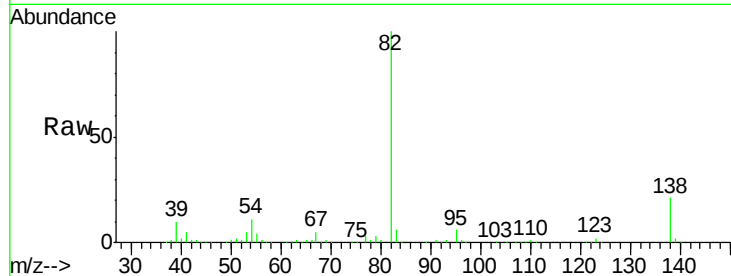
ClientSampleId :

PB82581BS

Tot Ion:	82	Resp:	445782
Ion Ratio	Lower	Upper	
82	100		
95	5.6	5.0	7.6
138	20.8	16.2	24.2

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#26

2-Nitrophenol

Concen: 45.98 ng

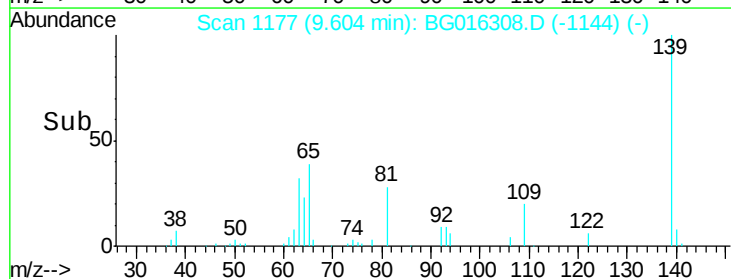
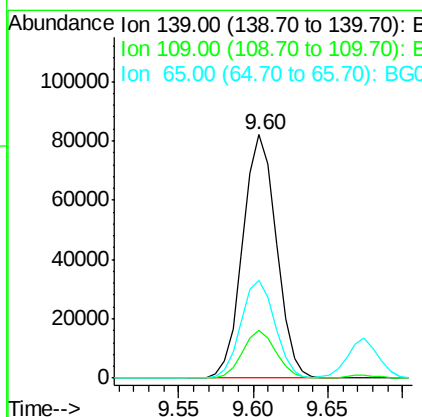
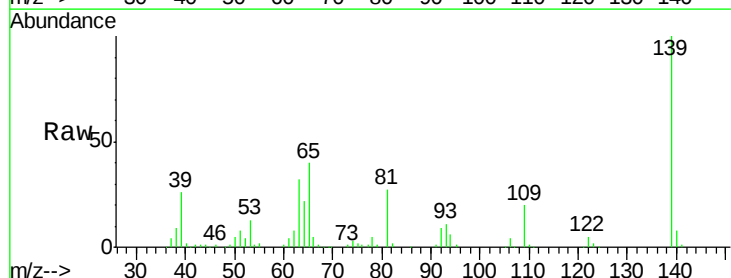
RT: 9.60 min Scan# 1177

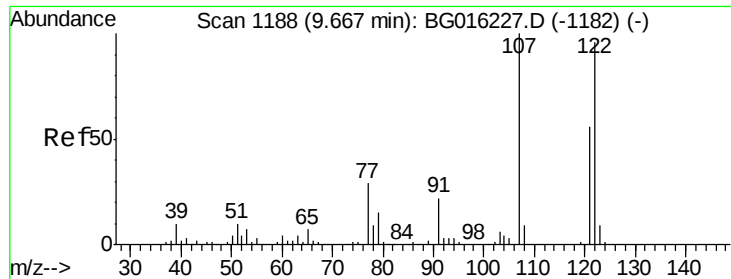
Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Tgt Ion:	139	Resp:	128284
Ion Ratio	Lower	Upper	
139	100		
109	19.7	15.9	23.9
65	40.1	32.9	49.3





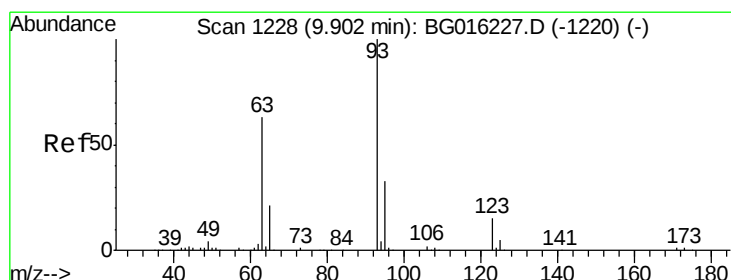
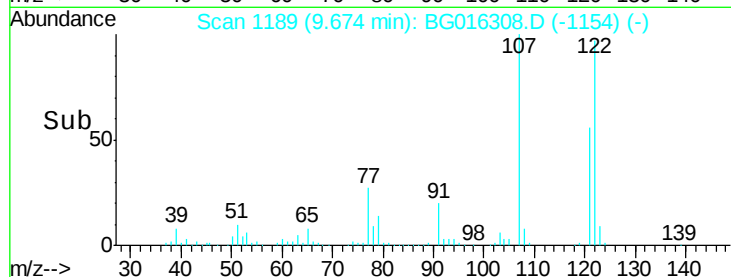
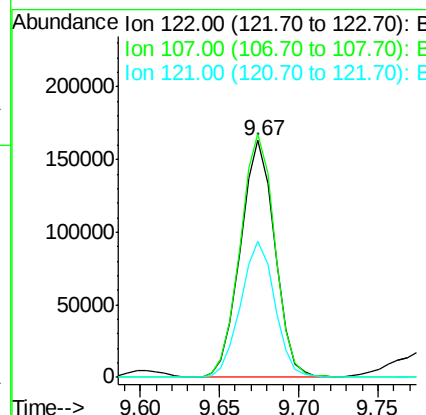
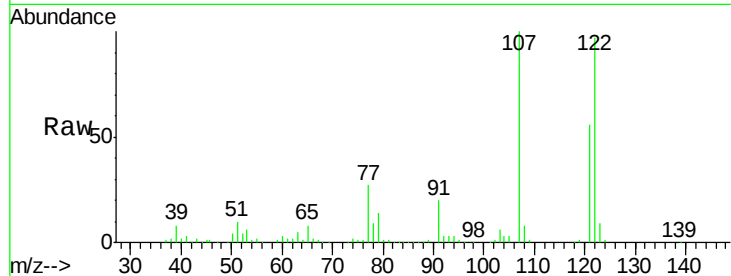
#27
 2,4-Dimethylphenol
 Concen: 47.27 ng
 RT: 9.67 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampled :
 PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	245686		
107	102.8	83.4	125.2	
121	57.4	46.2	69.4	

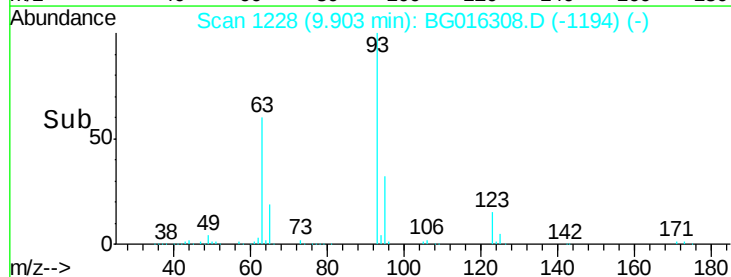
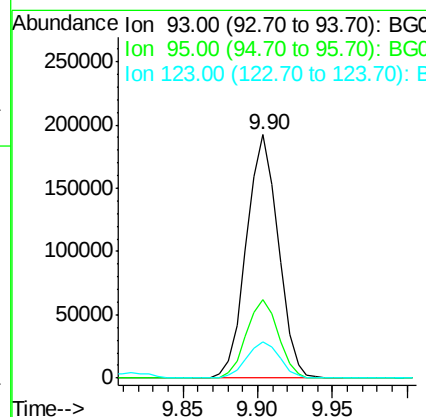
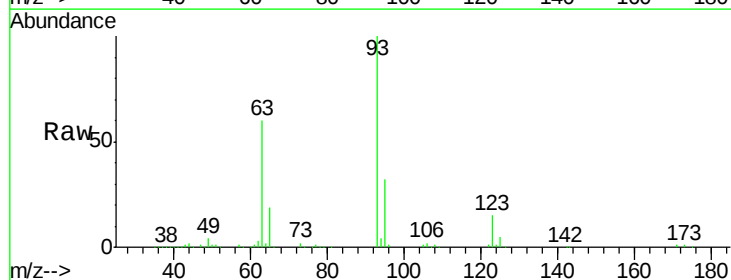
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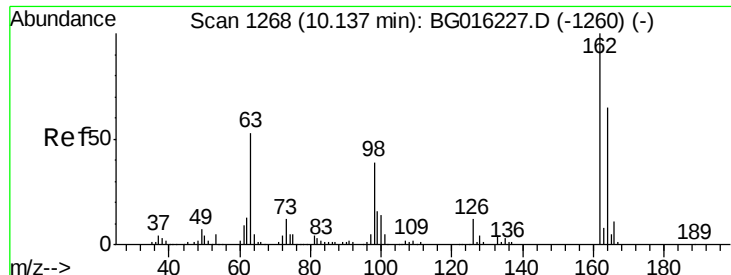
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.99 ng
 RT: 9.90 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	283645		
95	32.3	26.1	39.1	
123	14.8	11.8	17.8	





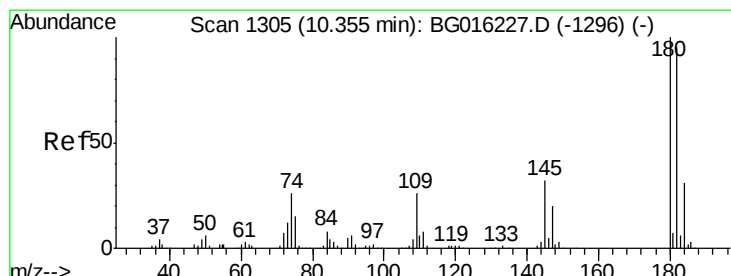
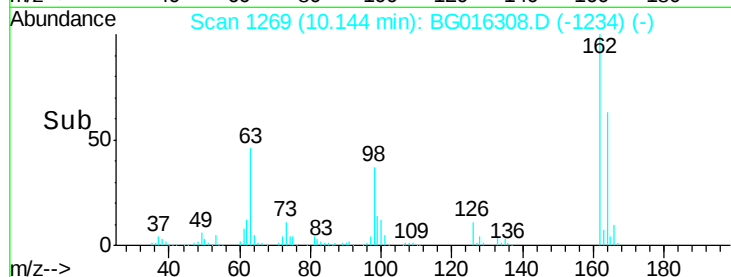
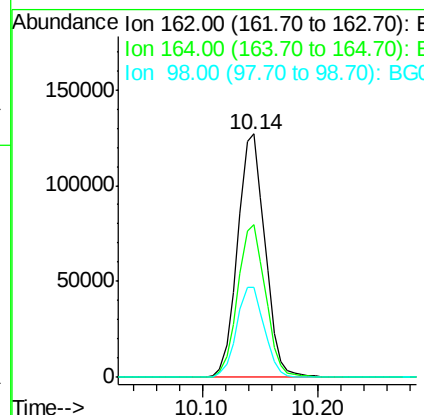
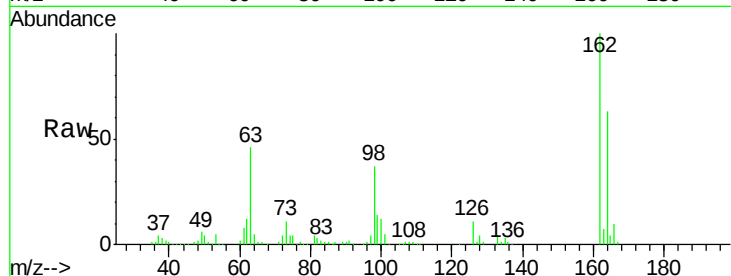
#29
2,4-Dichlorophenol
Concen: 50.90 ng
RT: 10.14 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	45.0	85.0
98	36.9	19.1	59.1

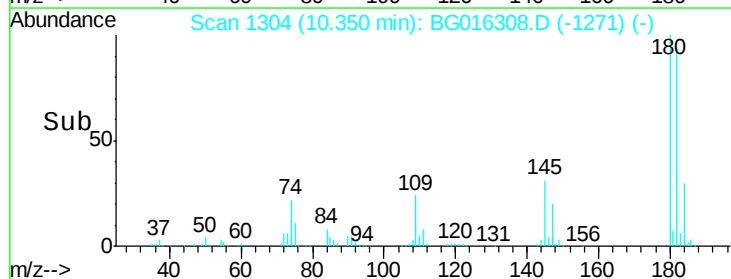
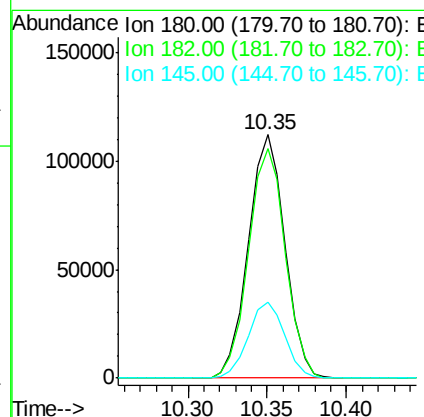
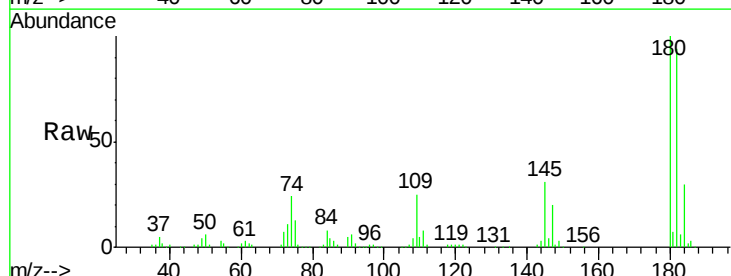
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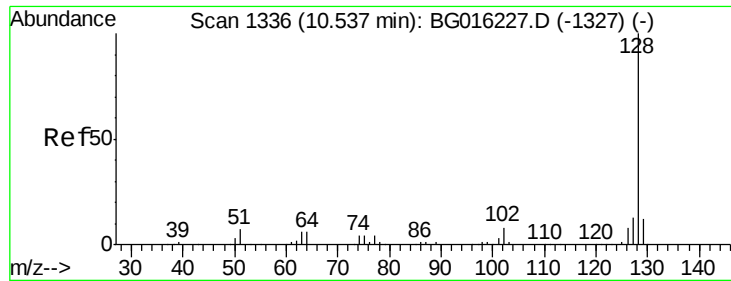
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#30
1,2,4-Trichlorobenzene
Concen: 41.80 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	76.3	114.5
145	31.4	25.2	37.8





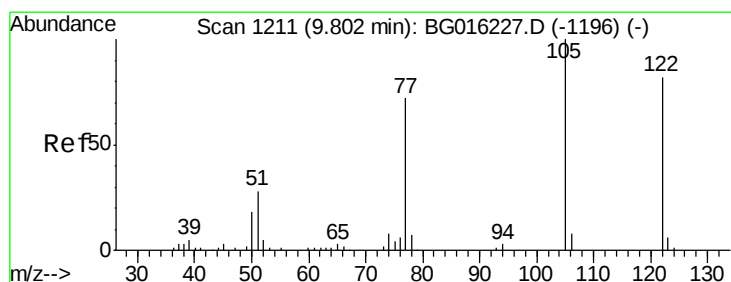
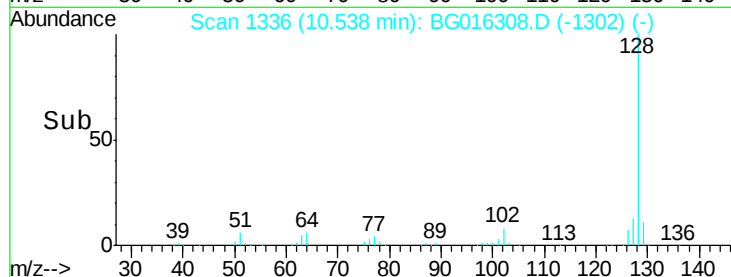
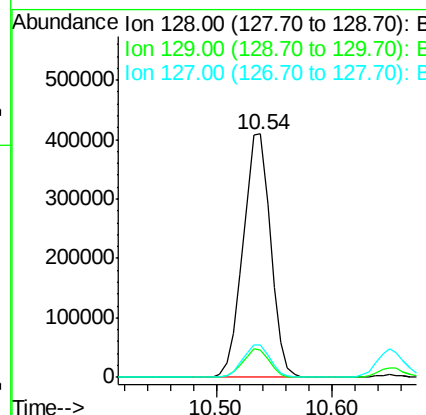
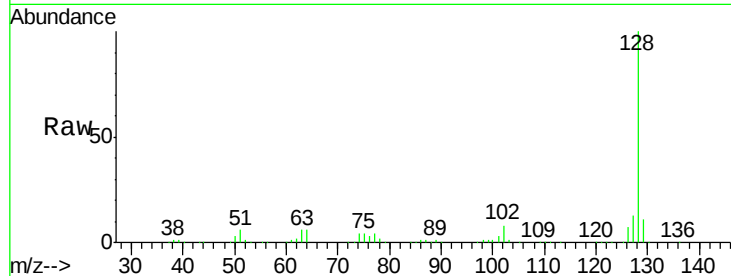
#31
Naphthalene
Concen: 40.04 ng
RT: 10.54 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampled :
PB82581BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	9.2	13.8
127	13.5	10.6	16.0

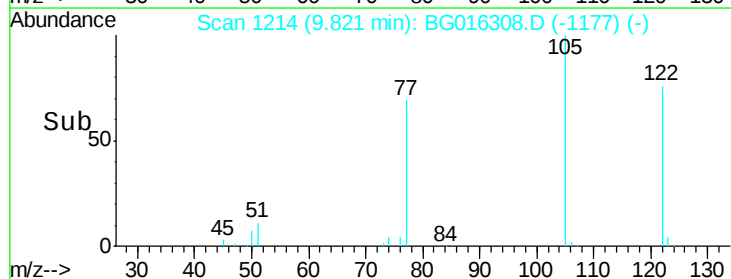
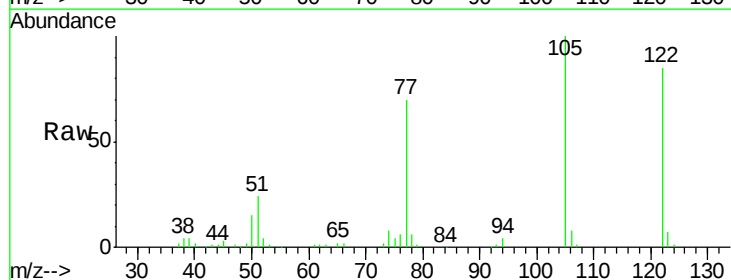
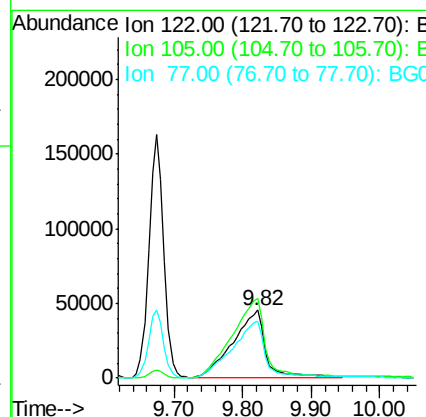
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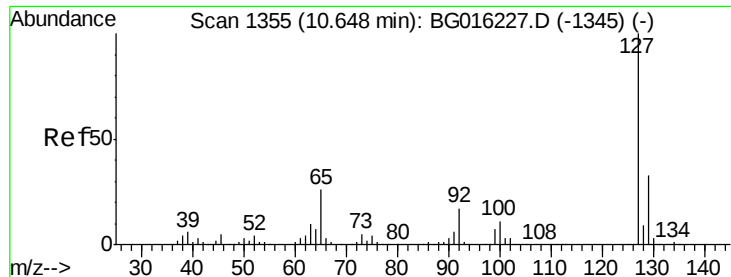
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#32
Benzoic acid
Concen: 44.16 ng
RT: 9.82 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.3	99.7	139.7
77	83.1	66.8	106.8





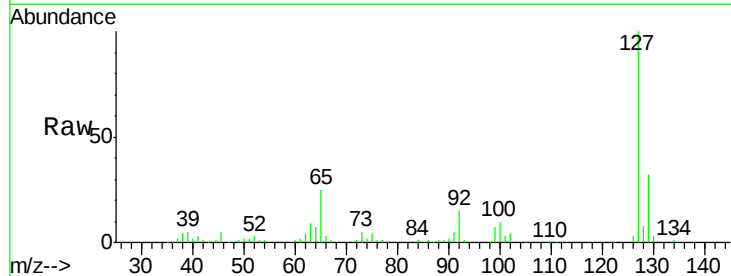
#33
 4-Chloroaniline
 Concen: 10.22 ng
 RT: 10.65 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

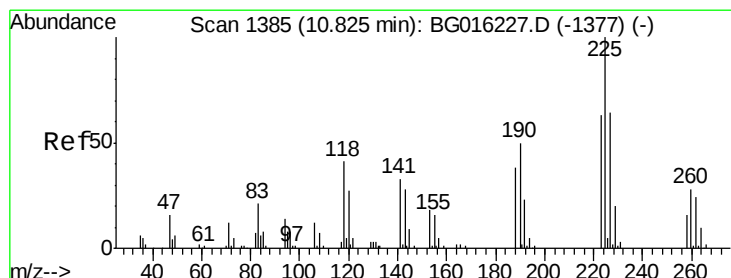
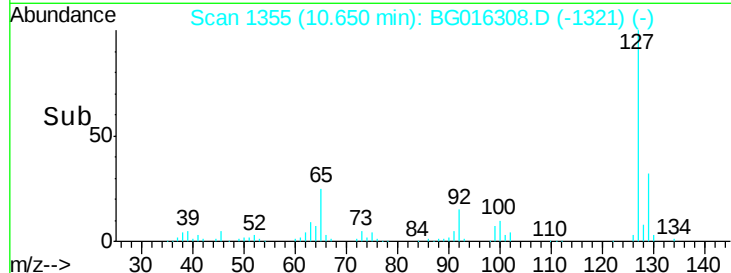
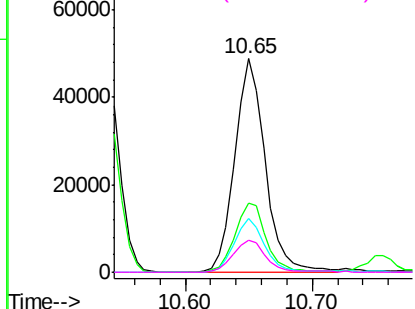
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		81033		
129	32.2	26.1	39.1		
65	25.0	21.2	31.8		
92	15.0	13.8	20.6		

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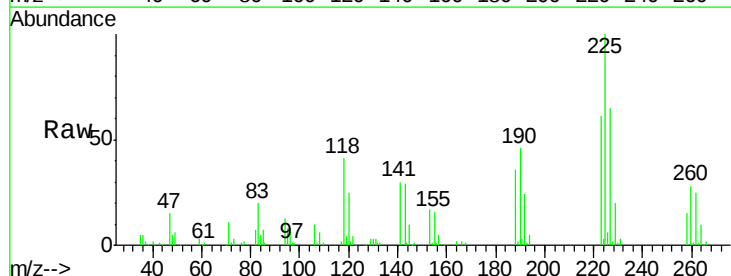


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

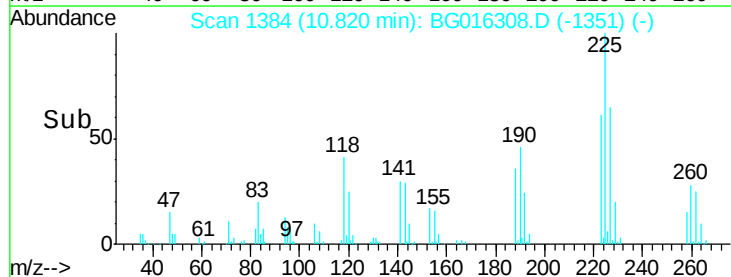
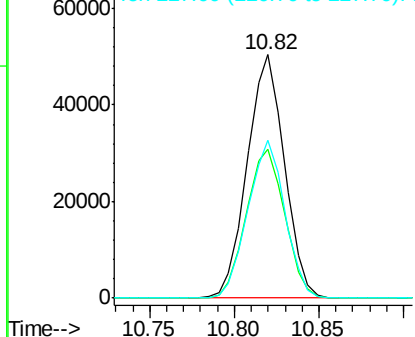


#34
 Hexachlorobutadiene
 Concen: 40.99 ng
 RT: 10.82 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		77301		
223	61.3	50.4	75.6		
227	64.9	51.2	76.8		



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





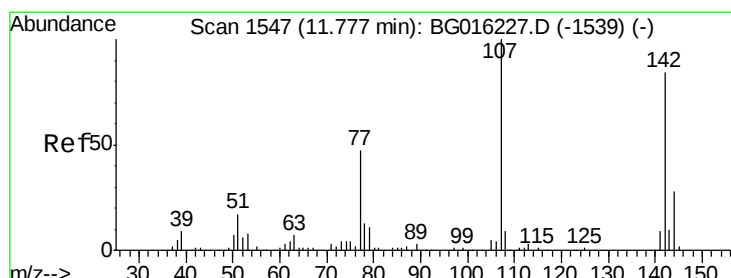
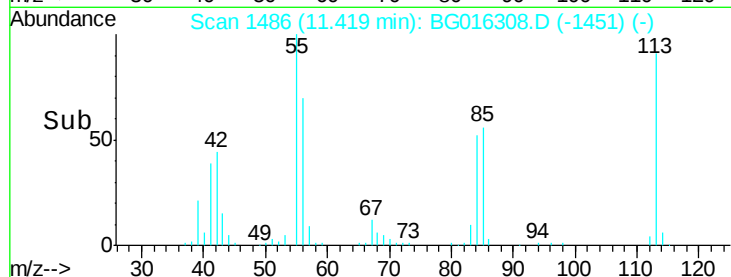
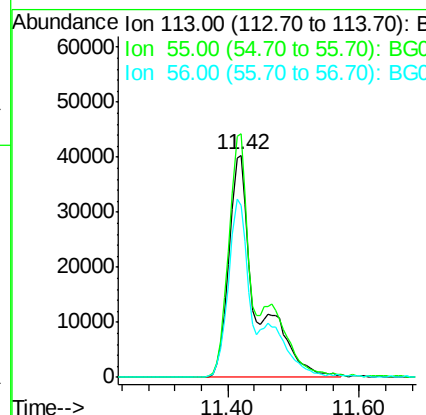
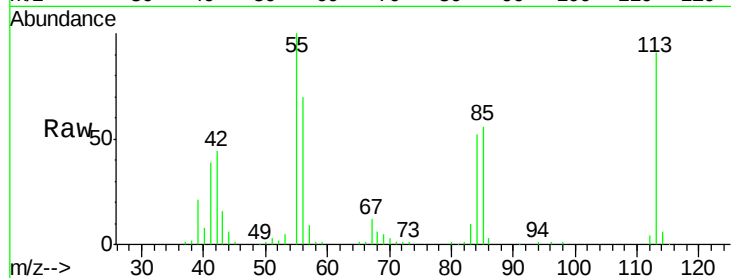
#35
 Caprolactam
 Concen: 44.87 ng/ml
 RT: 11.42 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	109.7		92.4	132.4	
56	77.3		63.2	103.2	

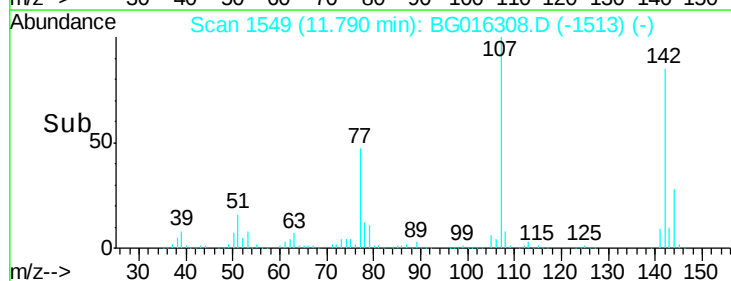
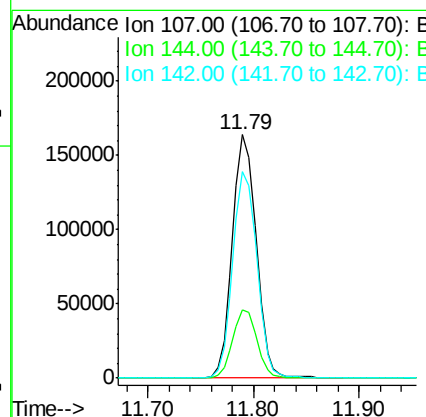
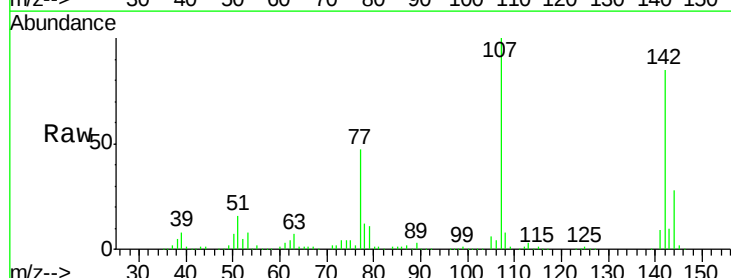
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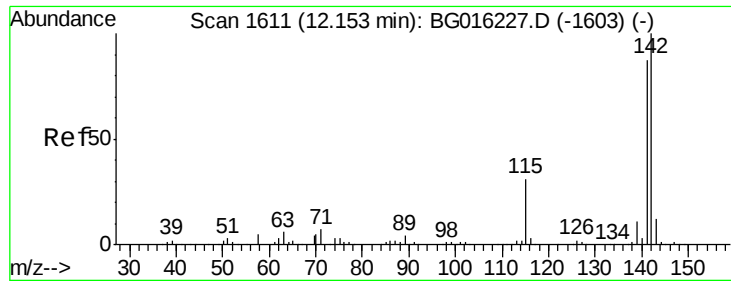
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#36
 4-Chloro-3-methylphenol
 Concen: 47.49 ng/ml
 RT: 11.79 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.2		22.0	33.0	
142	85.0		67.0	100.6	





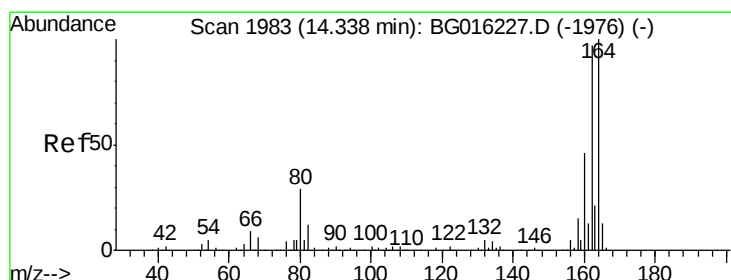
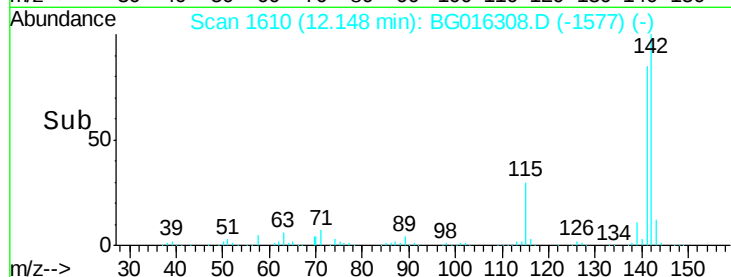
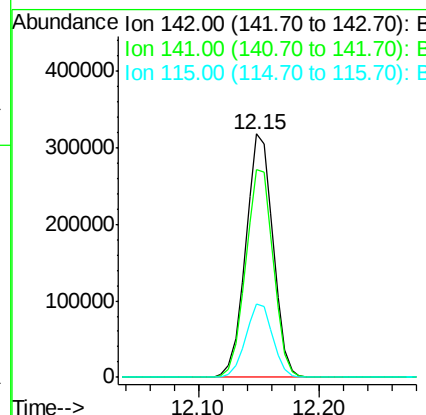
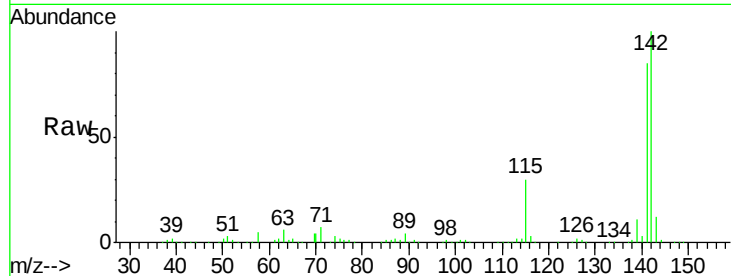
#37
2-Methylnaphthalene
Concen: 41.26 ng
RT: 12.15 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	69.3	103.9
115	30.2	25.0	37.6

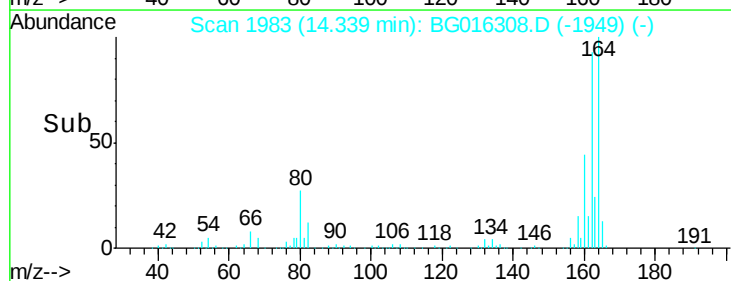
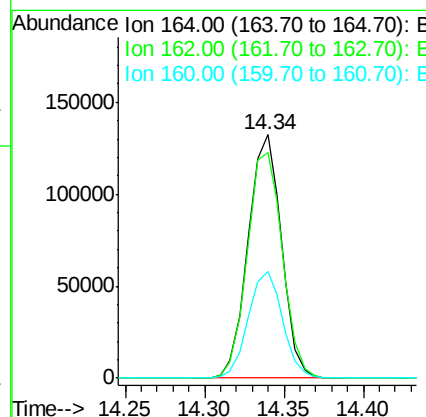
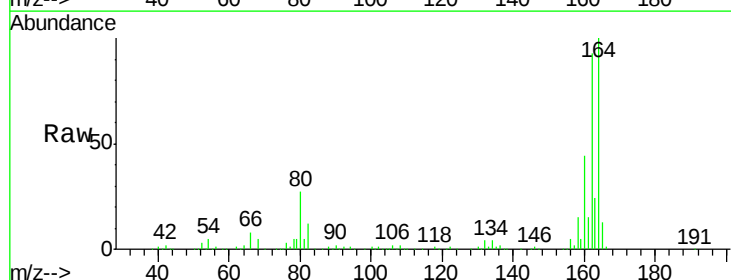
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.0	77.3	115.9
160	43.7	36.7	55.1





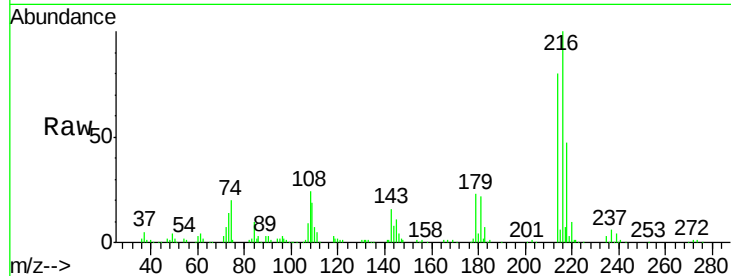
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.25 ng
 RT: 12.52 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

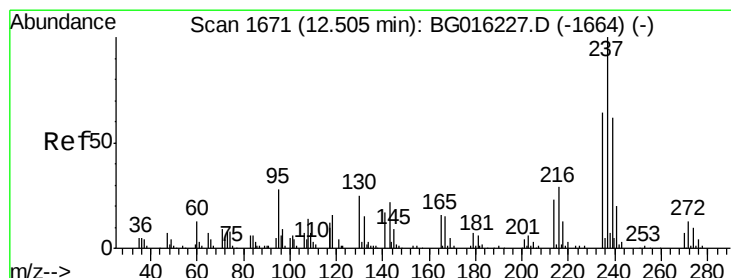
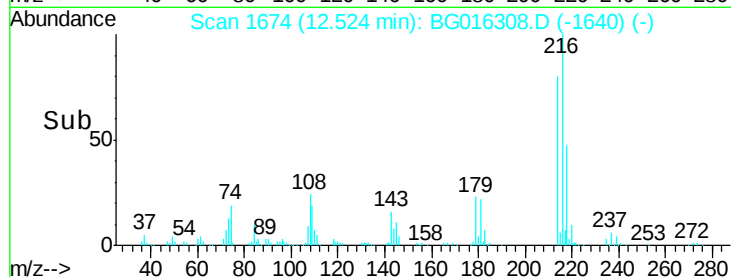
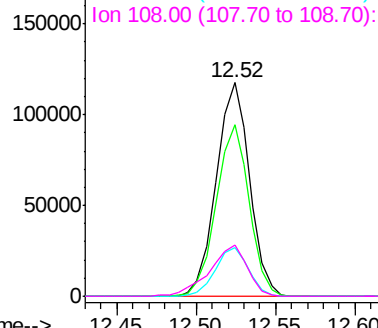
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		170890		
214	79.6	63.4	95.0		
179	23.0	18.2	27.2		
108	27.4	21.2	31.8		

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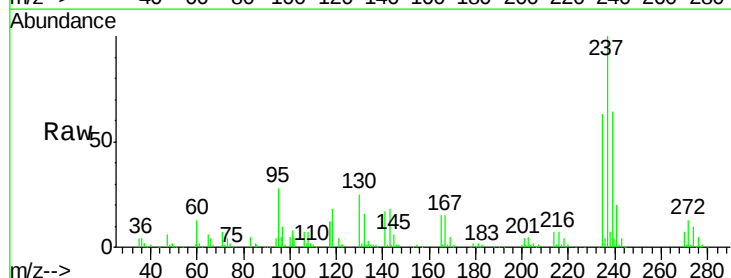


Abundance Ion 216.00 (215.70 to 216.70): E

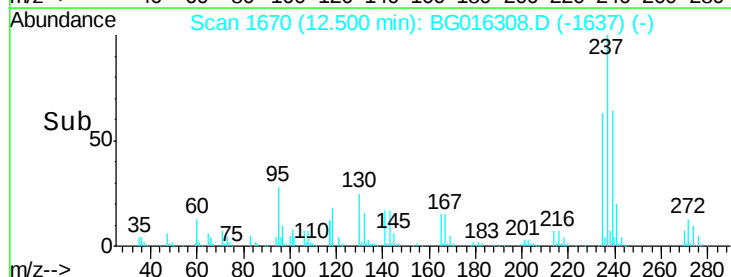
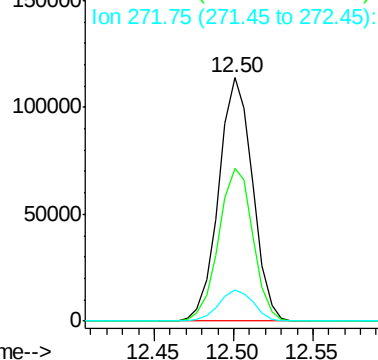


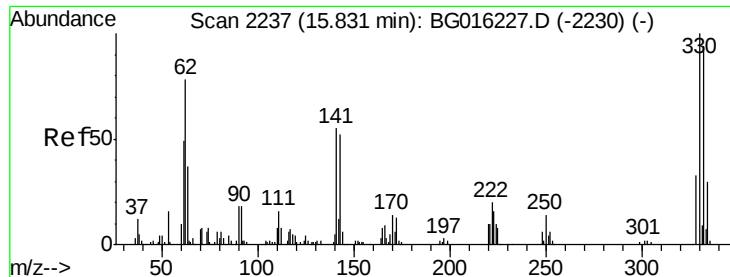
#40
 Hexachlorocyclopentadiene
 Concen: 86.82 ng
 RT: 12.50 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		168722		
235	62.6	43.9	83.9		
272	12.8	0.0	33.1		



Abundance Ion 236.80 (236.50 to 237.50): E





#41

2,4,6-Tribromophenol

Concen: 145.12 ng

RT: 15.83 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

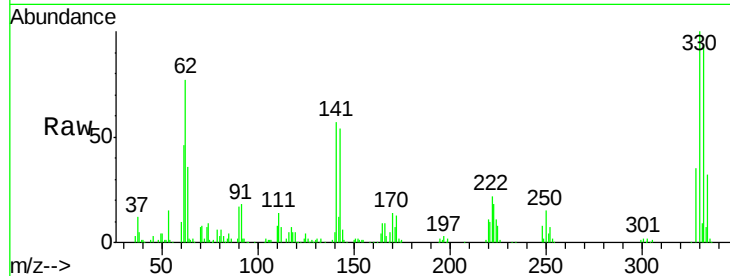
ClientSampleId :

PB82581BS

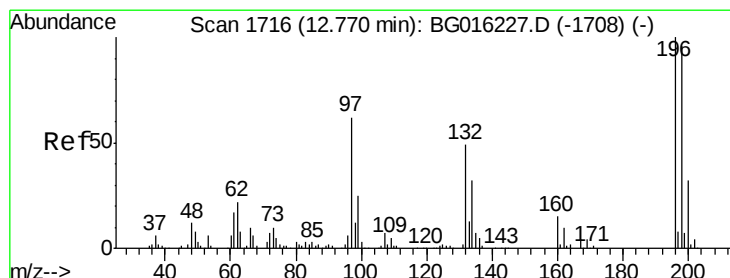
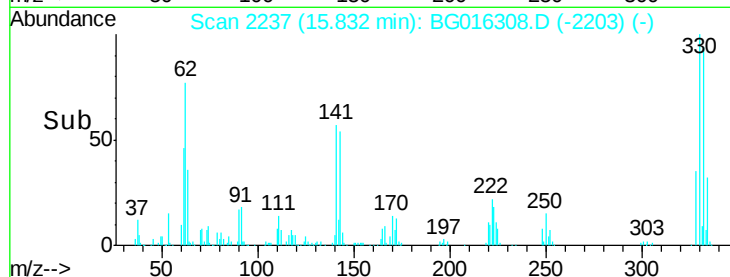
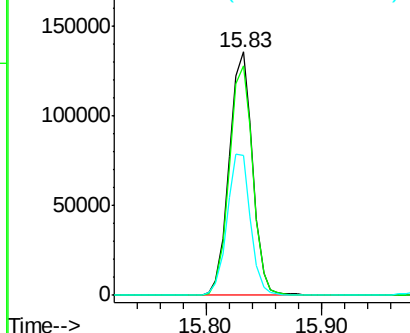
Tot Ion:	330	Resp:	189247
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.8	113.6
141	58.0	46.6	69.8

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



#42

2,4,6-Trichlorophenol

Concen: 45.40 ng

RT: 12.77 min Scan# 1716

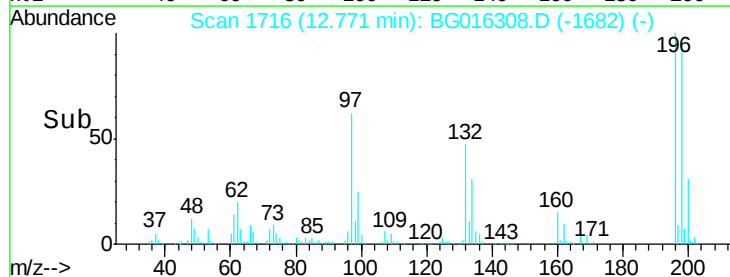
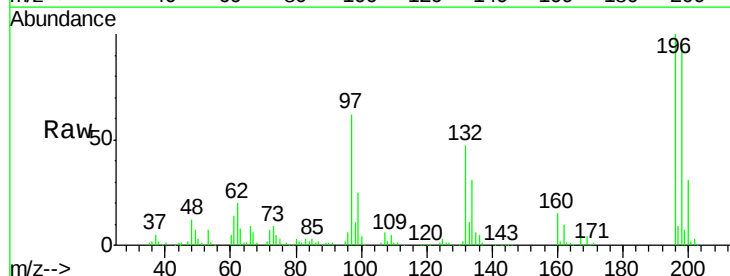
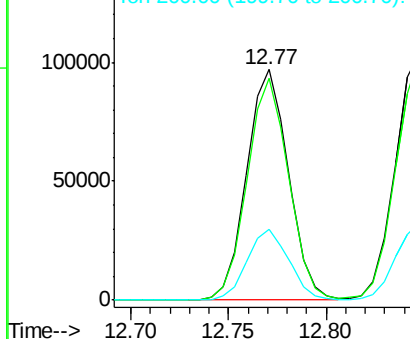
Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Tgt Ion:	196	Resp:	143216
Ion Ratio	Lower	Upper	
196	100		
198	96.4	77.2	115.8
200	30.9	25.3	37.9

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





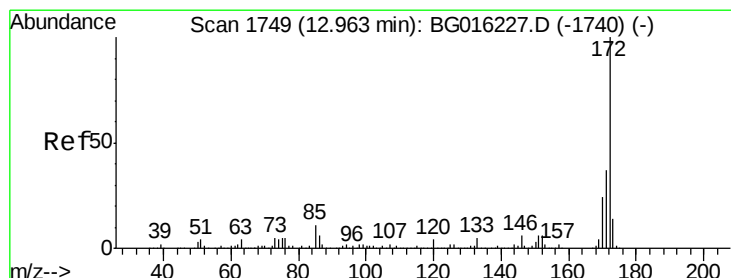
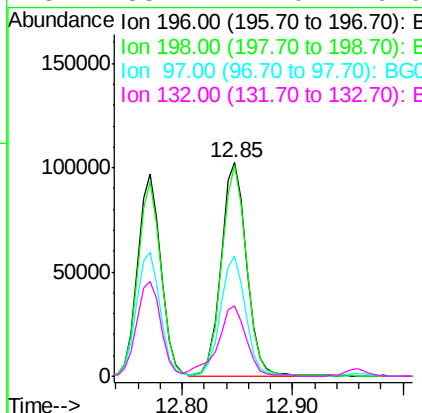
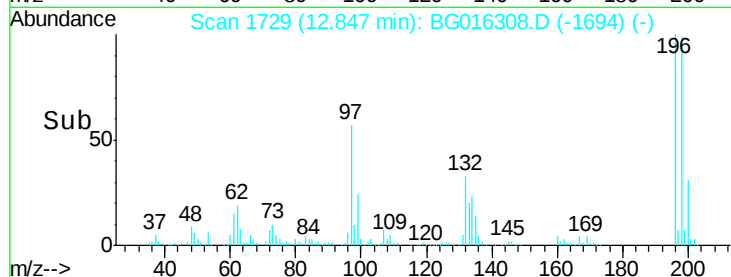
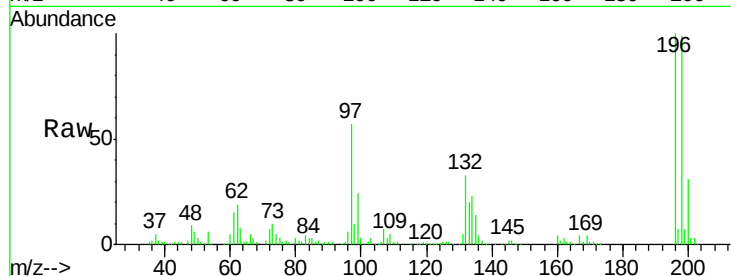
#43
 2,4,5-Trichlorophenol
 Concen: 48.75 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		164328		
198	98.7	77.1	115.7		
97	56.6	46.6	69.8		
132	33.1	27.0	40.6		

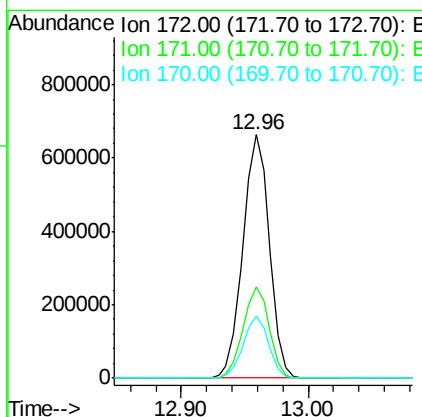
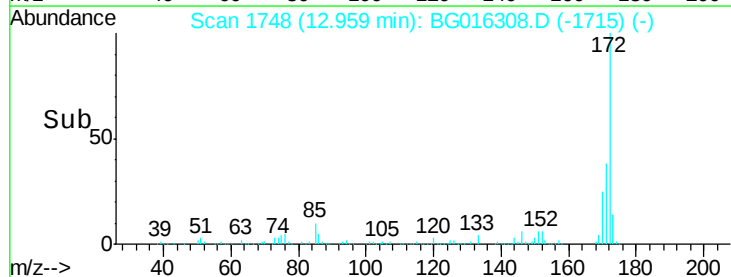
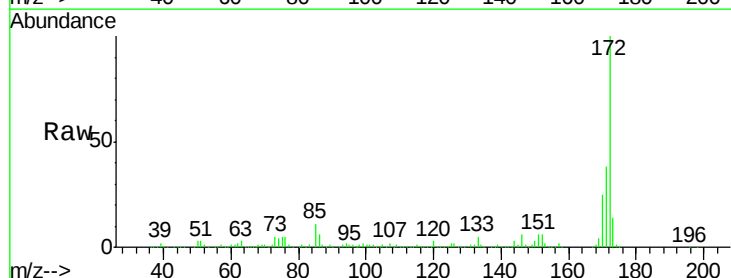
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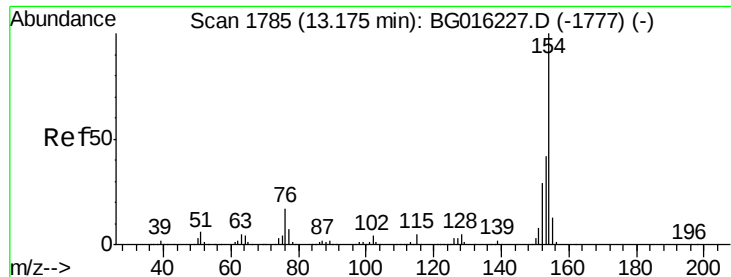
apatel
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#44
 2-Fluorobiphenyl
 Concen: 84.50 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		957038		
171	37.7	29.6	44.4		
170	25.3	19.4	29.2		





#45

1,1'-Biphenyl

Concen: 41.32 ng

RT: 13.17 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

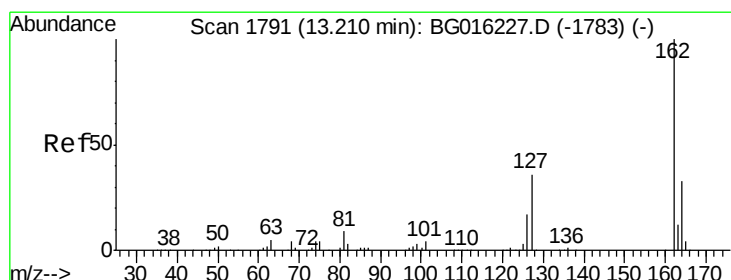
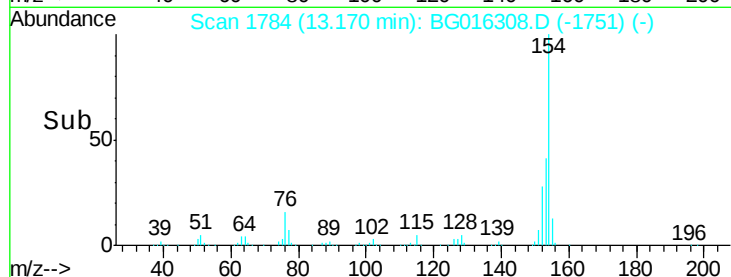
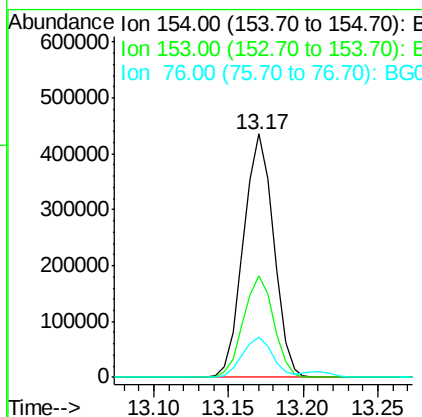
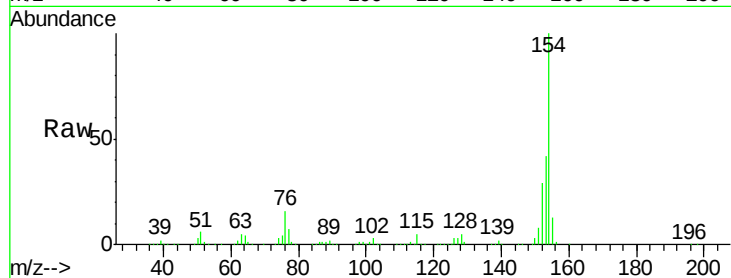
ClientSampleId :

PB82581BS

Tot Ion:	154	Resp:	611274
Ion Ratio	Lower	Upper	
154	100		
153	41.8	22.4	62.4
76	16.5	0.0	37.1

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#46

2-Chloronaphthalene

Concen: 40.62 ng

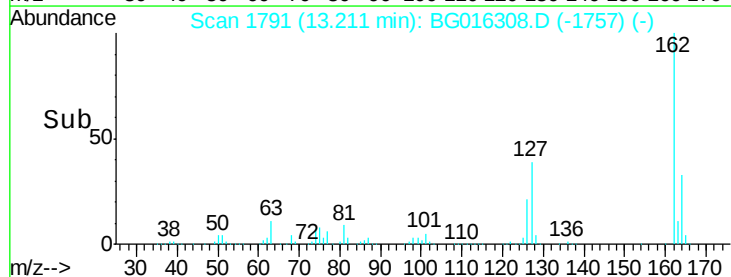
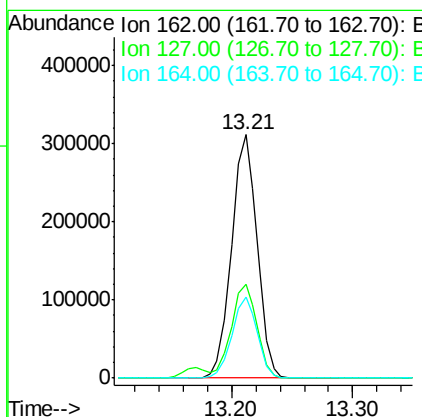
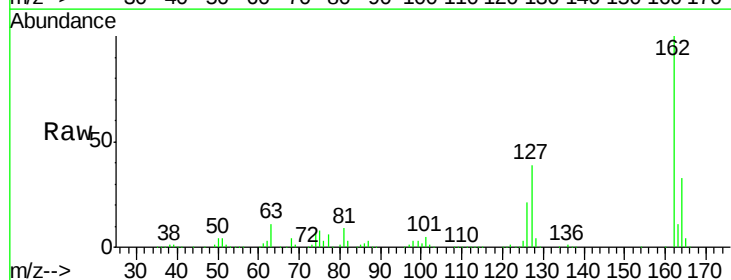
RT: 13.21 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Tgt Ion:	162	Resp:	457714
Ion Ratio	Lower	Upper	
162	100		
127	38.6	30.8	46.2
164	33.3	26.6	40.0





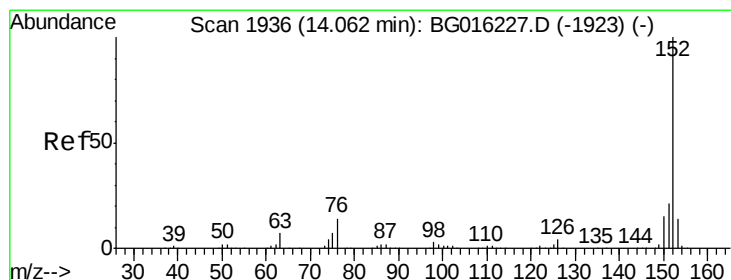
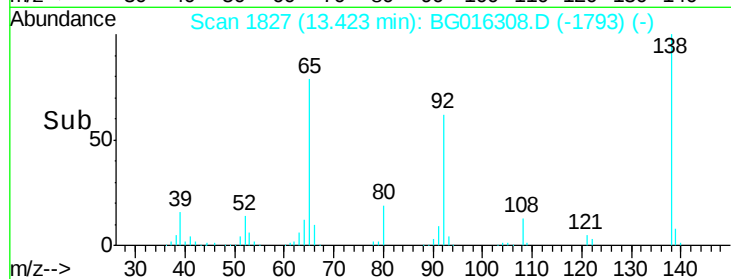
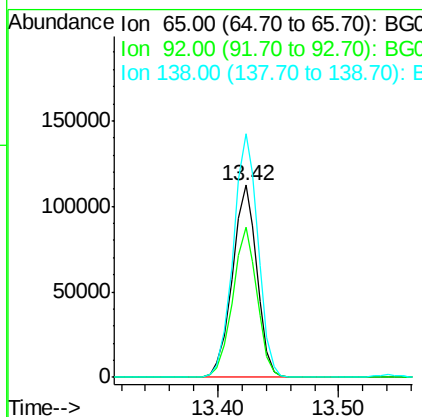
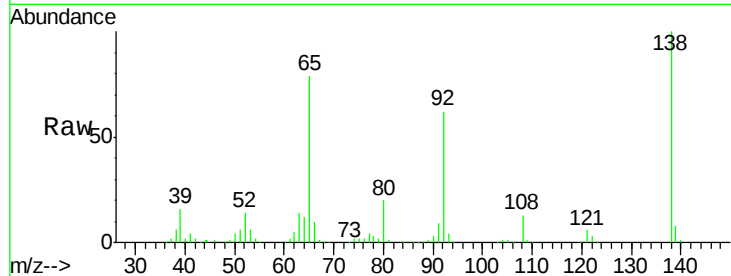
#47
2-Nitroaniline
Concen: 43.83 ng
RT: 13.42 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159190		
92	78.0	61.0	91.6	
138	126.8	98.7	148.1	

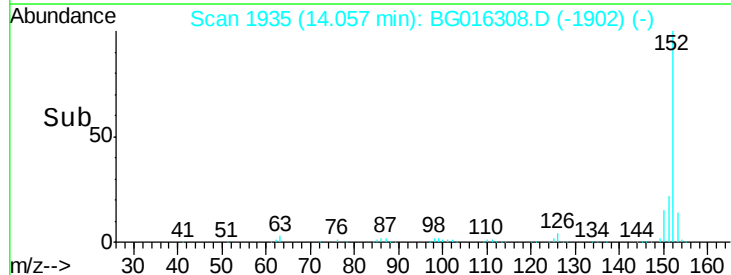
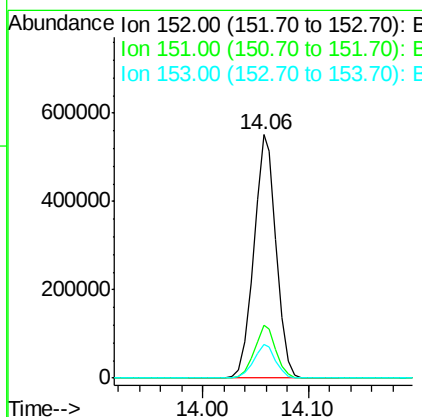
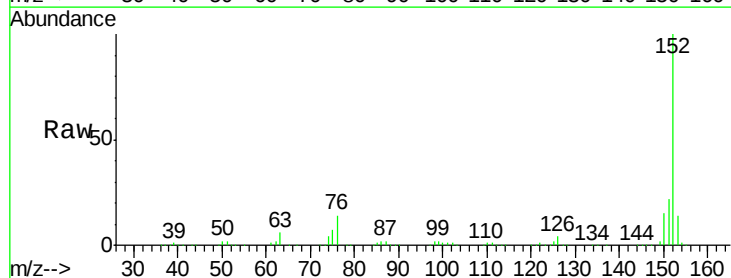
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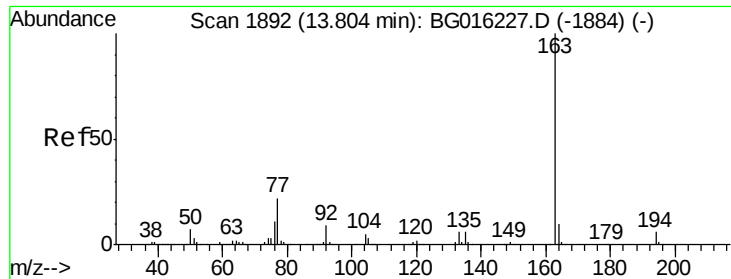
apatel
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#48
Acenaphthylene
Concen: 40.35 ng
RT: 14.06 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	808524		
151	21.5	16.5	24.7	
153	13.7	11.1	16.7	





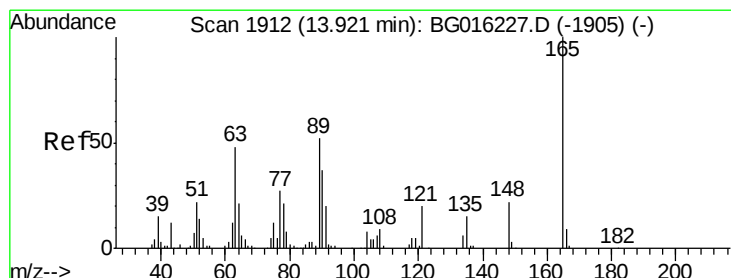
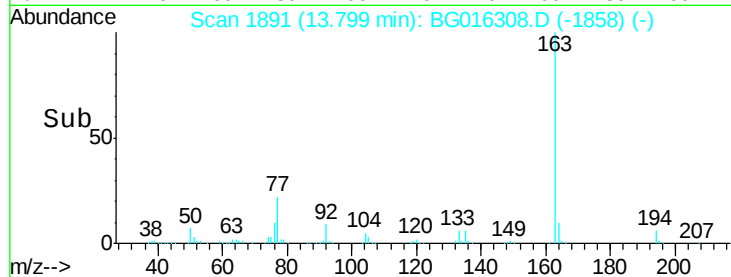
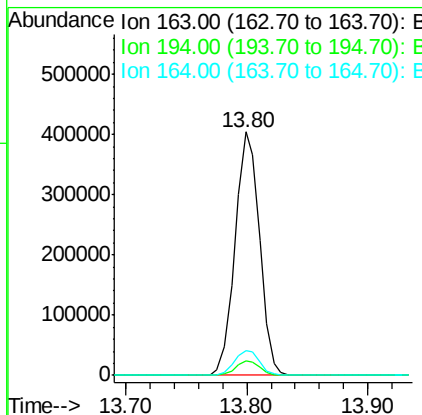
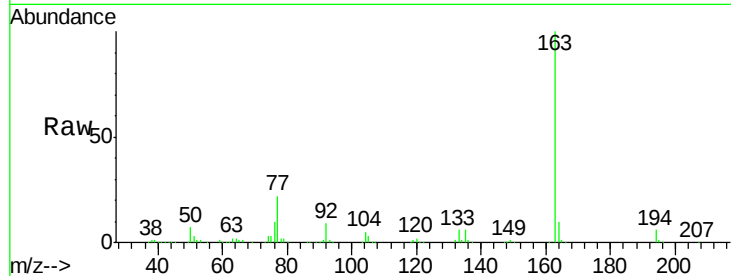
#49
Dimethylphthalate
Concen: 40.27 ng
RT: 13.80 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	569063		
194	6.1		5.0	7.4
164	10.2		8.2	12.4

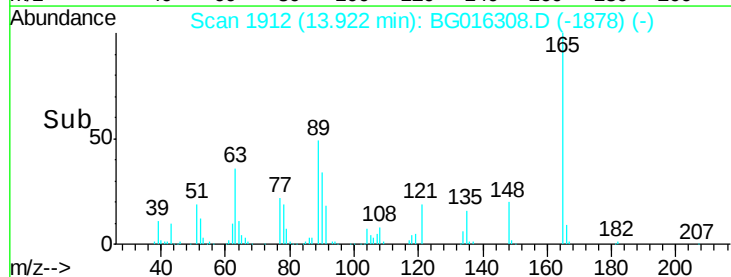
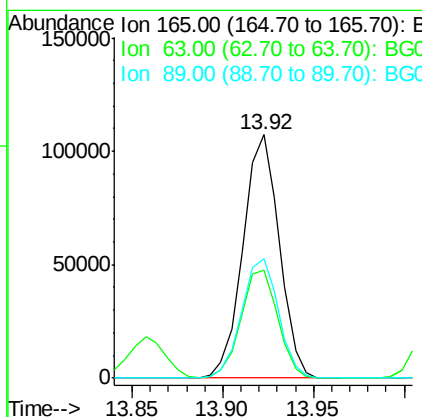
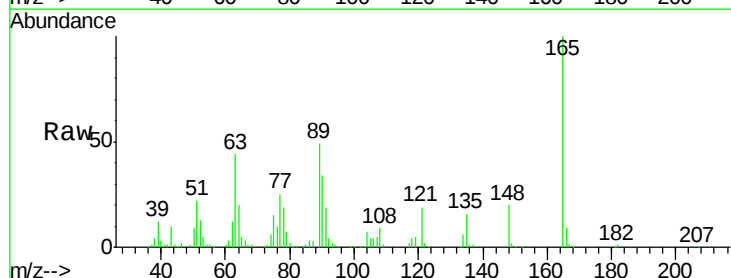
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#50
2,6-Dinitrotoluene
Concen: 43.63 ng
RT: 13.92 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149116		
63	44.3		39.3	58.9
89	49.1		41.3	61.9





#51

Acenaphthene

Concen: 40.79 ng

RT: 14.40 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

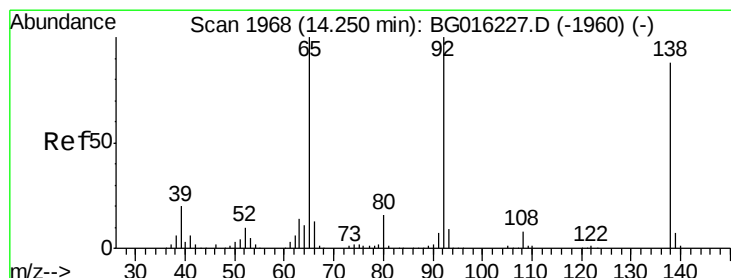
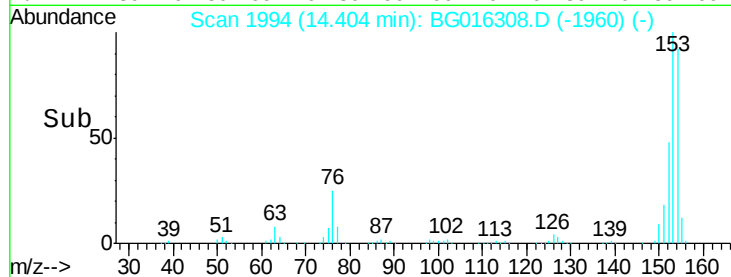
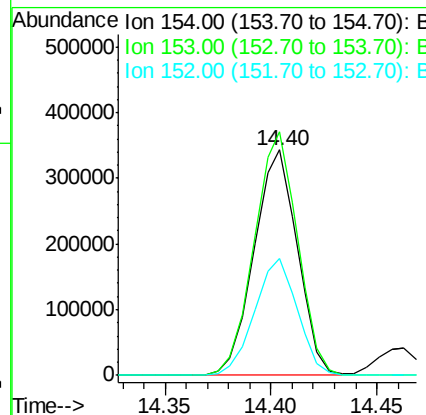
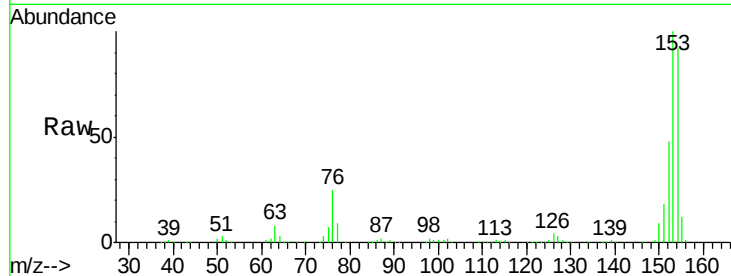
ClientSampleID :

PB82581BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	108.2	87.5	131.3
152	51.8	42.1	63.1

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#52

3-Nitroaniline

Concen: 22.96 ng

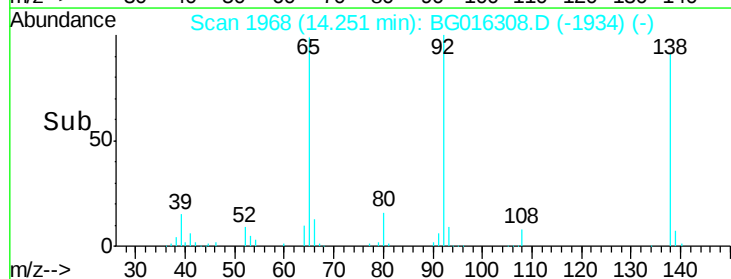
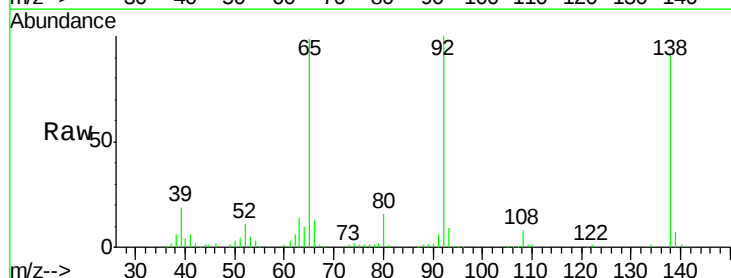
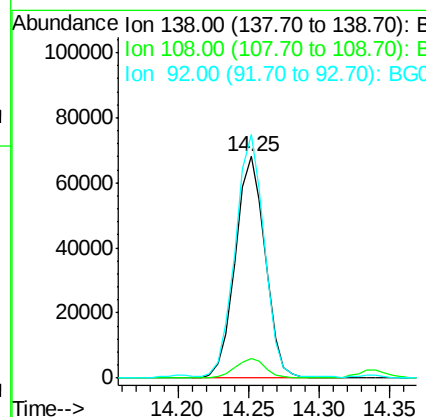
RT: 14.25 min Scan# 1968

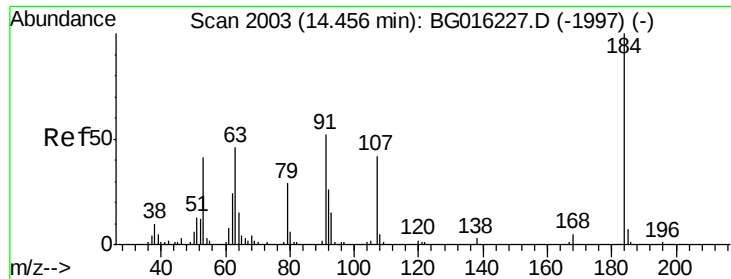
Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.8	7.4	11.0
92	109.9	91.4	137.0





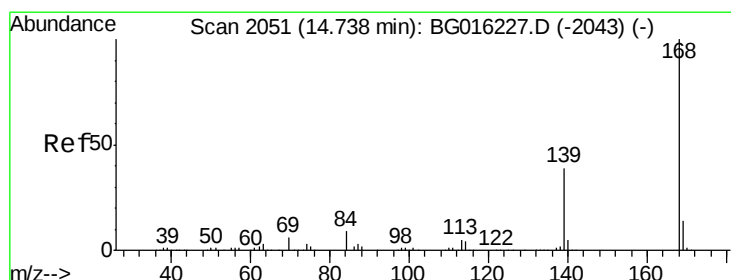
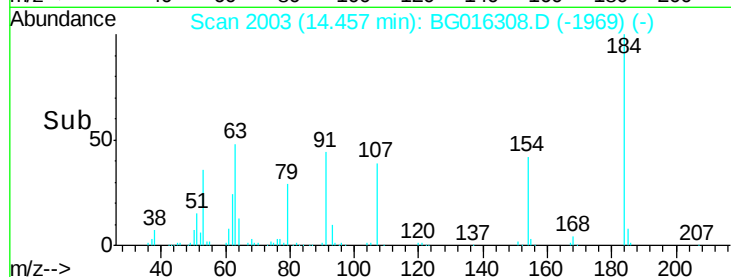
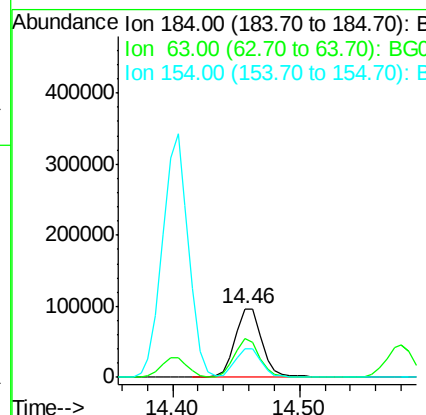
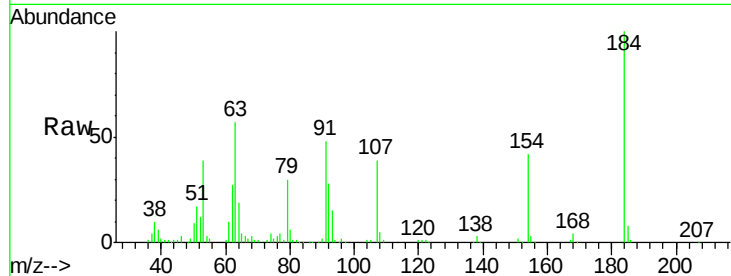
#53
2,4-Dinitrophenol
Concen: 71.92 ng
RT: 14.46 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	140414		
63	56.5	45.8	68.6	
154	41.6	34.5	51.7	

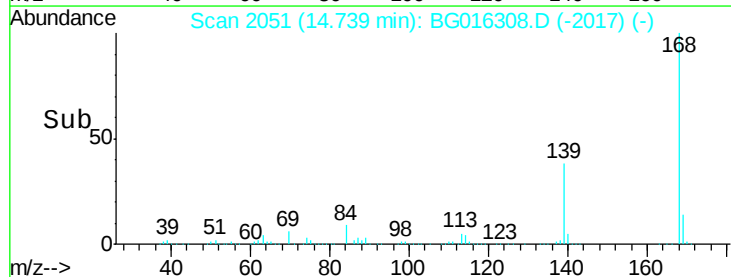
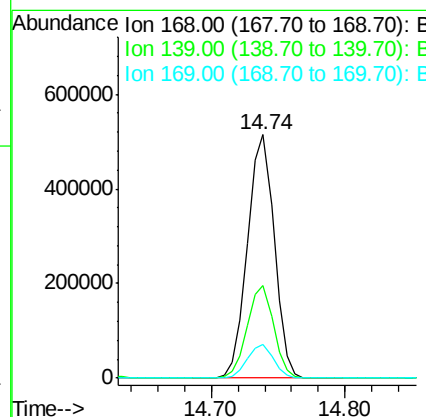
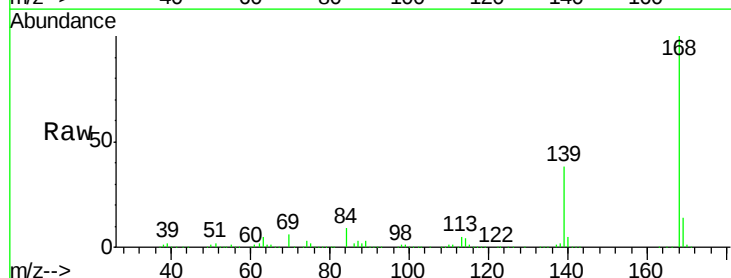
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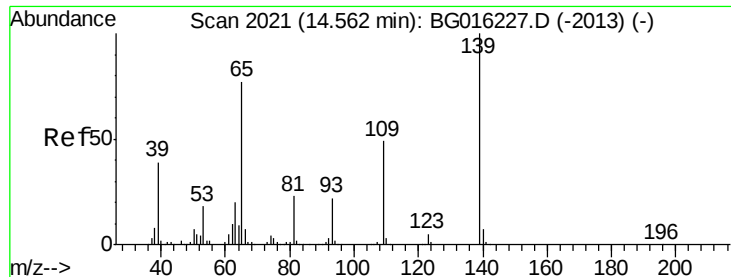
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#54
Dibenzofuran
Concen: 42.75 ng
RT: 14.74 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	710386		
139	37.9	31.0	46.6	
169	13.7	11.2	16.8	





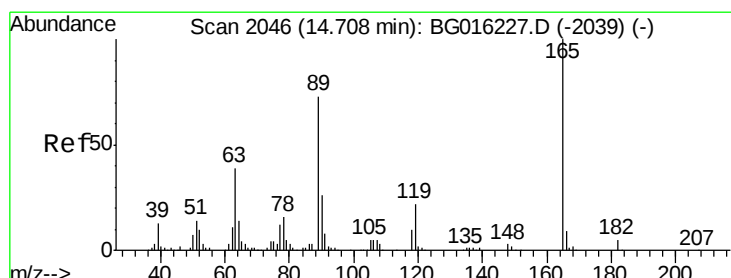
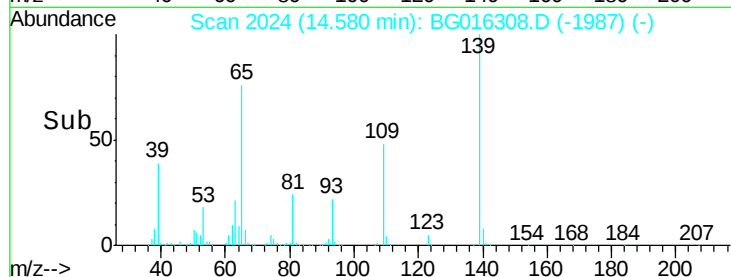
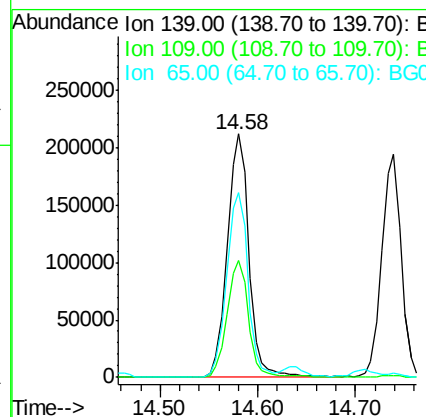
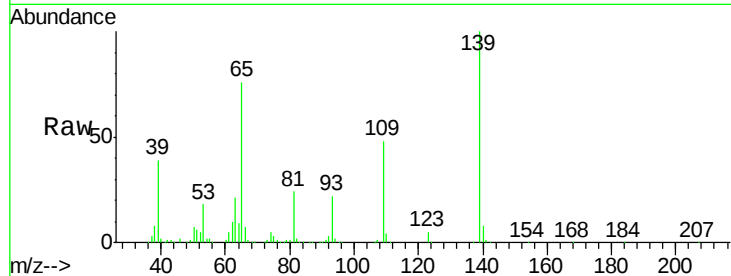
#55
4-Nitrophenol
Concen: 90.65 ng
RT: 14.58 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	326992		
109	48.1	28.5	68.5	
65	75.7	56.9	96.9	

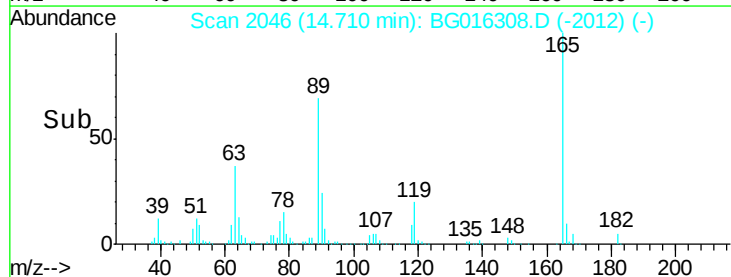
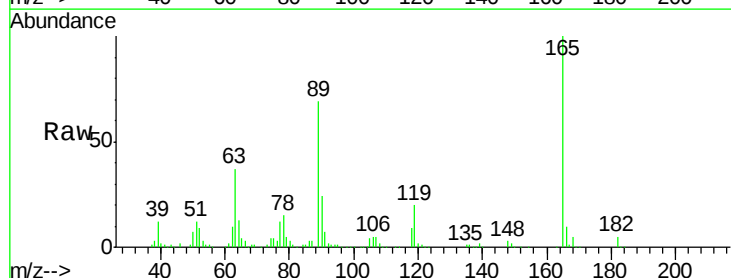
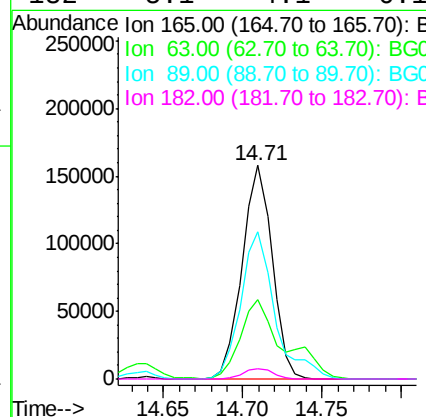
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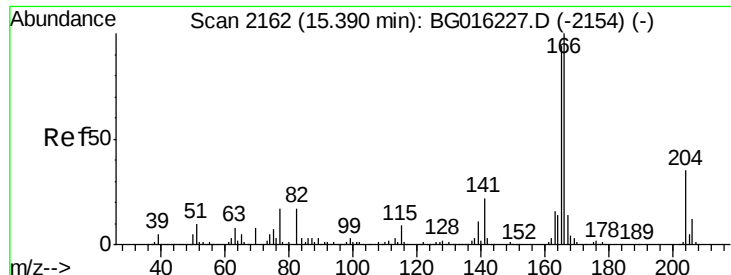
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#56
2,4-Dinitrotoluene
Concen: 44.60 ng
RT: 14.71 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207643		
63	37.2	31.4	47.2	
89	69.0	58.8	88.2	
182	5.1	4.1	6.1	





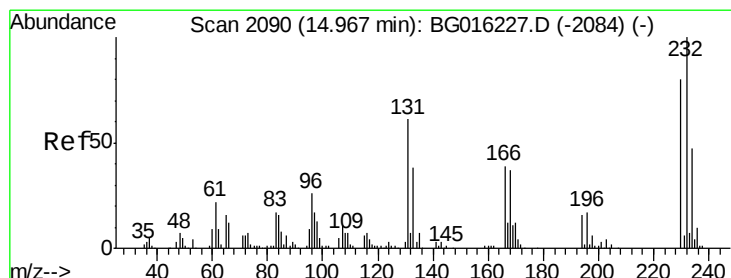
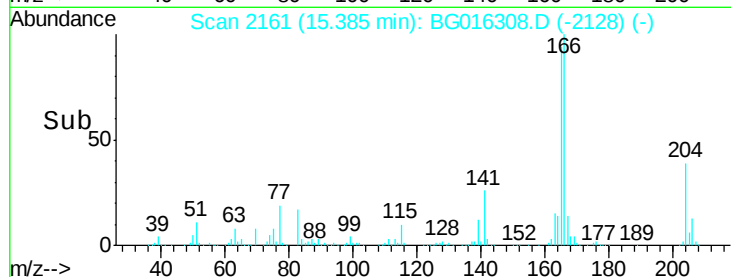
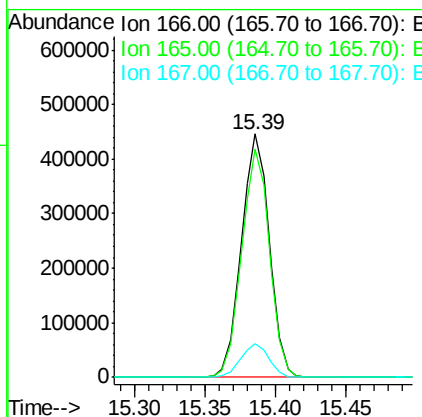
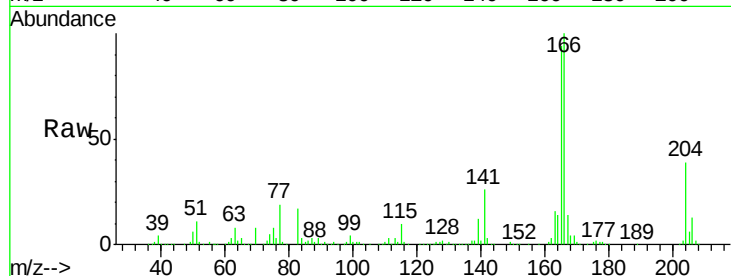
#57
Fluorene
 Concen: 41.90 ng
 RT: 15.39 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Tot Ion:	166	Resp:	614199
Ion Ratio	Lower	Upper	
166	100		
165	93.6	75.2	112.8
167	13.9	11.3	16.9

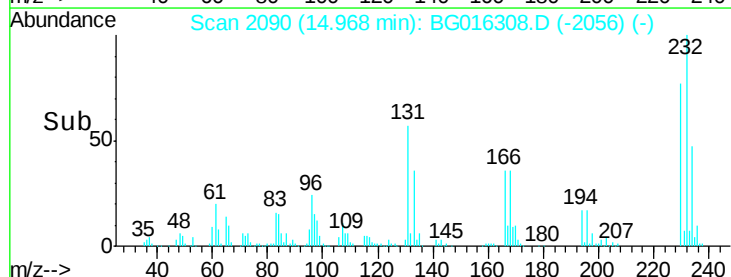
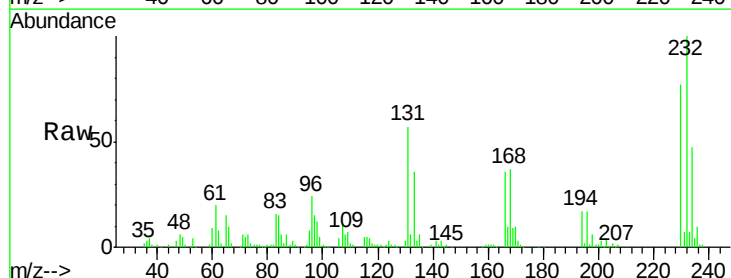
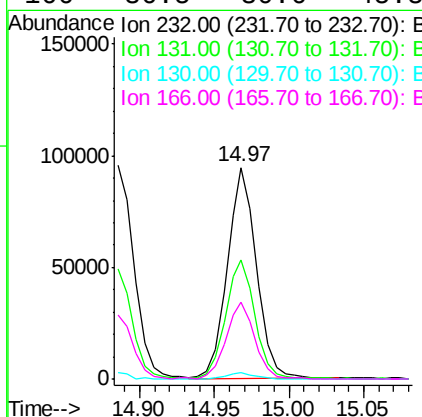
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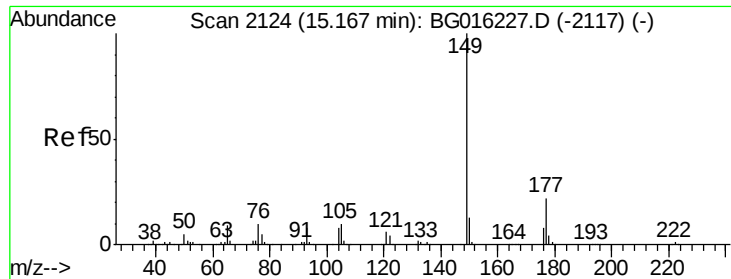
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.35 ng
 RT: 14.97 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion:	232	Resp:	128364
Ion Ratio	Lower	Upper	
232	100		
131	57.3	49.8	74.6
130	3.0	2.6	3.8
166	36.5	30.6	45.8





#59

Diethylphthalate

Concen: 40.62 ng

RT: 15.17 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

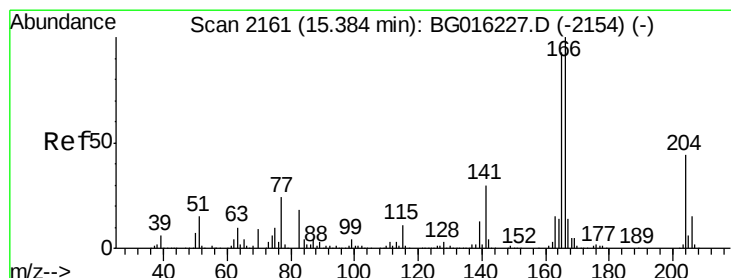
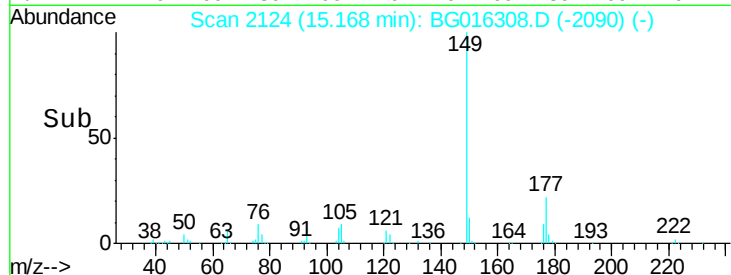
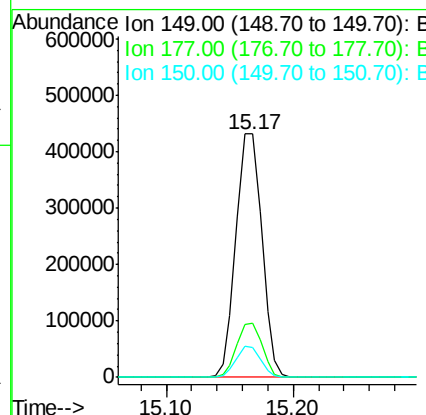
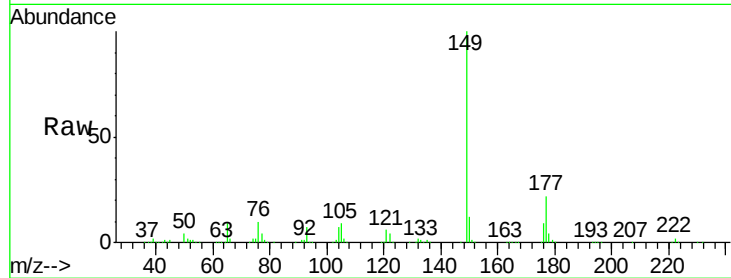
ClientSampled :

PB82581BS

Tot Ion:	149	Resp:	611028
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.7	26.5
150	12.1	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 42.46 ng

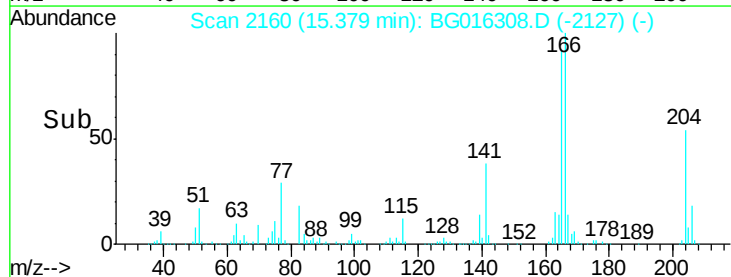
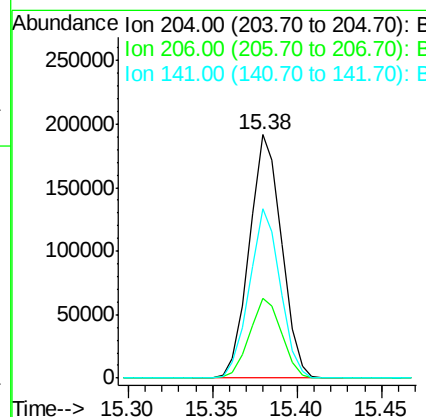
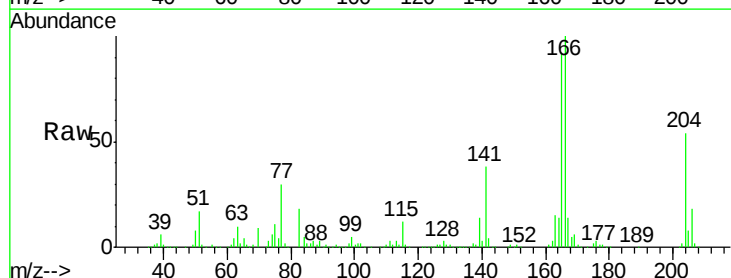
RT: 15.38 min Scan# 2160

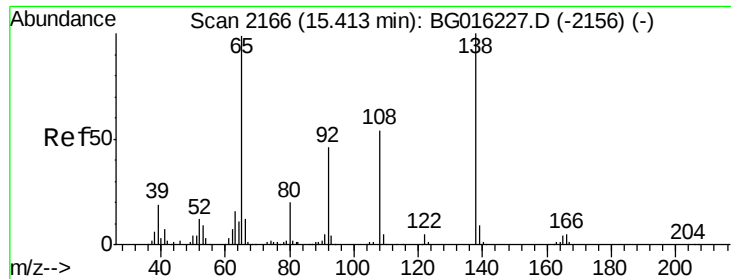
Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Tgt Ion:	204	Resp:	254575
Ion Ratio	Lower	Upper	
204	100		
206	32.6	27.6	41.4
141	69.7	55.4	83.2





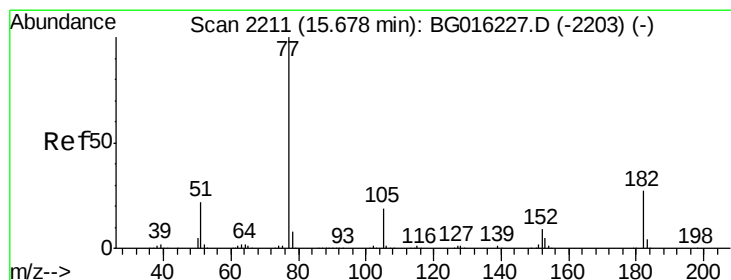
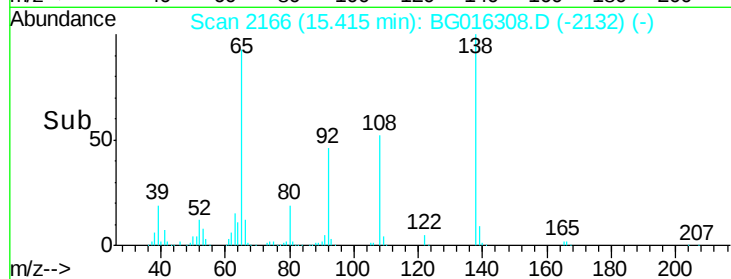
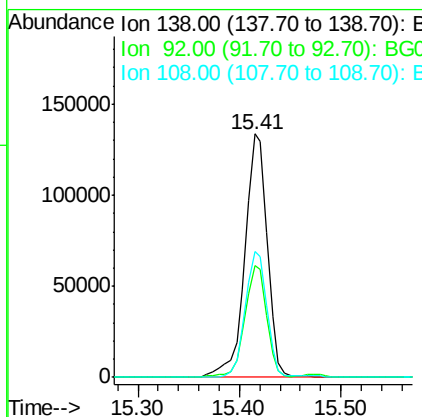
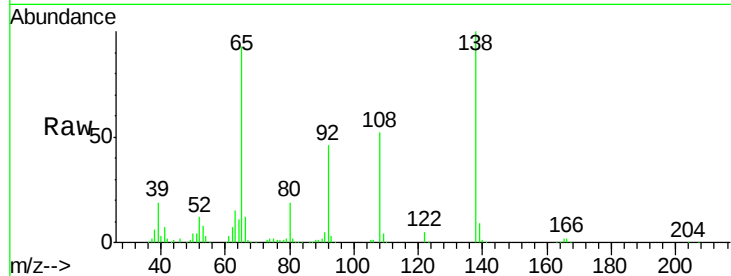
#61
4-Nitroaniline
Concen: 41.45 ng
RT: 15.41 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	205358		
92	45.9	26.3	66.3	
108	51.8	33.6	73.6	

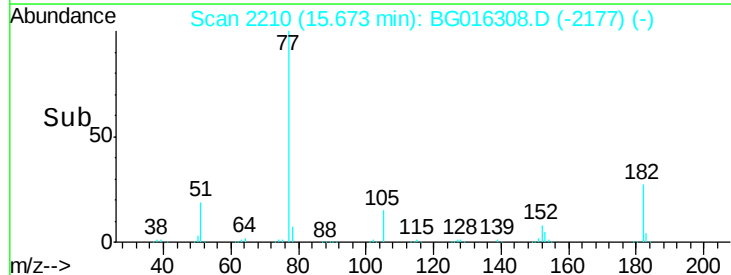
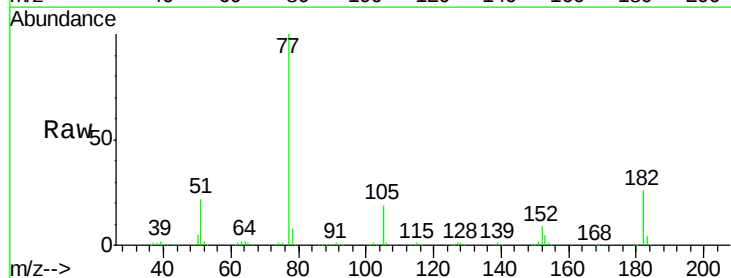
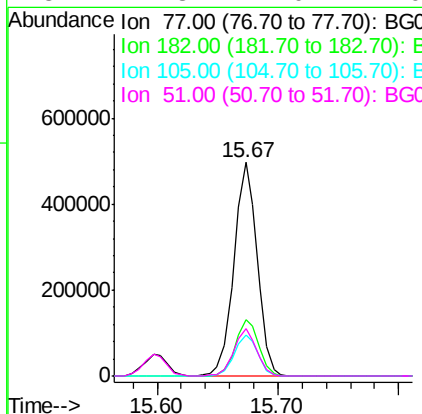
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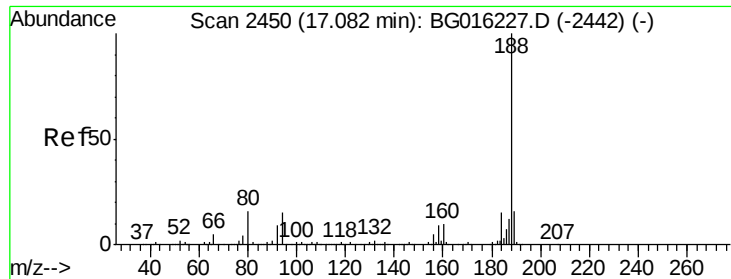
apatel
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#62
Azobenzene
Concen: 41.44 ng
RT: 15.67 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	663522		
182	26.4	6.6	46.6	
105	19.3	0.0	39.2	
51	22.3	2.0	42.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

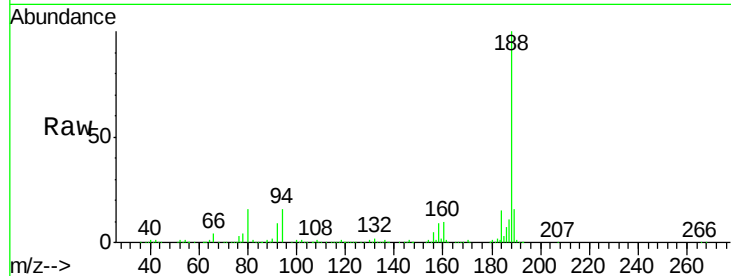
ClientSampleId :

PB82581BS

Tot Ion:	188	Resp:	402458
Ion Ratio	Lower	Upper	
188	100		
94	15.6	12.2	18.4
80	15.8	12.8	19.2

Manual Integrations
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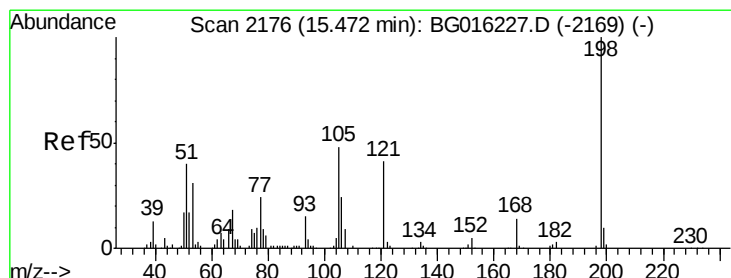
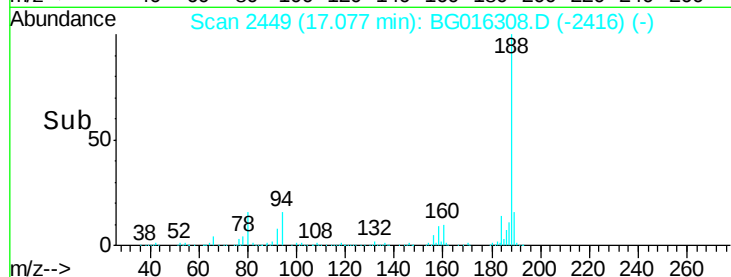
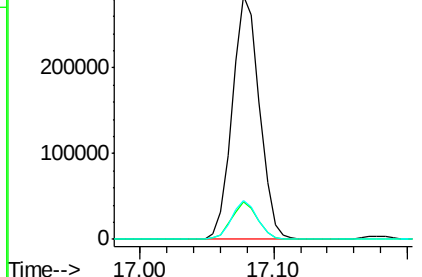
apatel
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 37.60 ng

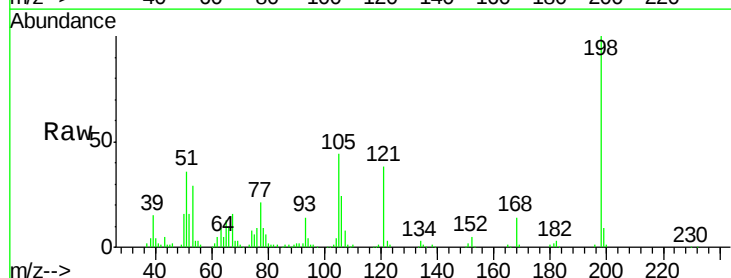
RT: 15.47 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

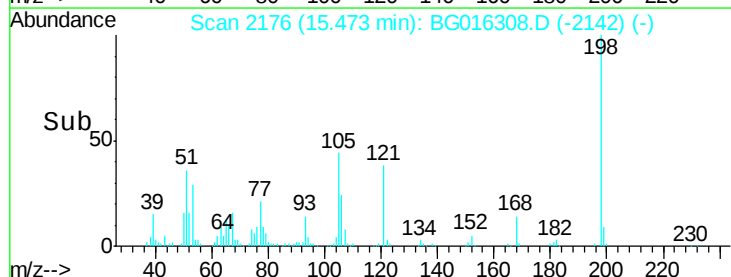
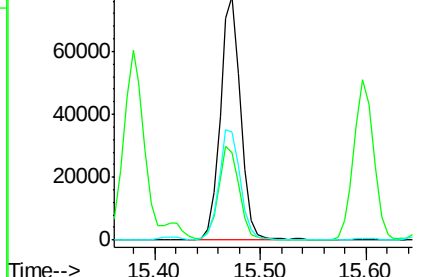
Tgt Ion:	198	Resp:	103926
Ion Ratio	Lower	Upper	
198	100		
51	35.9	20.7	60.7
105	44.1	28.8	68.8

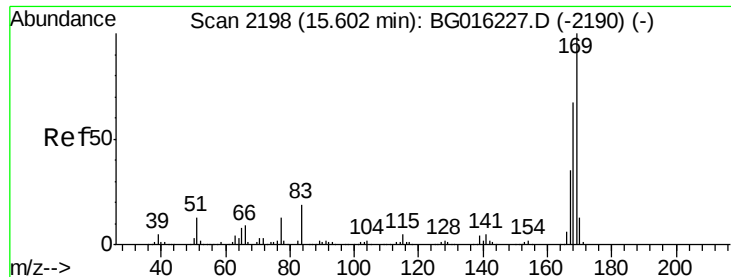


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





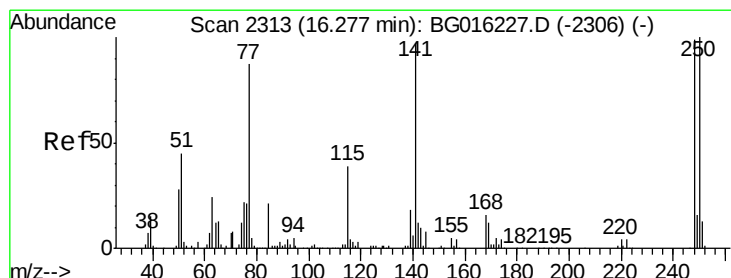
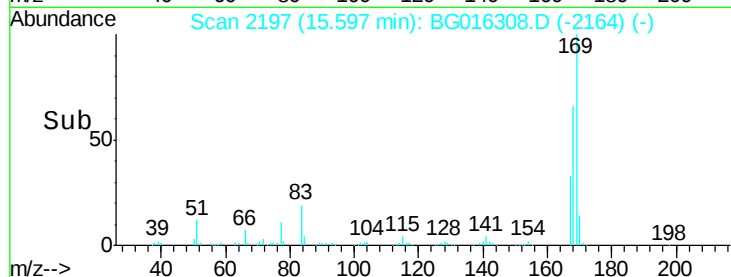
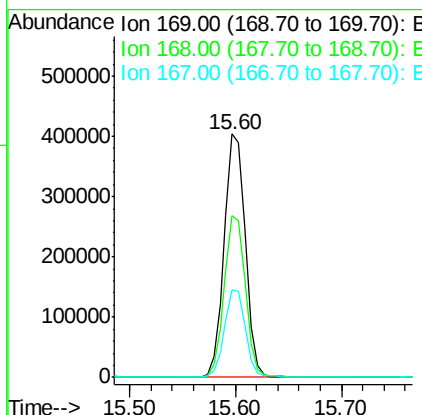
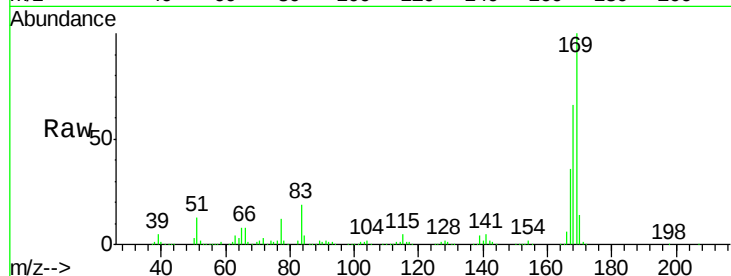
#65
 n-Nitrosodiphenylamine
 Concen: 41.14 ng
 RT: 15.60 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	559782		
168	66.2		53.4	80.0
167	35.8		28.3	42.5

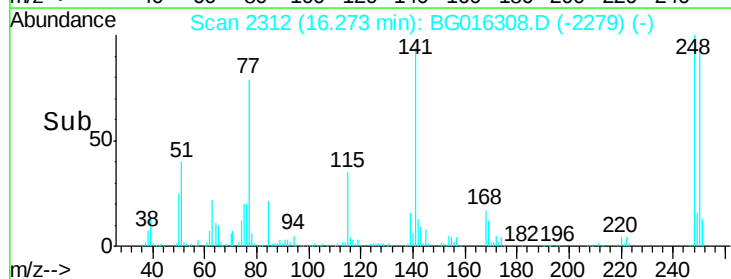
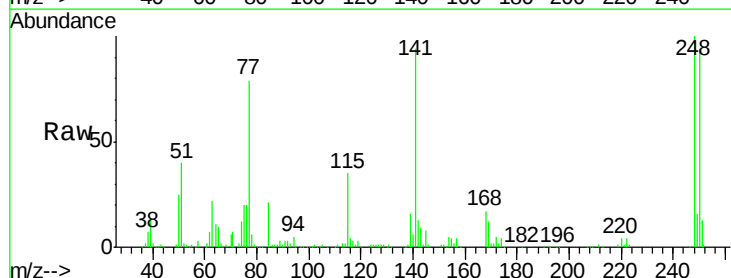
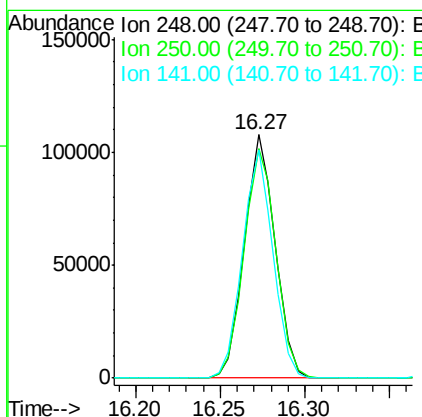
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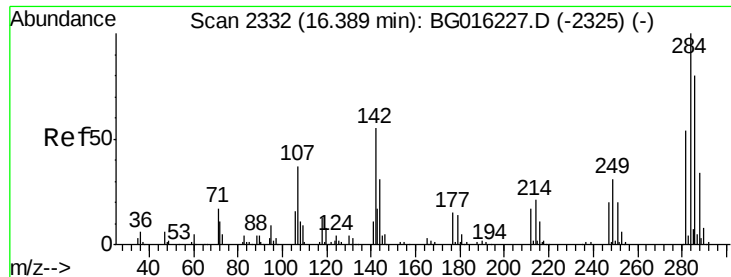
apatel
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#66
 4-Bromophenyl-phenylether
 Concen: 42.46 ng
 RT: 16.27 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	136448		
250	94.4		80.5	120.7
141	93.7		78.2	117.4





#67

Hexachlorobenzene

Concen: 41.57 ng

RT: 16.39 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

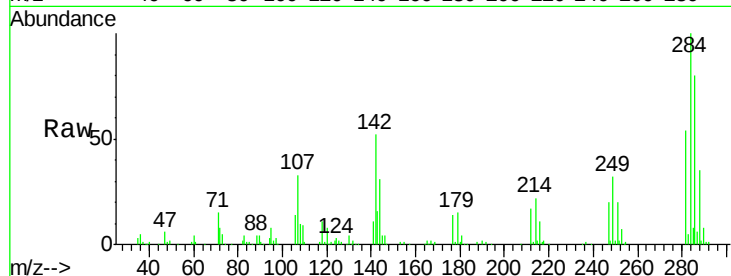
ClientSampleId :

PB82581BS

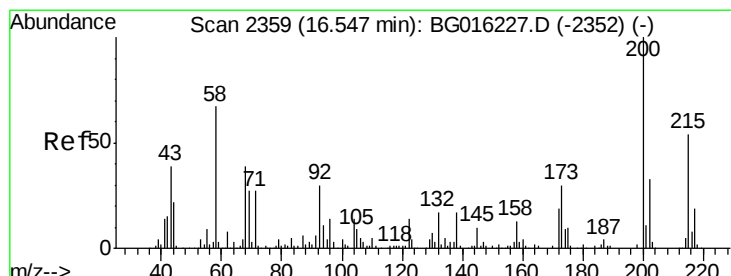
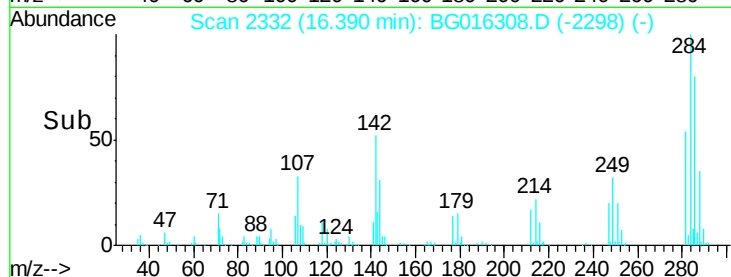
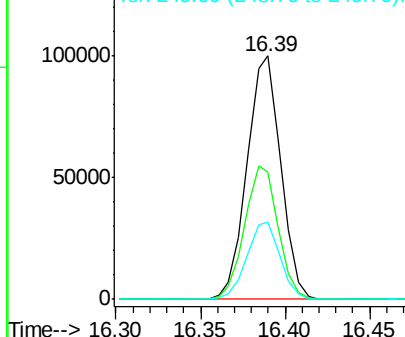
Tot Ion:	284	Resp:	138839
Ion Ratio	Lower	Upper	
284	100		
142	52.0	44.2	66.2
249	32.0	24.8	37.2

Manual Integrations
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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: 46.21 ng

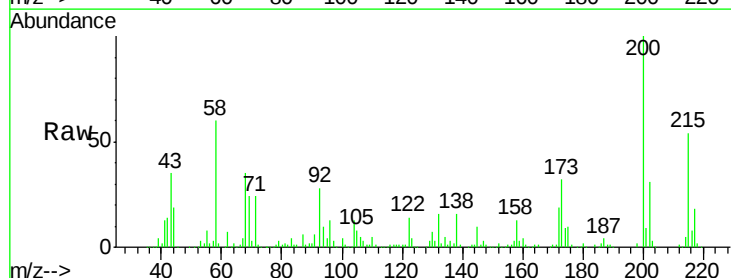
RT: 16.55 min Scan# 2359

Delta R.T. 0.00 min

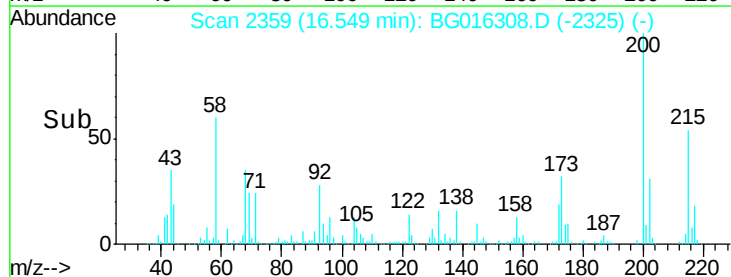
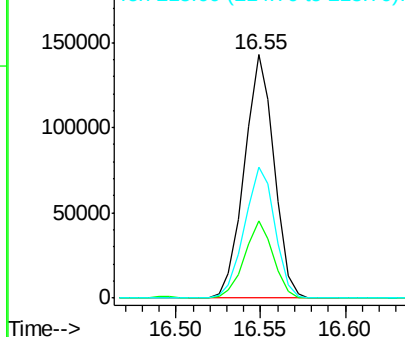
Lab File: BG016308.D

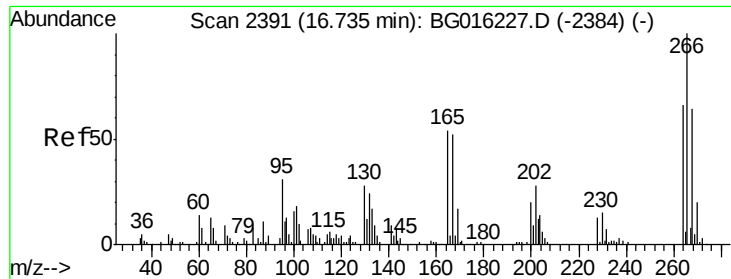
Acq: 10 Apr 2015 3:12

Tgt Ion:	200	Resp:	175231
Ion Ratio	Lower	Upper	
200	100		
173	31.5	10.2	50.2
215	54.0	34.4	74.4



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





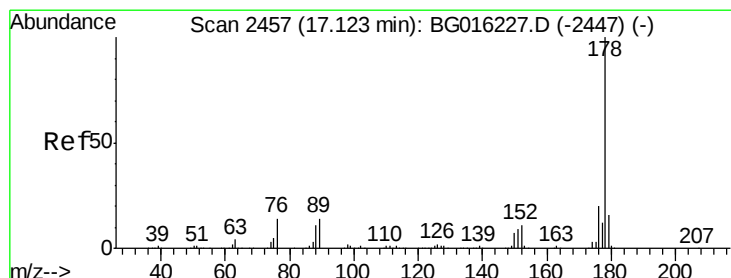
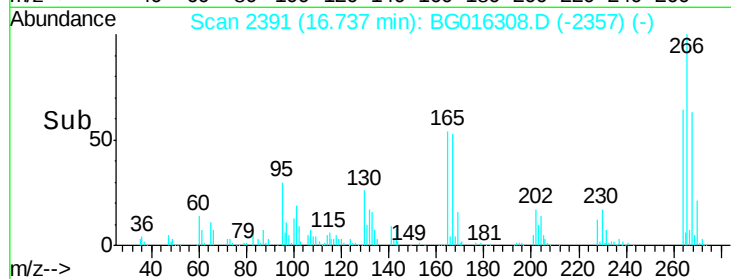
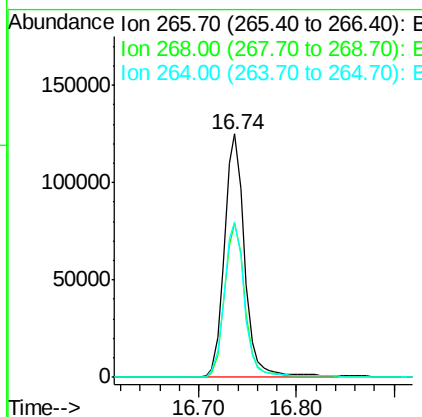
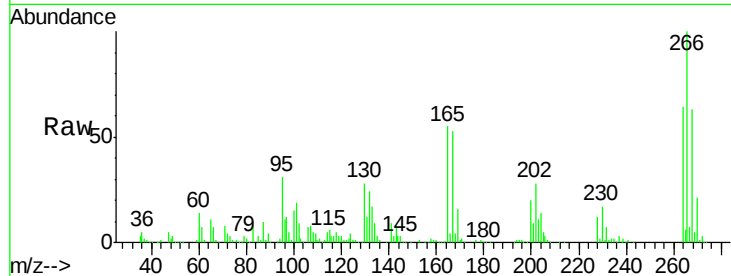
#69
 Pentachlorophenol
 Concen: 88.59 ng
 RT: 16.74 min Scan# 2391
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	180674		
268	63.2	50.9	76.3	
264	63.6	52.8	79.2	

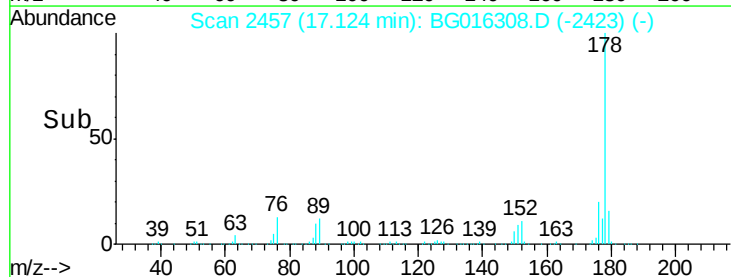
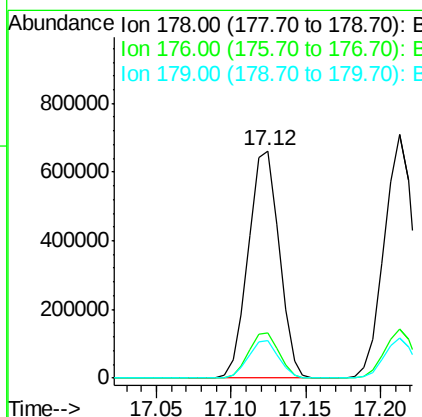
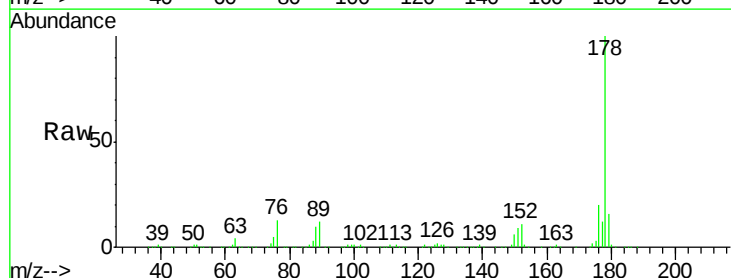
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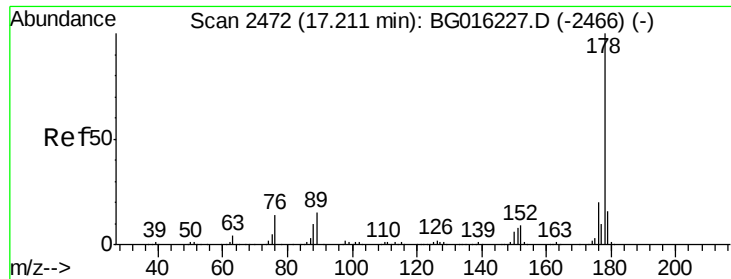
apatel
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#70
 Phenanthrene
 Concen: 41.78 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	945730		
176	20.1	16.2	24.4	
179	16.4	12.7	19.1	





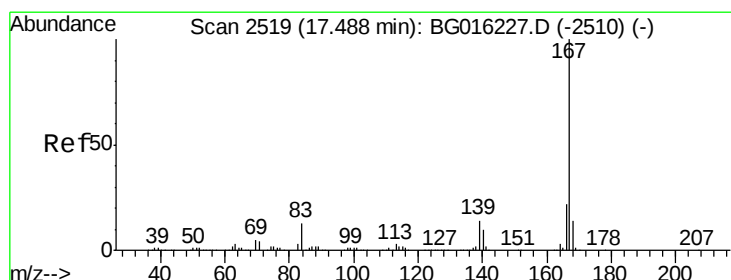
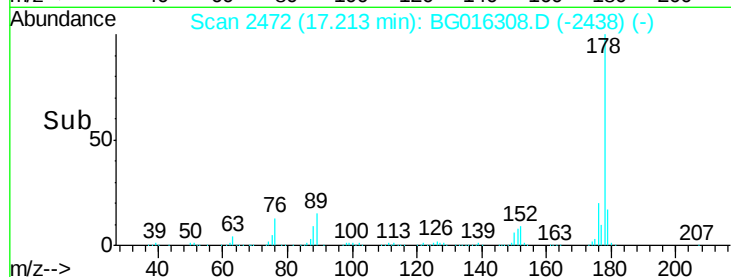
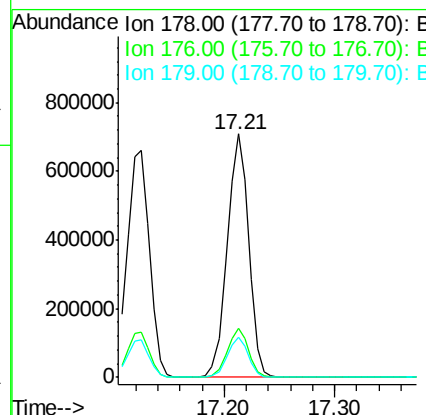
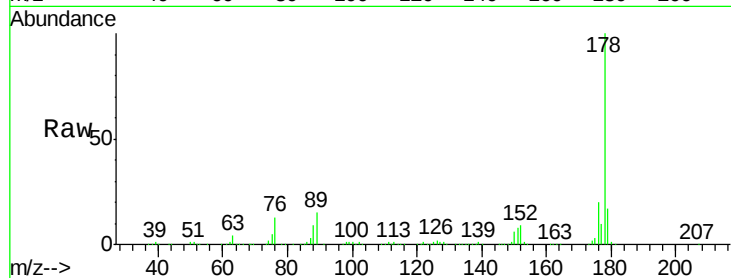
#71
 Anthracene
 Concen: 42.97 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.6	13.0	19.6

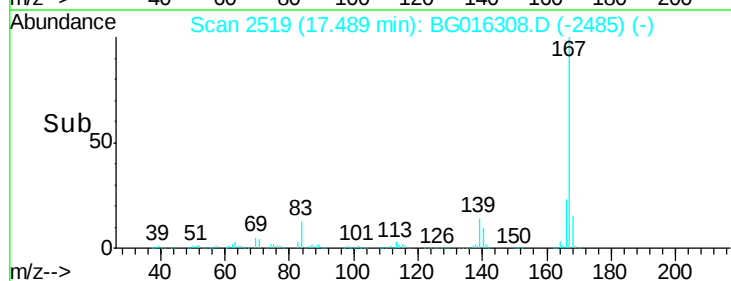
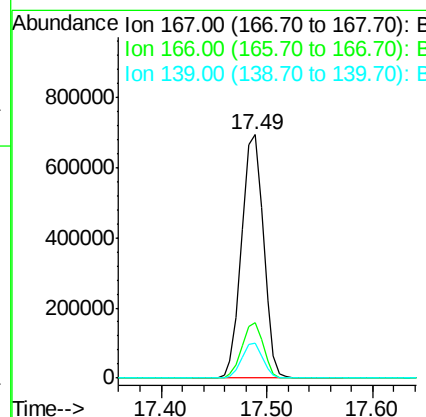
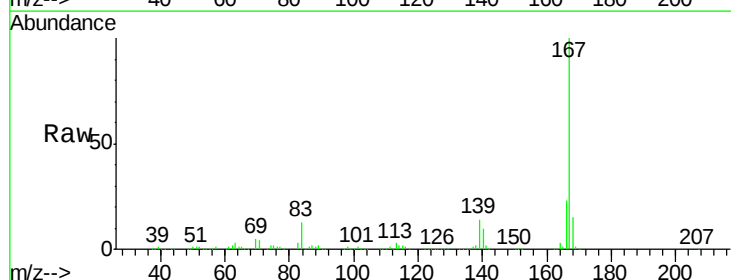
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#72
 Carbazole
 Concen: 43.97 ng
 RT: 17.49 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	14.2	11.5	17.3





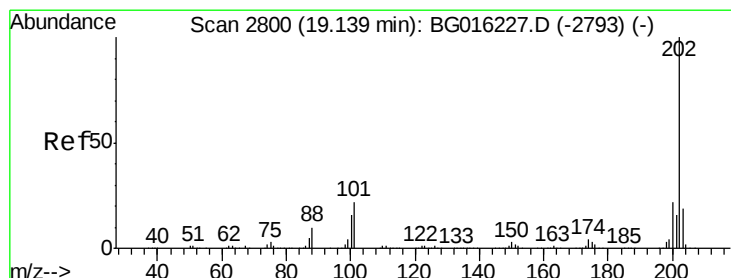
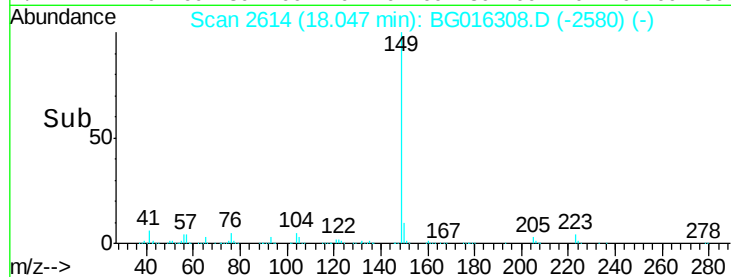
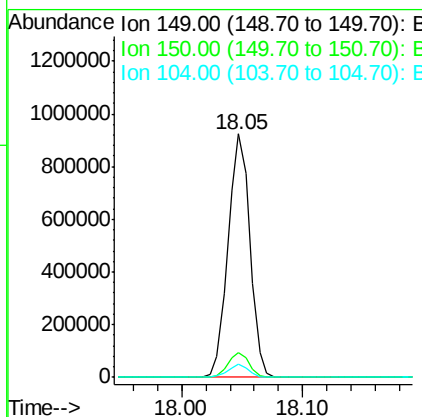
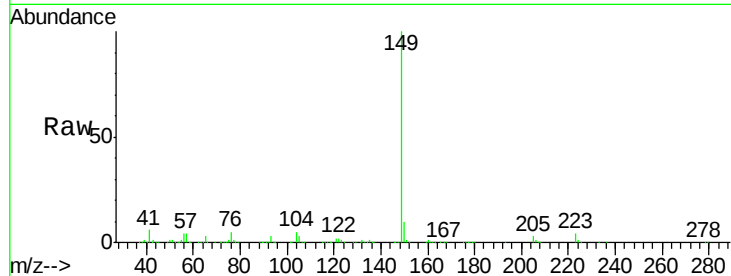
#73
Di-n-butylphthalate
Concen: 42.22 ng
RT: 18.05 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion:149 Resp: 1163168
Ion Ratio Lower Upper
149 100
150 10.2 8.2 12.4
104 5.2 4.0 6.0

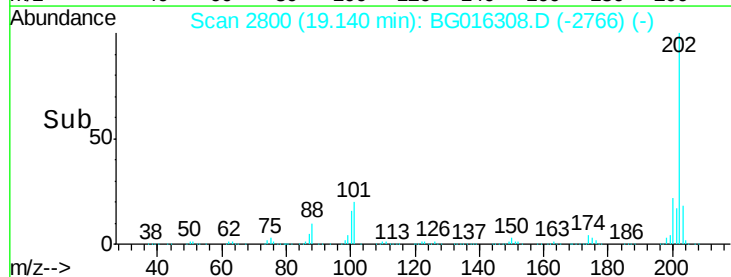
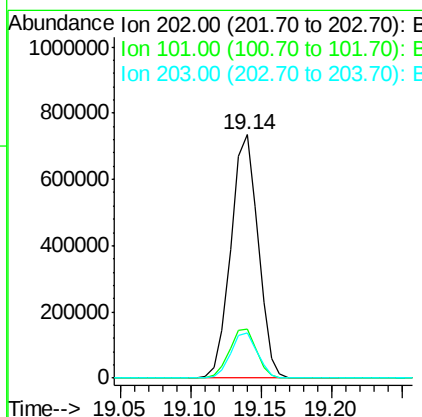
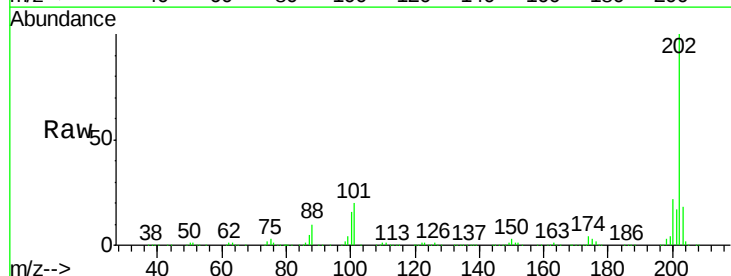
Manual Integrations
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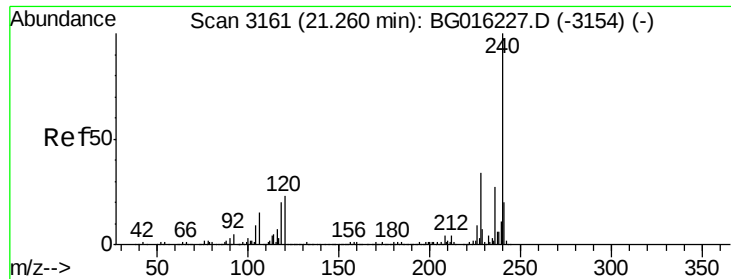
apatel
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#74
Fluoranthene
Concen: 42.35 ng
RT: 19.14 min Scan# 2800
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion:202 Resp: 988177
Ion Ratio Lower Upper
202 100
101 20.0 1.7 41.7
203 18.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

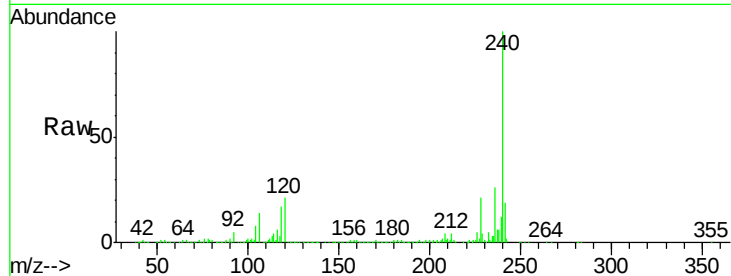
ClientSampleId :

PB82581BS

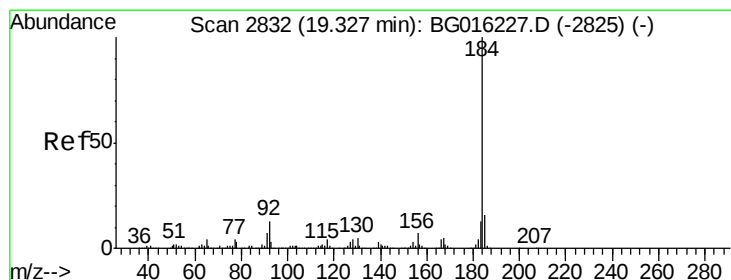
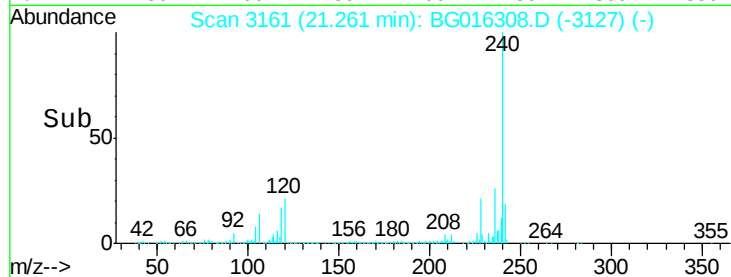
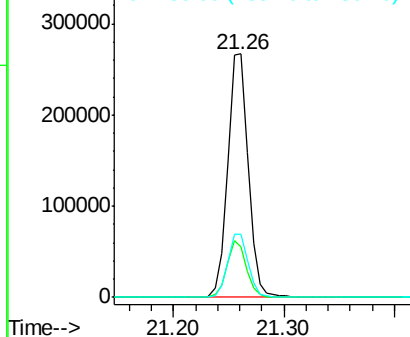
Tot Ion:	240	Resp:	348546
Ion Ratio	Lower	Upper	
240	100		
120	20.6	18.6	28.0
236	26.2	21.7	32.5

Manual Integrations
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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: 22.05 ng

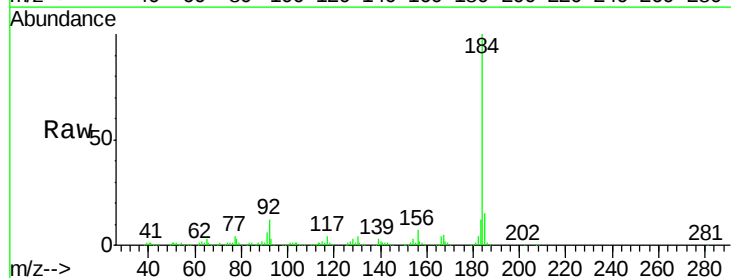
RT: 19.33 min Scan# 2832

Delta R.T. 0.00 min

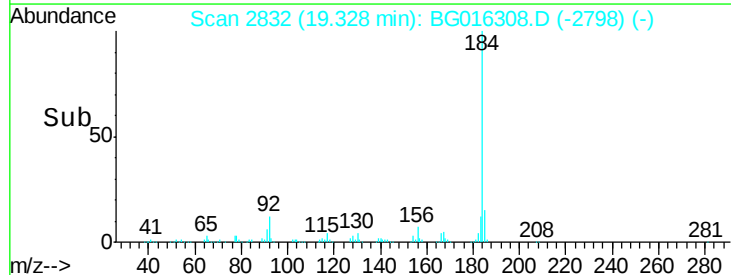
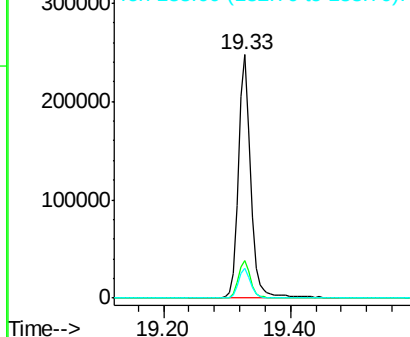
Lab File: BG016308.D

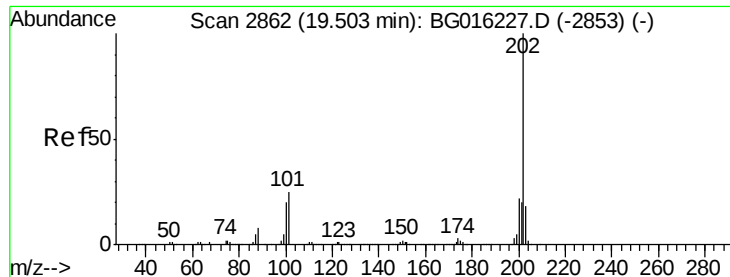
Acq: 10 Apr 2015 3:12

Tgt Ion:	184	Resp:	325987
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	19.0
183	12.3	10.4	15.6



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: 41.95 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

ClientSampleId :

PB82581BS

Tot Ion:202 Resp: 1018089

Ion Ratio Lower Upper

202 100

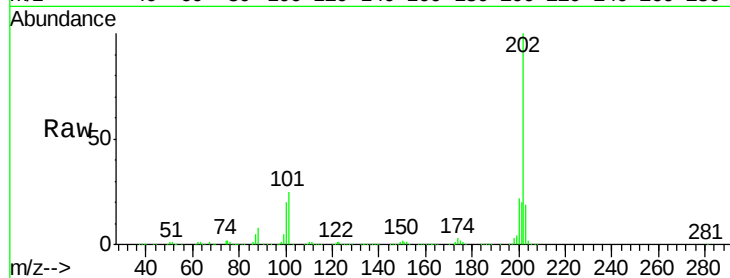
200 22.1 17.8 26.8

203 19.0 14.7 22.1

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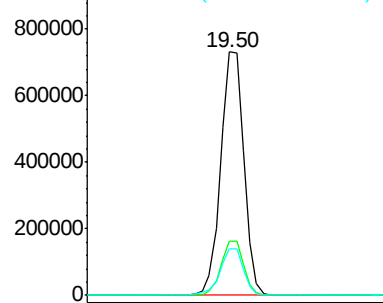
4/10/2015 5:15:26 PM



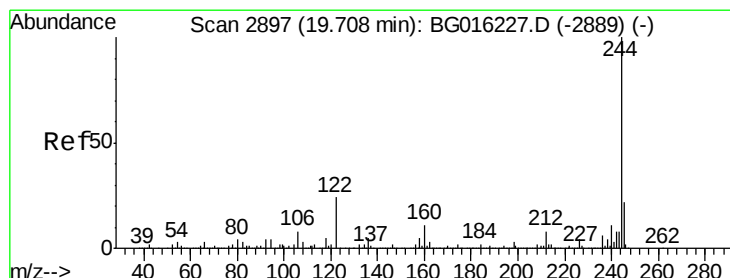
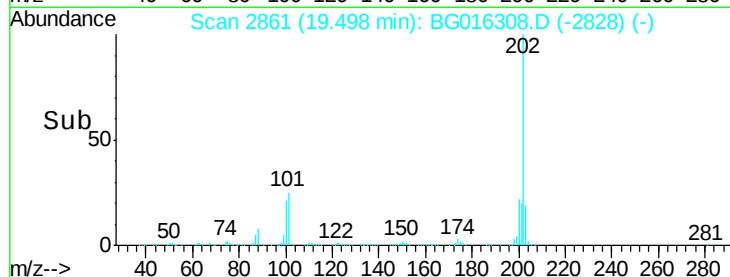
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 79.92 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

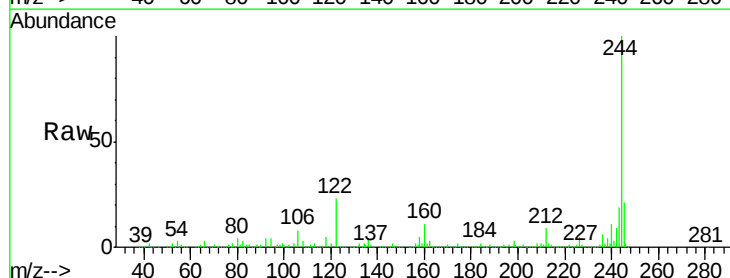
Tgt Ion:244 Resp: 1190234

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

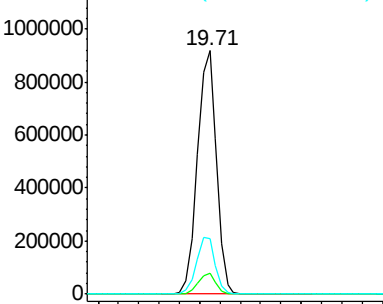
122 22.9 19.1 28.7



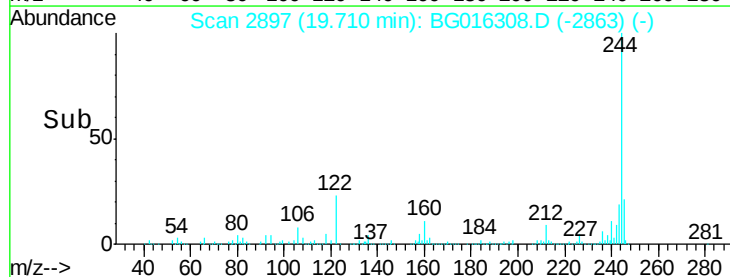
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





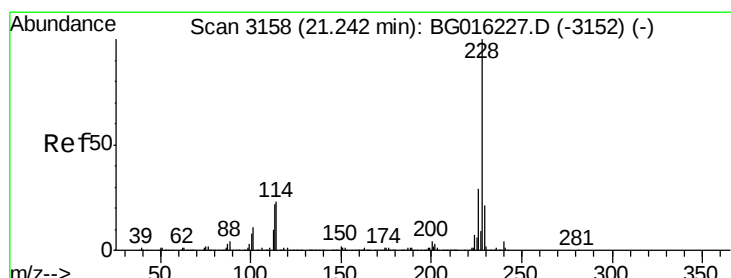
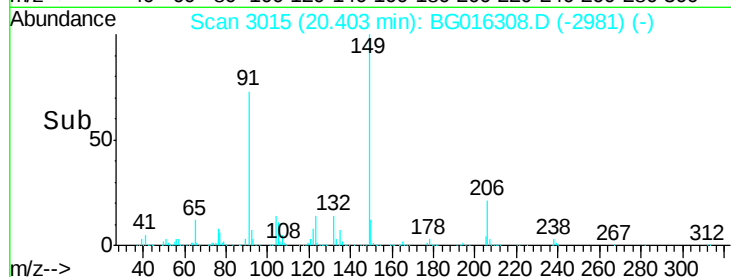
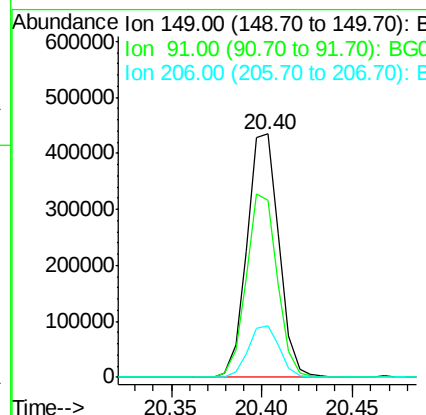
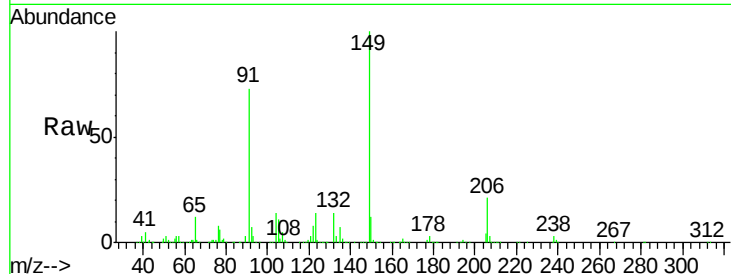
#79
Butylbenzylphthalate
Concen: 44.54 ng
RT: 20.40 min Scan# 3015
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Tot Ion:	149	Resp:	531101
Ion Ratio	Lower	Upper	
149	100		
91	72.6	59.4	89.2
206	21.4	15.6	23.4

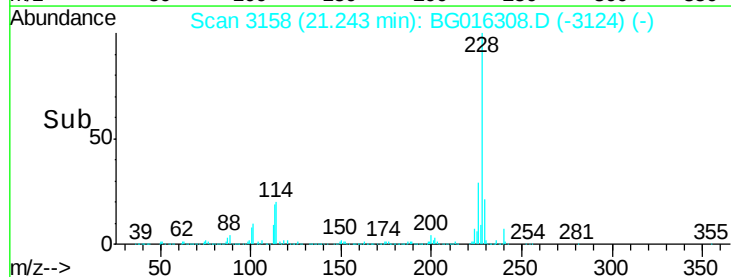
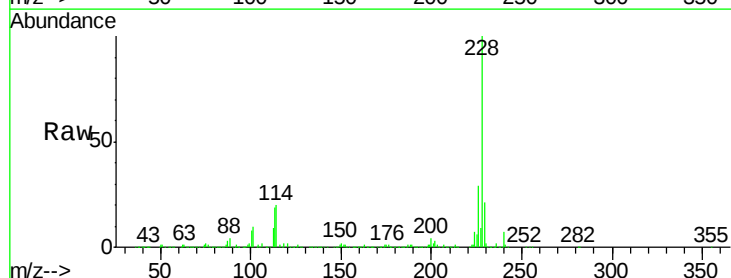
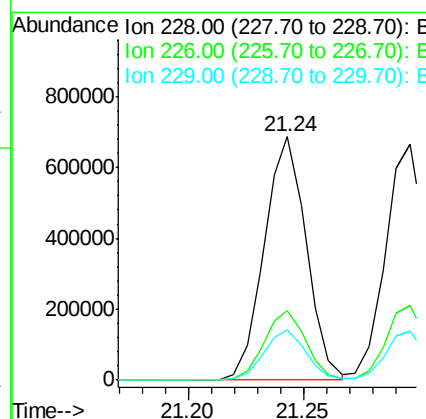
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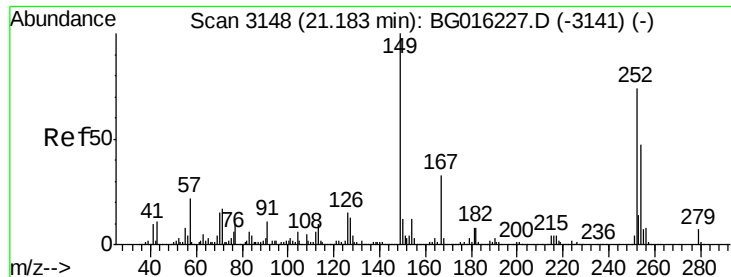
apatel
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#80
Benzo(a)anthracene
Concen: 42.13 ng
RT: 21.24 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion:	228	Resp:	867763
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.5	35.3
229	20.7	16.8	25.2





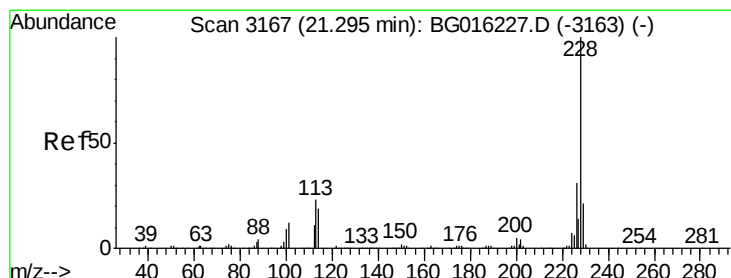
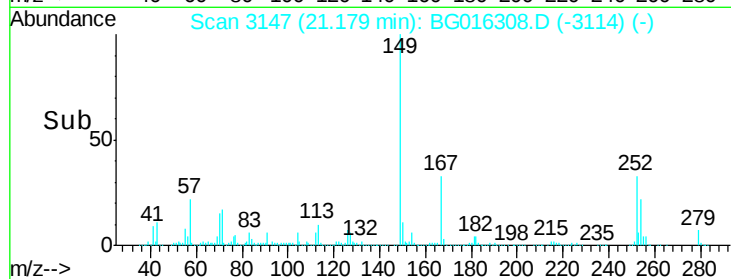
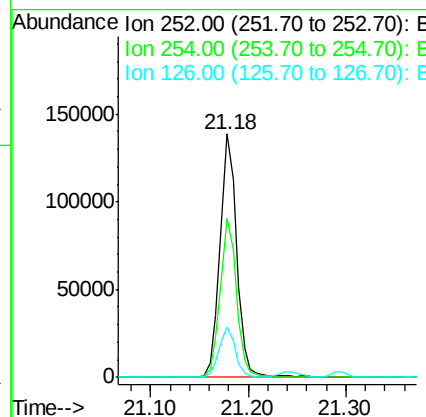
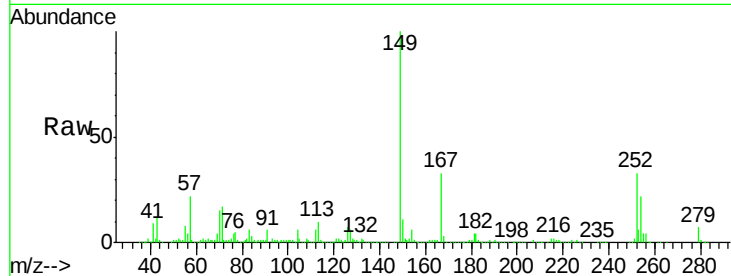
#81
 3,3'-Dichlorobenzidine
 Concen: 24.69 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82581BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	167250		
254	65.6	50.8	76.2	
126	20.7	16.0	24.0	

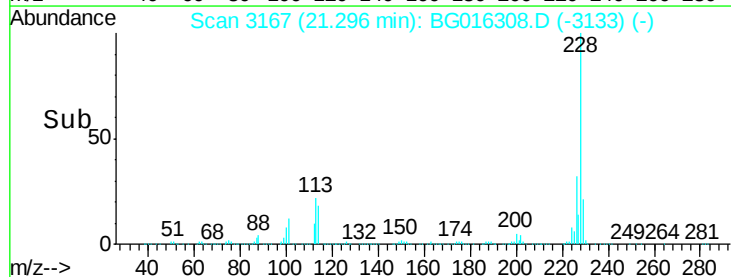
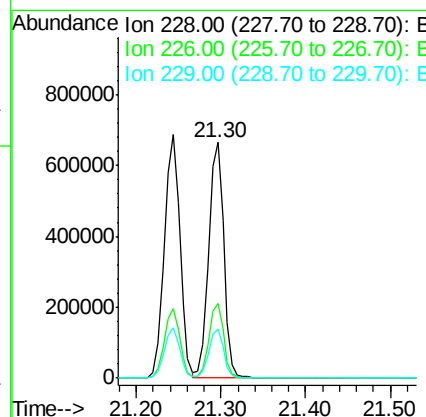
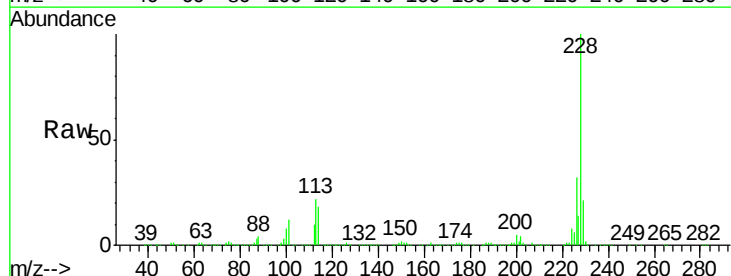
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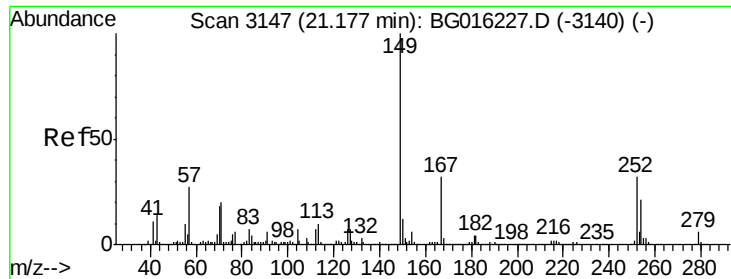
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#82
 Chrysene
 Concen: 41.82 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG016308.D
 Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	831655		
226	31.8	25.0	37.4	
229	21.0	17.0	25.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.09 ng

RT: 21.17 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

ClientSampleId :

PB82581BS

Tot Ion:149 Resp: 711678

Ion Ratio Lower Upper

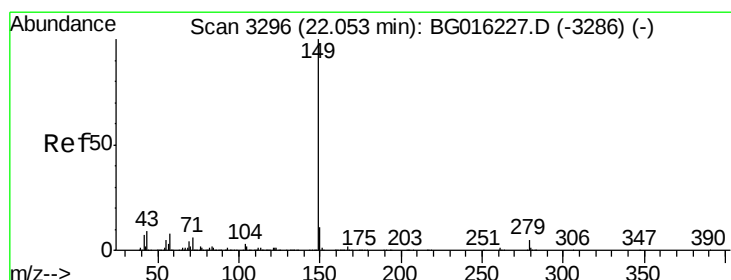
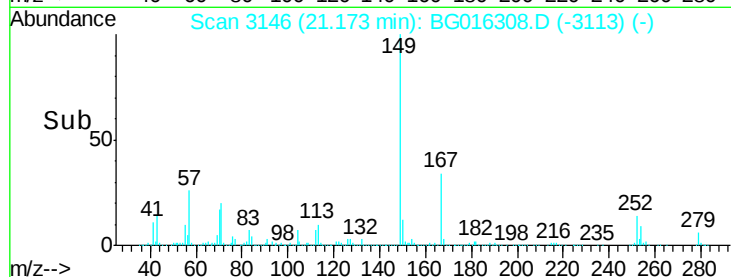
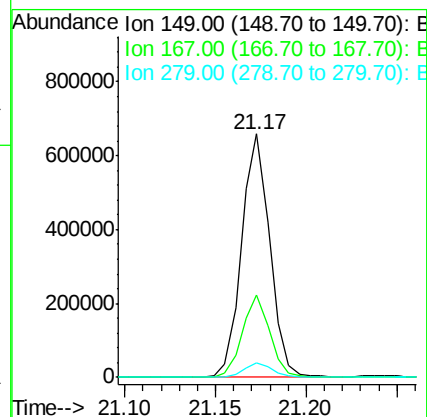
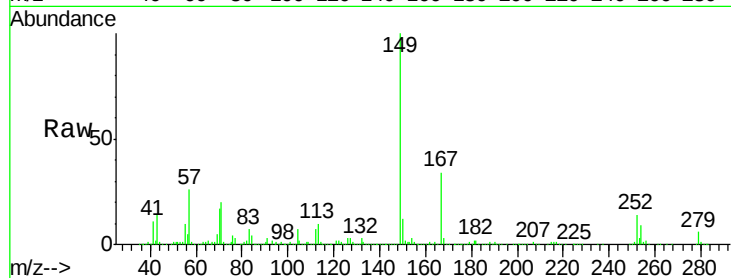
149 100

167 34.1 25.8 38.6

279 6.0 4.7 7.1

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#84

Di-n-octyl phthalate

Concen: 45.76 ng

RT: 22.05 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

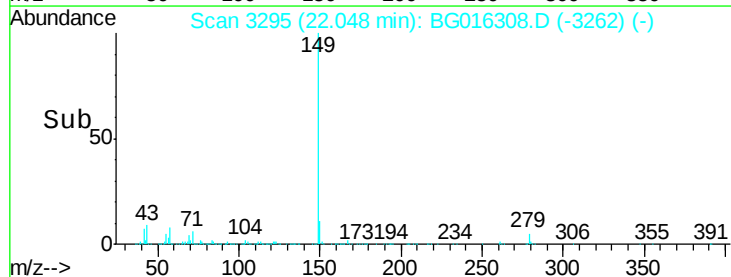
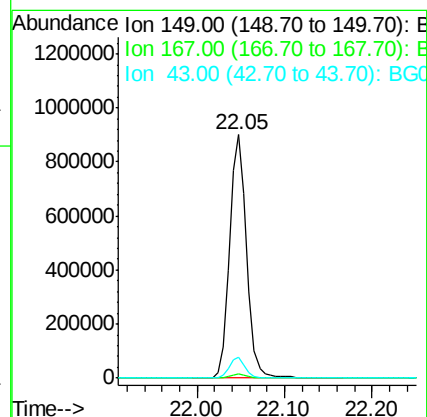
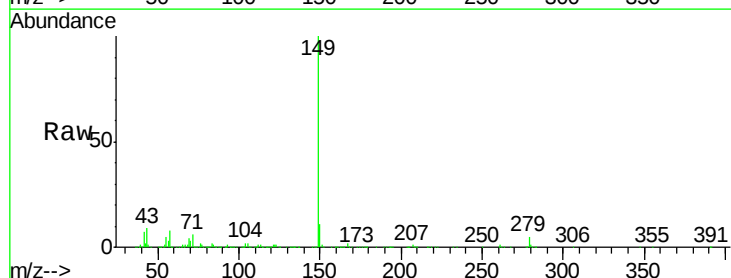
Tgt Ion:149 Resp: 1203369

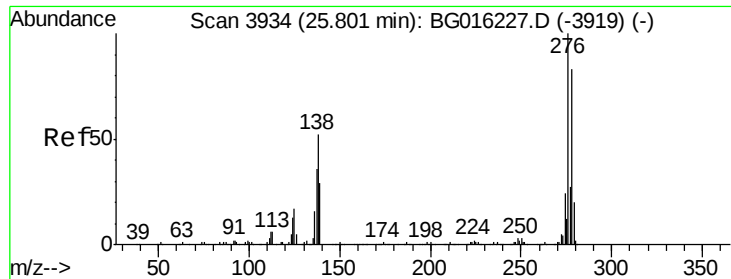
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.2 7.0 10.4





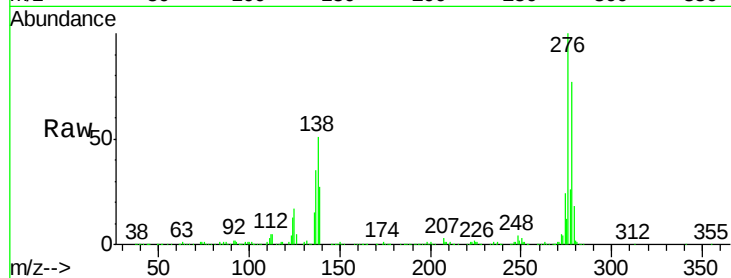
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.82 ng
RT: 25.80 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

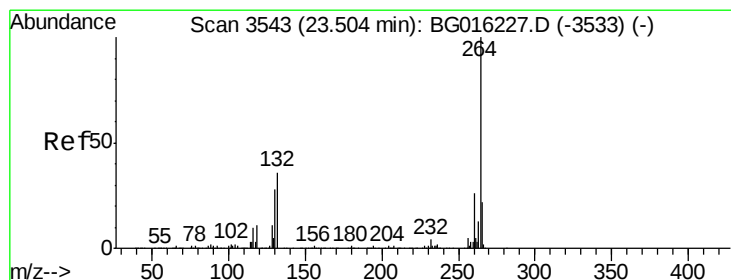
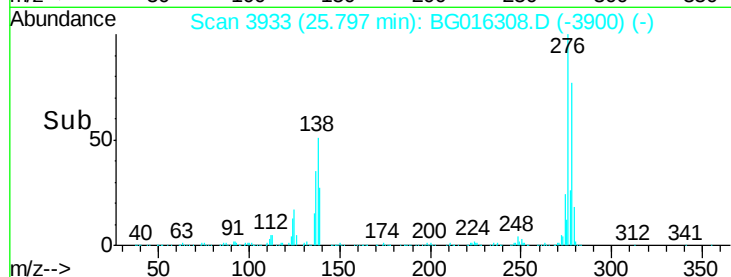
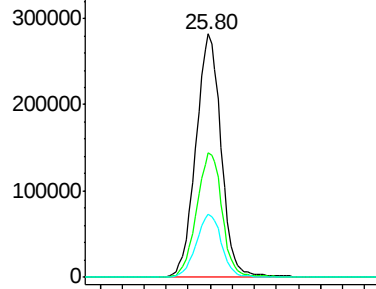
Tot Ion	Ratio	Lower	Upper
276	100		
138	51.7	41.5	62.3
277	26.0	21.0	31.6

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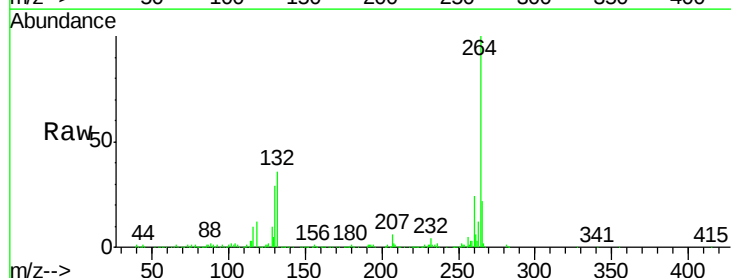


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

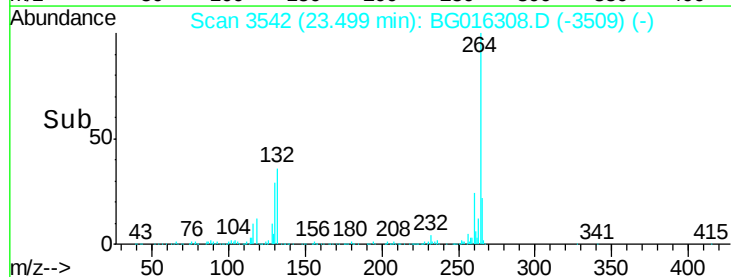
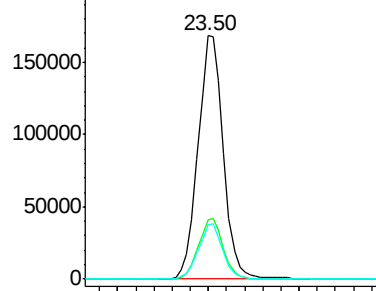


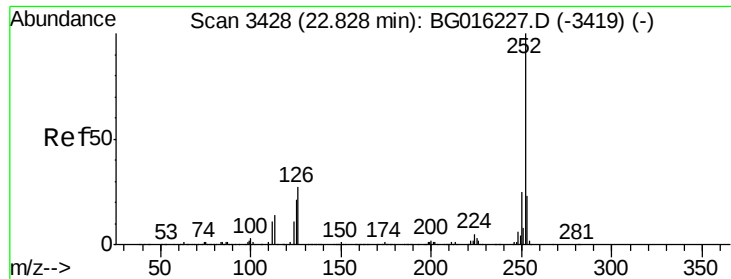
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	22.1	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.34 ng

RT: 22.83 min Scan# 3428

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

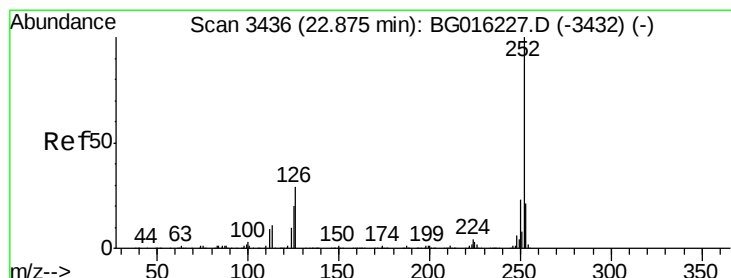
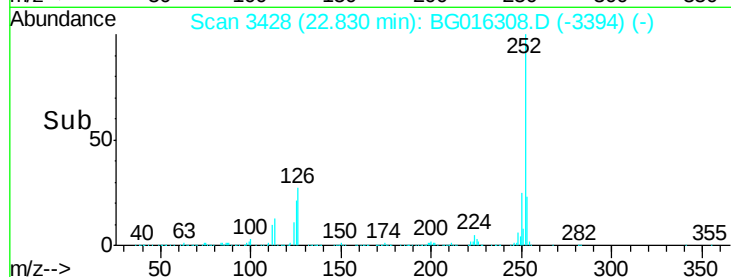
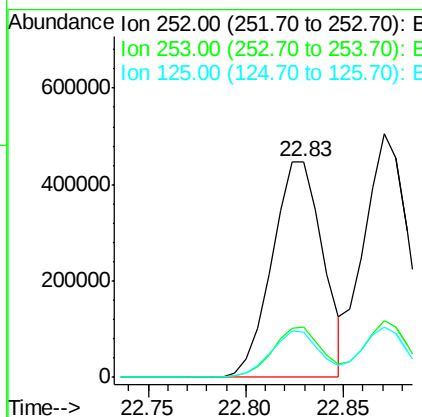
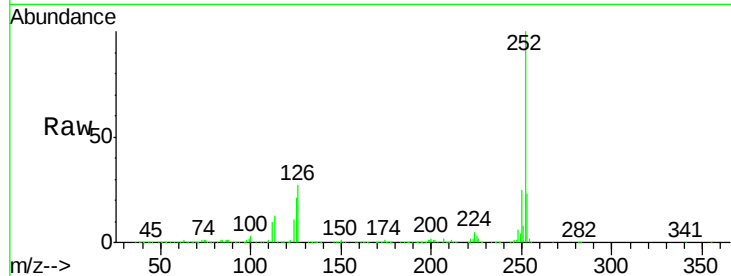
ClientSampleId :

PB82581BS

Tot Ion:	252	Resp:	807841
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.5	27.7
125	20.8	17.0	25.6

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#88

Benzo(k)fluoranthene

Concen: 43.83 ng

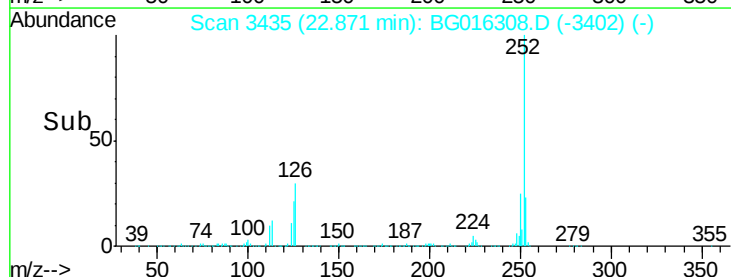
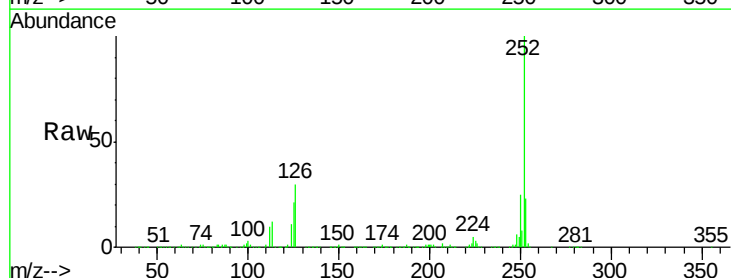
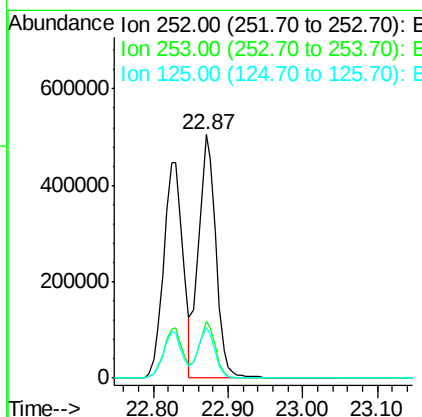
RT: 22.87 min Scan# 3435

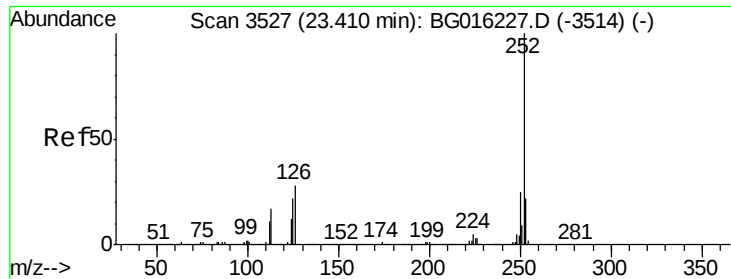
Delta R.T. -0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Tgt Ion:	252	Resp:	818378
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	20.8	16.3	24.5





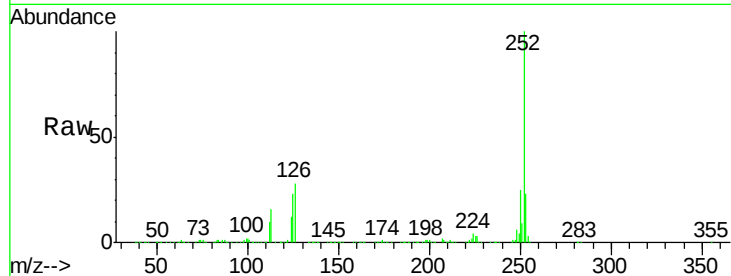
#89
Benzo(a)pyrene
Concen: 44.57 ng
RT: 23.41 min Scan# 3526
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PB82581BS

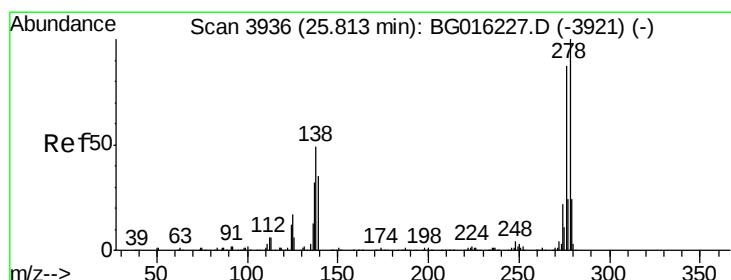
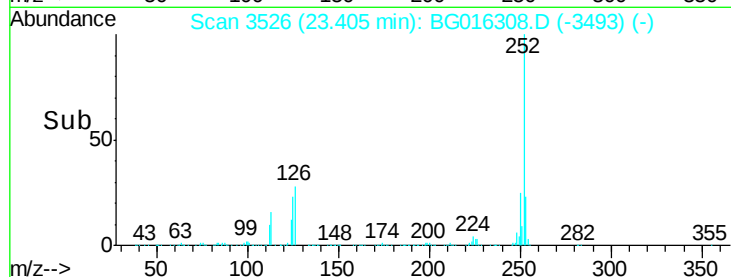
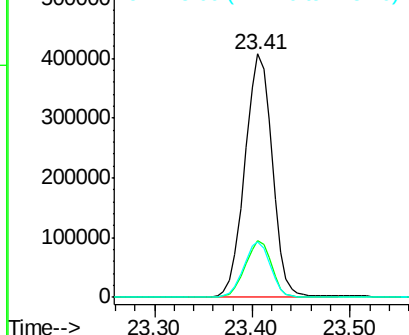
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	23.0	17.6	26.4

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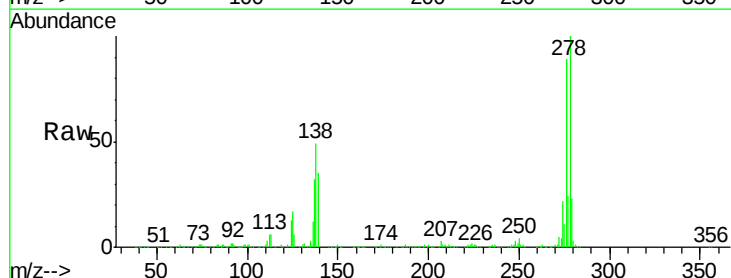


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

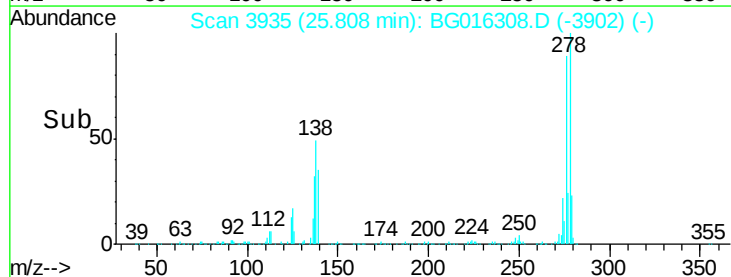
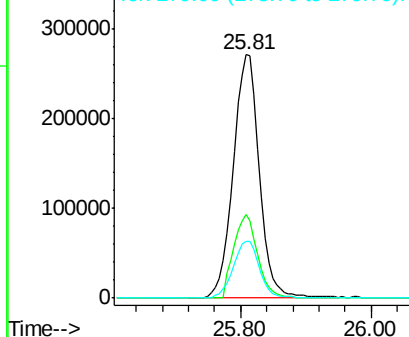


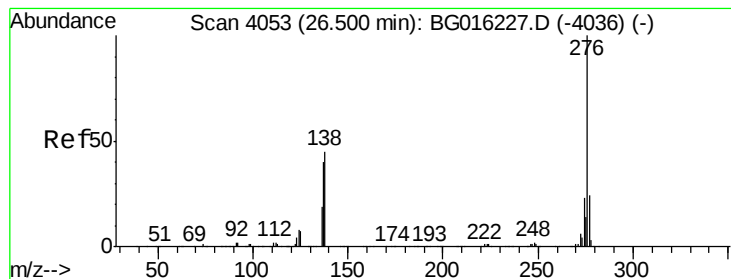
#90
Dibenzo(a,h)anthracene
Concen: 43.31 ng
RT: 25.81 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG016308.D
Acq: 10 Apr 2015 3:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.5	27.9	41.9
279	23.4	19.5	29.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.77 ng

RT: 26.50 min Scan# 4053

Delta R.T. 0.00 min

Lab File: BG016308.D

Acq: 10 Apr 2015 3:12

Instrument :

BNA_G

ClientSampleId :

PB82581BS

Tot Ion:	276	Resp:	760771
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.5	29.3
138	43.7	35.7	53.5

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