

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016674.D
 Acq On : 24 Apr 2015 5:33
 Operator : TP/IZ
 Sample : G1950-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Manual Integrations
 APPROVED

apatel
 4/24/2015 3:30:07 PM

Quant Time: Apr 24 06:55:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 04:29:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	54681	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	230222	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	131105	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	286178	20.00	ng	0.00
75) Chrysene-d12	21.18	240	270810	20.00	ng	0.00
86) Perylene-d12	23.39	264	245861	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	518941	154.00	ng	0.00
7) Phenol-d6	6.80	99	717037	151.68	ng	0.00
23) Nitrobenzene-d5	8.76	82	353089	96.91	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	150696	154.94	ng	0.00
44) 2-Fluorobiphenyl	12.87	172	788737	96.66	ng	0.00
78) Terphenyl-d14	19.63	244	1010860	85.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	48480	33.21	ng	99
3) Pyridine	3.45	79	129629	31.28	ng	98
4) n-Nitrosodimethylamine	3.38	42	51259	41.92	ng	91
6) Aniline	6.93	93	101557	15.67	ng	99
8) 2-Chlorophenol	7.17	128	192716	46.27	ng	99
9) Benzaldehyde	6.74	77	19710	10.21	ng	89
10) Phenol	6.82	94	243846	48.94	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	166658	42.85	ng	96
12) 1,3-Dichlorobenzene	7.48	146	175066	40.65	ng	99
13) 1,4-Dichlorobenzene	7.63	146	180450	40.98	ng	98
14) 1,2-Dichlorobenzene	7.95	146	175512	41.76	ng	99
15) Benzyl Alcohol	7.85	79	134871	45.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	158629	43.57	ng	99
17) 2-Methylphenol	8.06	107	158028	47.44	ng	99
18) Hexachloroethane	8.66	117	64296	41.42	ng	99
19) n-Nitroso-di-n-propylamine	8.40	70	118346	40.16	ng	98
20) 3+4-Methylphenols	8.39	107	214422	45.78	ng	97
22) Acetophenone	8.42	105	235130	46.53	ng	# 99
24) Nitrobenzene	8.80	77	171021	44.70	ng	99
25) Isophorone	9.32	82	332638	44.05	ng	99
26) 2-Nitrophenol	9.50	139	103075	46.43	ng	97
27) 2,4-Dimethylphenol	9.58	122	185948	50.15	ng	97
28) bis(2-Chloroethoxy)methane	9.80	93	205628	45.13	ng	97
29) 2,4-Dichlorophenol	10.05	162	162269	51.49	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	146722	43.93	ng	99
31) Naphthalene	10.43	128	538799	44.39	ng	99
32) Benzoic acid	9.73	122	50521	29.36	ng	97
33) 4-Chloroaniline	10.56	127	68007	12.16	ng	97
34) Hexachlorobutadiene	10.71	225	64406	43.17	ng	99
35) Caprolactam	11.32	113	82947m	48.82	ng	
36) 4-Chloro-3-methylphenol	11.71	107	178854	48.81	ng	98
37) 2-Methylnaphthalene	12.05	142	392015	44.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	138292	44.28	ng	99
40) Hexachlorocyclopentadiene	12.41	237	103710	85.15	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	110592	48.46	nq	98
43) 2,4,5-Trichlorophenol	12.76	196	121625	50.36	nq	98
45) 1,1'-Biphenyl	13.08	154	481908	46.80	nq	99
46) 2-Chloronaphthalene	13.12	162	361422	45.66	nq	100
47) 2-Nitroaniline	13.33	65	104684	48.49	nq	95
48) Acenaphthylene	13.97	152	624923	45.08	nq	98
49) Dimethylphthalate	13.72	163	482727	49.22	nq	99
50) 2,6-Dinitrotoluene	13.84	165	112634	46.80	nq	97
51) Acenaphthene	14.32	154	378561	45.50	nq	98
52) 3-Nitroaniline	14.17	138	64887	22.31	nq	99
53) 2,4-Dinitrophenol	14.39	184	98861	75.97	nq	98
54) Dibenzofuran	14.65	168	547694	46.67	nq	99
55) 4-Nitrophenol	14.52	139	237602	109.01	nq	95
56) 2,4-Dinitrotoluene	14.63	165	159098	48.26	nq	98
57) Fluorene	15.30	166	479617	46.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	90274	49.40	nq	98
59) Diethylphthalate	15.09	149	473101	46.29	nq	100
60) 4-Chlorophenyl-phenylether	15.30	204	195562	45.65	nq	99
61) 4-Nitroaniline	15.34	138	132312	41.12	nq	98
62) Azobenzene	15.59	77	459031	49.17	nq	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	77182	39.86	nq	99
65) n-Nitrosodiphenylamine	15.51	169	426629	43.48	nq	100
66) 4-Bromophenyl-phenylether	16.19	248	105445	44.09	nq	99
67) Hexachlorobenzene	16.31	284	107632	43.76	nq	96
68) Atrazine	16.47	200	138842	52.71	nq	99
69) Pentachlorophenol	16.66	266	123194	103.16	nq	98
70) Phenanthrene	17.04	178	734480	44.68	nq	98
71) Anthracene	17.13	178	744429	45.52	nq	100
72) Carbazole	17.41	167	785106	47.92	nq	98
73) Di-n-butylphthalate	17.96	149	929843	47.62	nq	99
74) Fluoranthene	19.06	202	811353	46.57	nq	99
76) Benzidine	19.25	184	139986	15.18	nq	99
77) Pyrene	19.42	202	853499	44.86	nq	99
79) Butylbenzylphthalate	20.33	149	449150	47.99	nq	98
80) Benzo(a)anthracene	21.17	228	731505	44.55	nq	99
81) 3,3'-Dichlorobenzidine	21.11	252	117843	22.02	nq	97
82) Chrysene	21.22	228	695094	44.15	nq	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	616211	48.40	nq	99
84) Di-n-octyl phthalate	21.96	149	1015702	47.89	nq	99
85) Indeno(1,2,3-cd)pyrene	25.63	276	756260	44.08	nq	99
87) Benzo(b)fluoranthene	22.72	252	697421	46.70	nq	99
88) Benzo(k)fluoranthene	22.77	252	662858	45.48	nq	99
89) Benzo(a)pyrene	23.29	252	667491	47.43	nq	98
90) Dibenzo(a,h)anthracene	25.64	278	625227	45.69	nq	97
91) Benzo(g,h,i)perylene	26.31	276	640435	46.00	nq	99

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

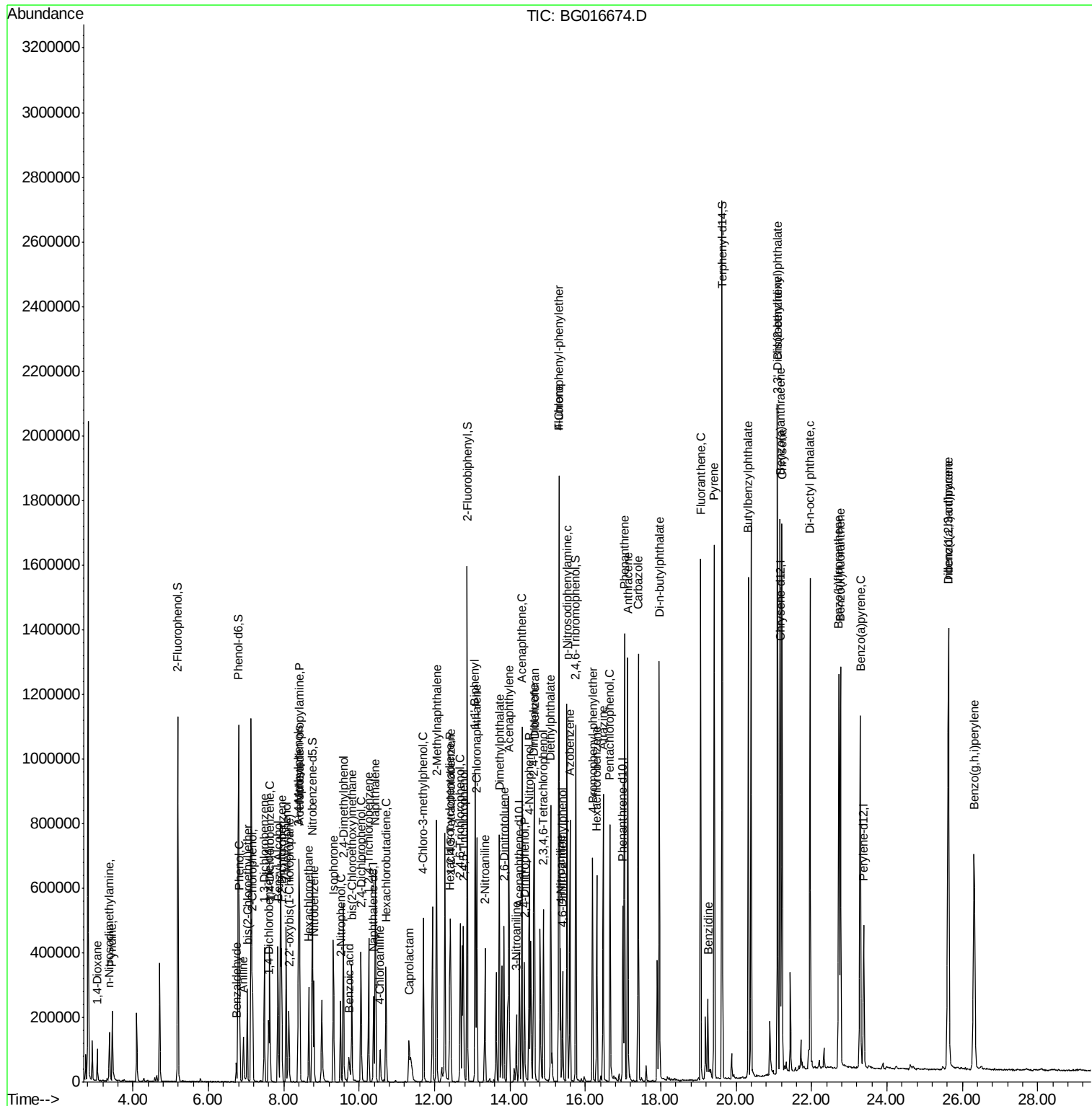
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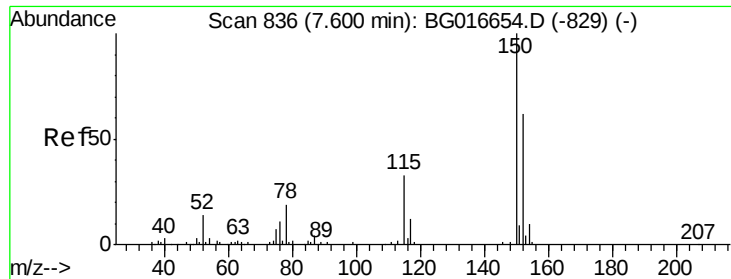
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

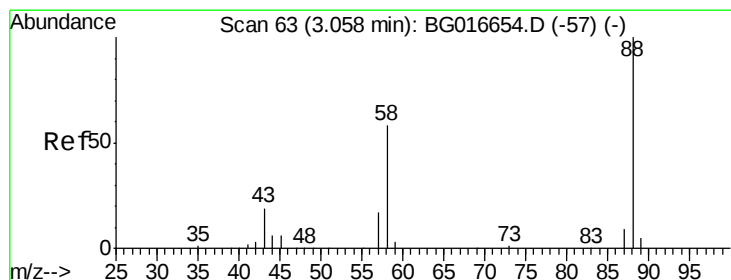
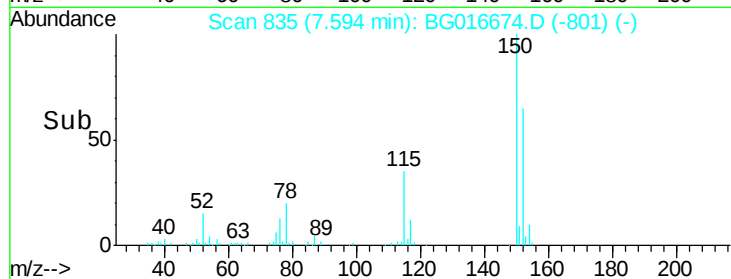
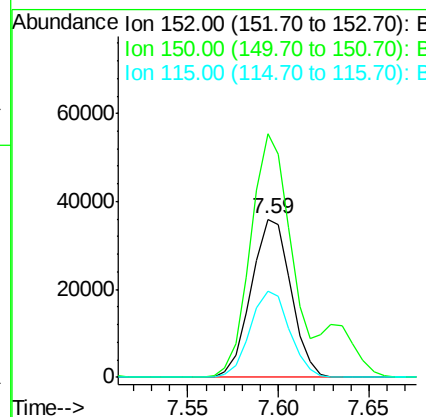
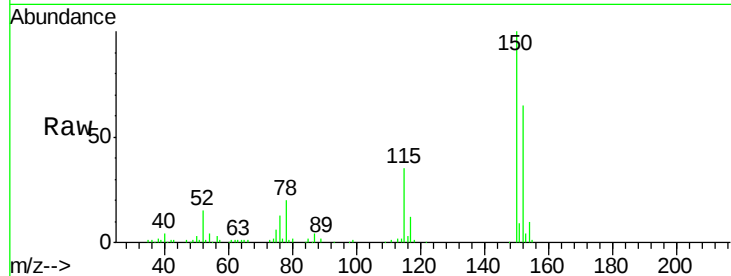
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	152	Resp:	54681
Ion Ratio	Lower	Upper	
152	100		
150	153.7	129.6	194.4
115	54.1	43.0	64.6

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#2

1,4-Dioxane

Concen: 33.21 ng

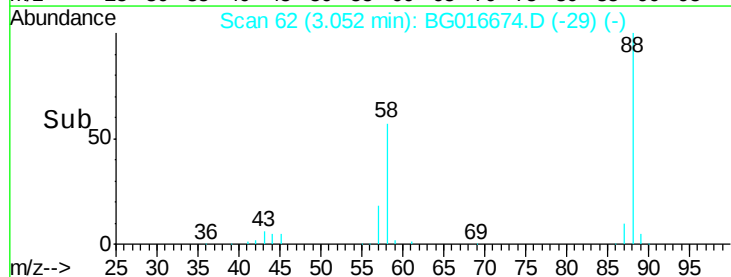
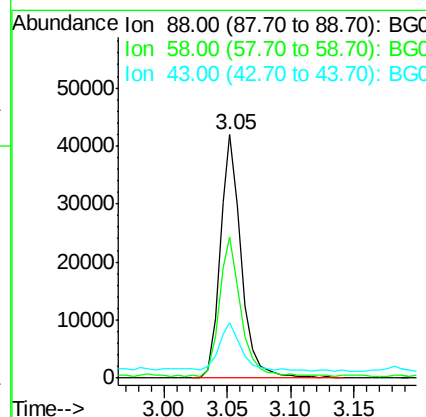
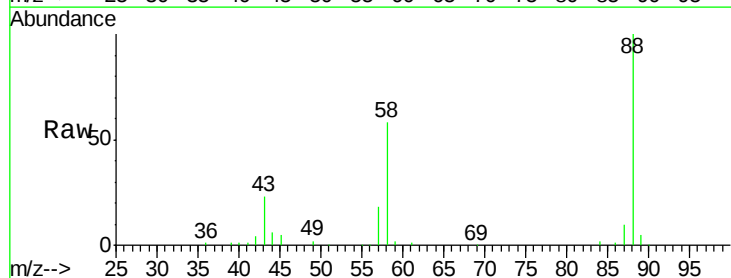
RT: 3.05 min Scan# 62

Delta R.T. -0.01 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	88	Resp:	48480
Ion Ratio	Lower	Upper	
88	100		
58	57.8	46.8	70.2
43	20.1	15.8	23.8





#3

Pvridine

Concen: 31.28 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

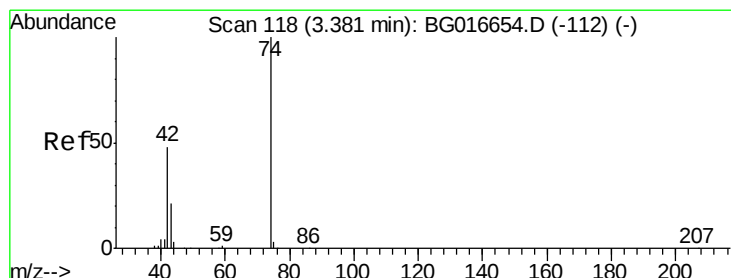
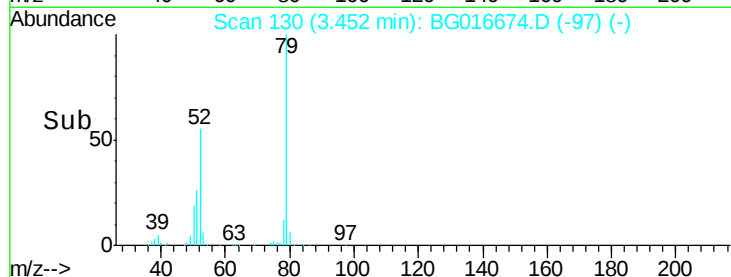
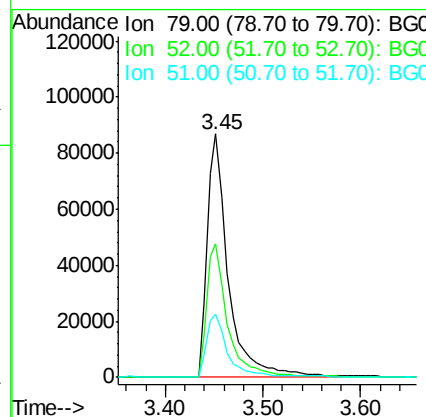
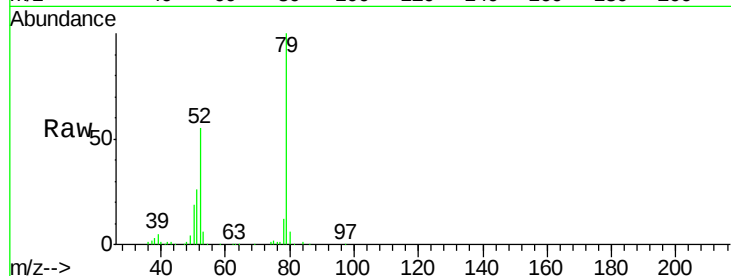
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	79	Resp:	129629
Ion Ratio	Lower	Upper	
79	100		
52	54.9	42.7	64.1
51	26.1	20.5	30.7

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#4

n-Nitrosodimethylamine

Concen: 41.92 ng

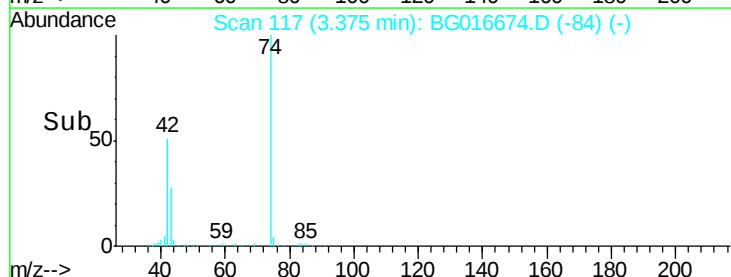
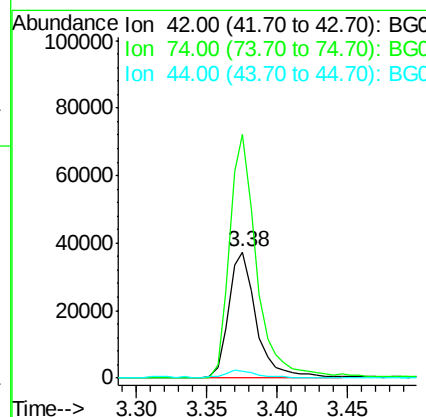
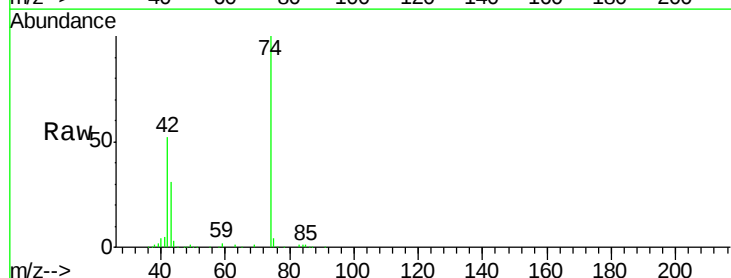
RT: 3.38 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	42	Resp:	51259
Ion Ratio	Lower	Upper	
42	100		
74	193.0	165.6	248.4
44	5.7	5.0	7.6





#5

2-Fluorophenol

Concen: 154.00 ng

RT: 5.19 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

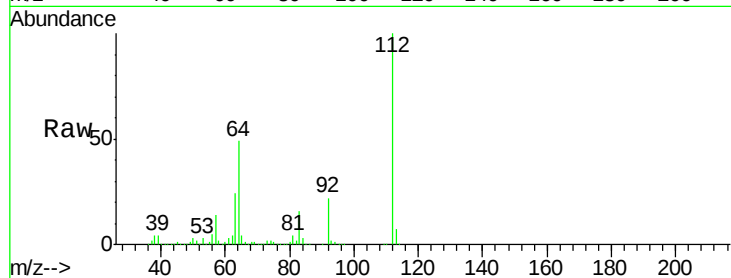
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	112	Resp:	518941
Ion Ratio	Lower	Upper	
112	100		
64	48.8	38.3	57.5
63	24.1	18.9	28.3

Manual Integrations
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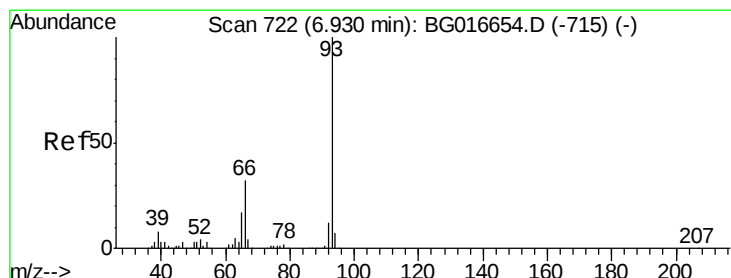
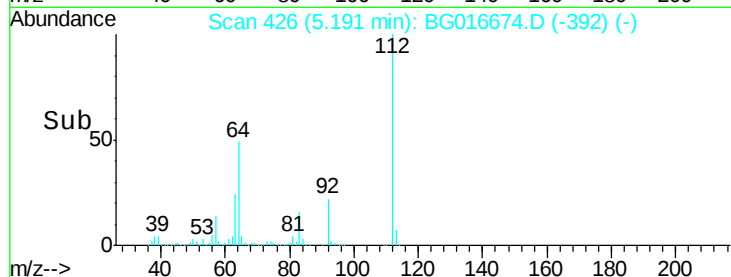
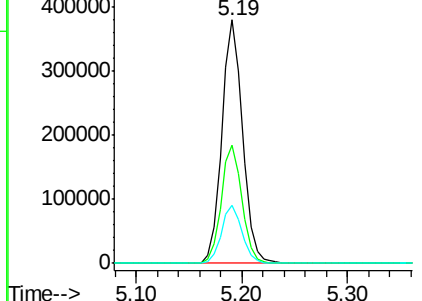
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.67 ng

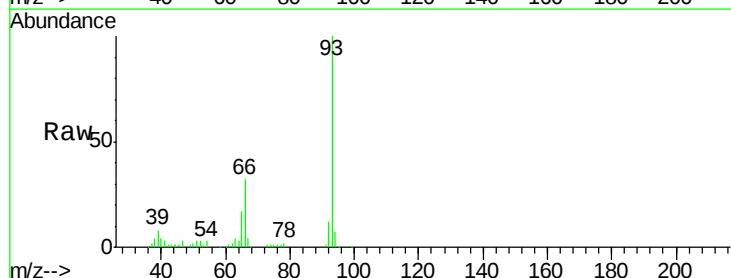
RT: 6.93 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

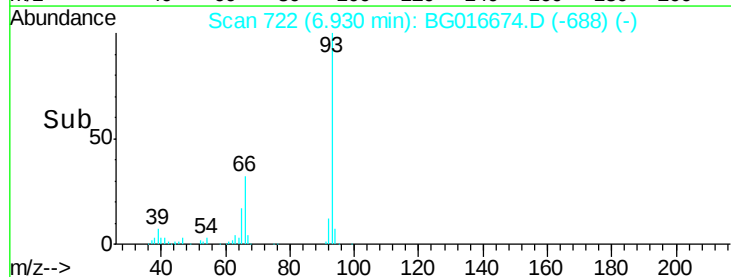
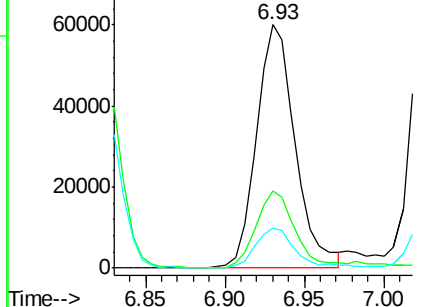
Tgt Ion:	93	Resp:	101557
Ion Ratio	Lower	Upper	
93	100		
66	31.6	25.4	38.2
65	16.6	13.8	20.6

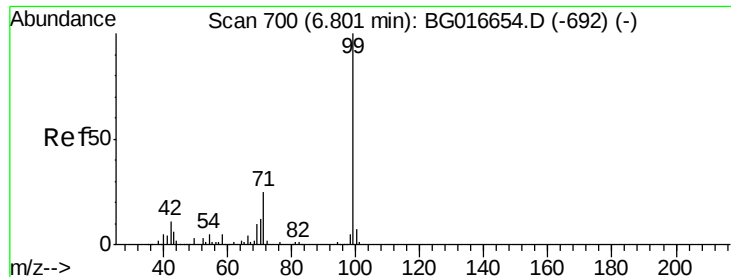


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.68 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

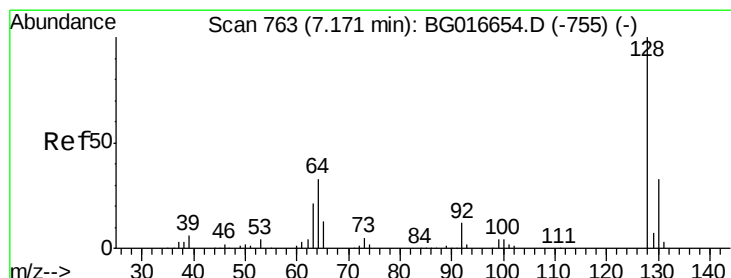
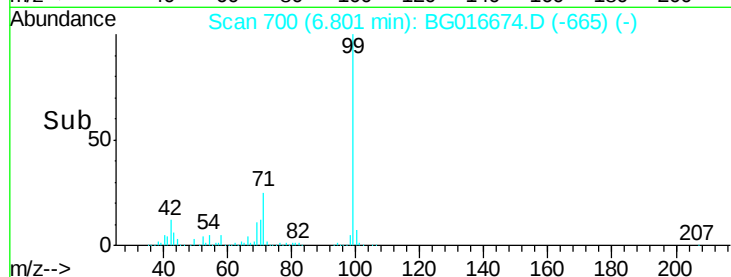
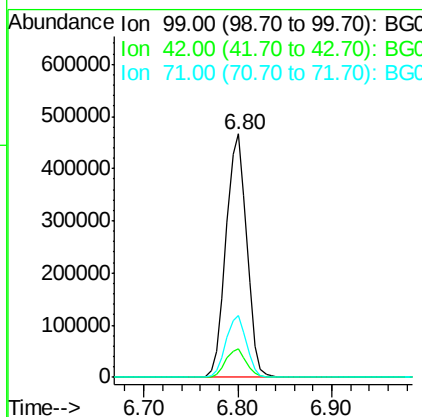
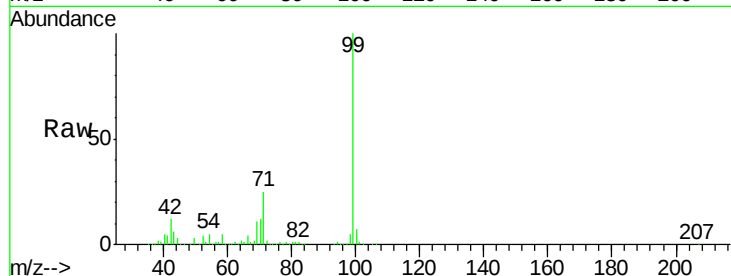
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	99	Resp:	717037
Ion Ratio	Lower	Upper	
99	100		
42	12.0	8.8	13.2
71	25.3	19.9	29.9

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.27 ng

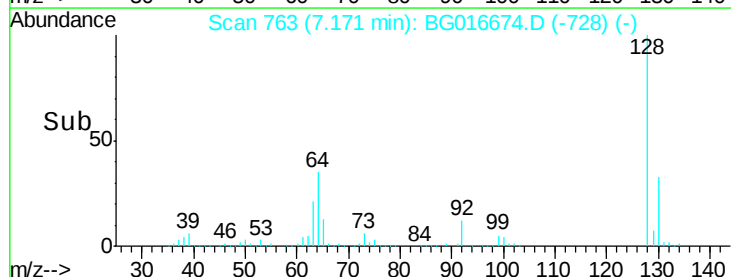
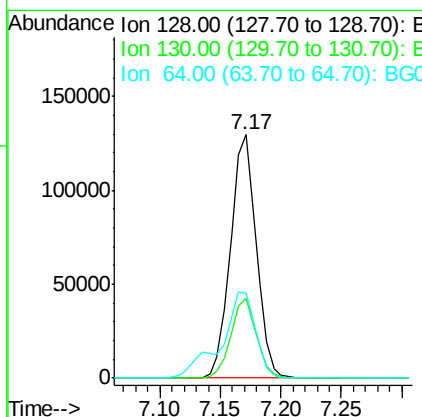
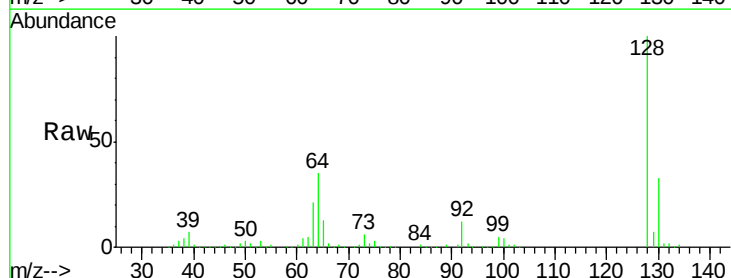
RT: 7.17 min Scan# 763

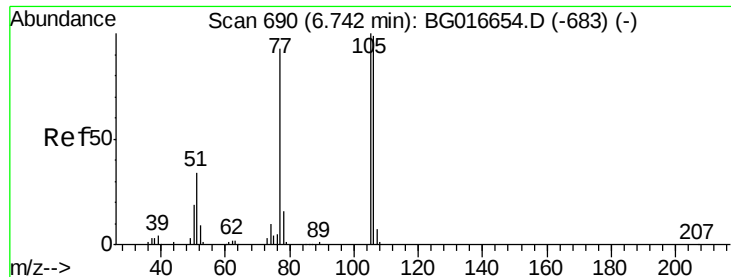
Delta R.T. 0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	128	Resp:	192716
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.5	53.5
64	35.1	15.8	55.8





#9

Benzaldehyde

Concen: 10.21 ng

RT: 6.74 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

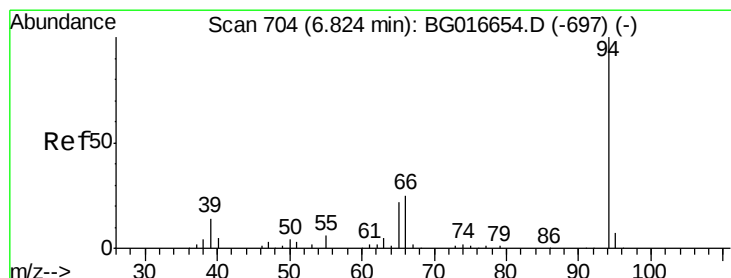
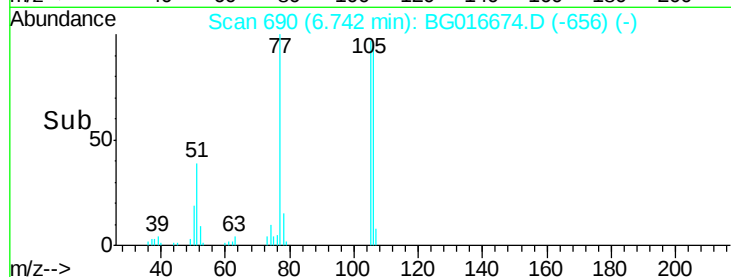
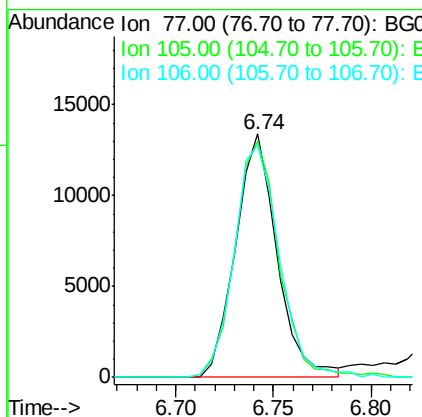
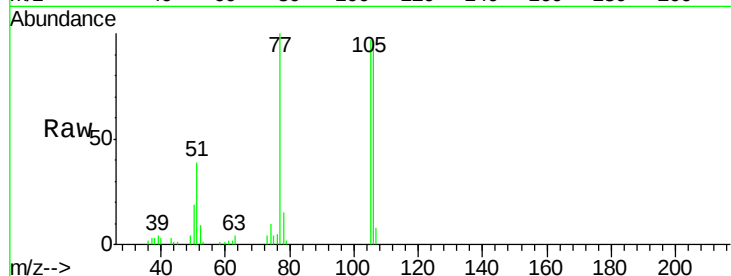
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	77	Resp:	19710
Ion	Ratio	Lower	Upper
77	100		
105	97.0	88.0	128.0
106	95.5	86.6	126.6

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#10

Phenol

Concen: 48.94 ng

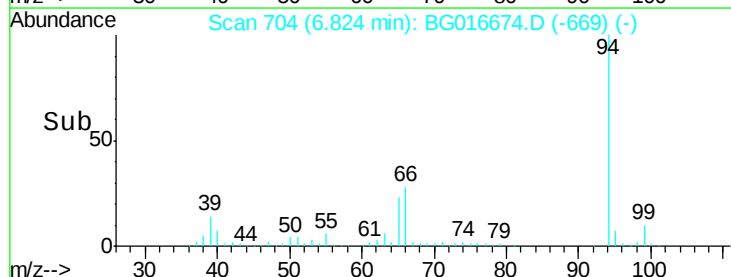
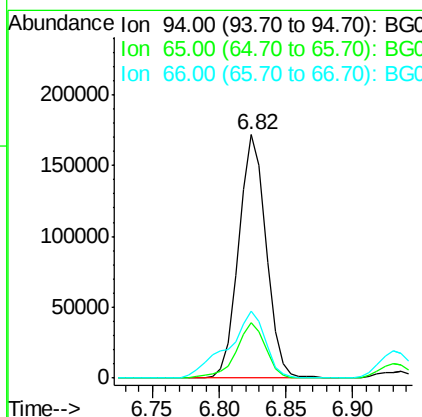
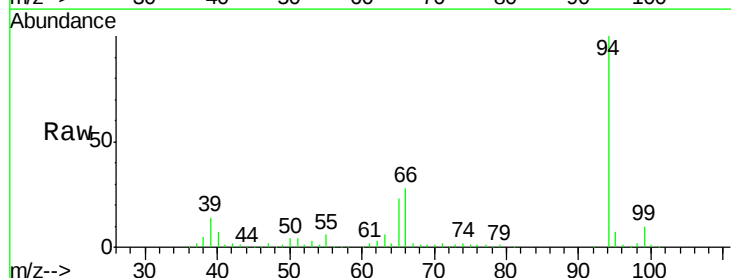
RT: 6.82 min Scan# 704

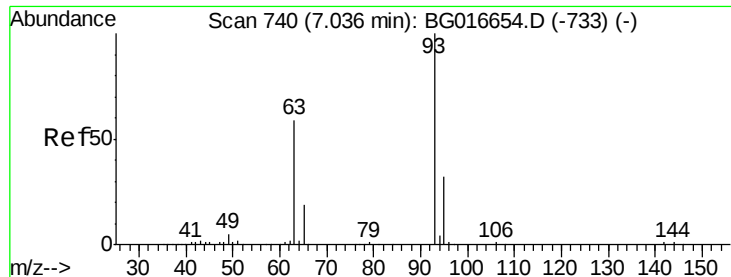
Delta R.T. 0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	94	Resp:	243846
Ion	Ratio	Lower	Upper
94	100		
65	22.6	2.6	42.6
66	27.7	7.0	47.0





#11

bis(2-Chloroethyl)ether

Concen: 42.85 ng

RT: 7.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

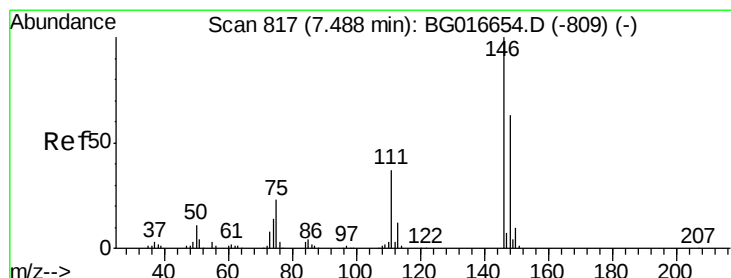
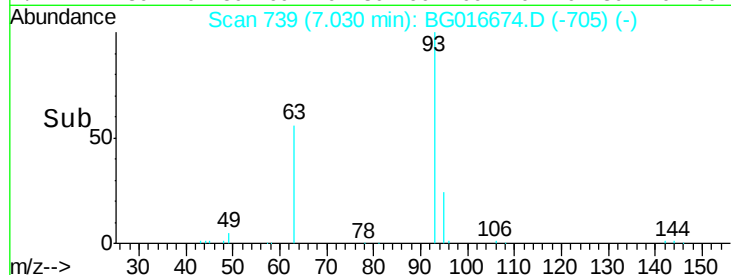
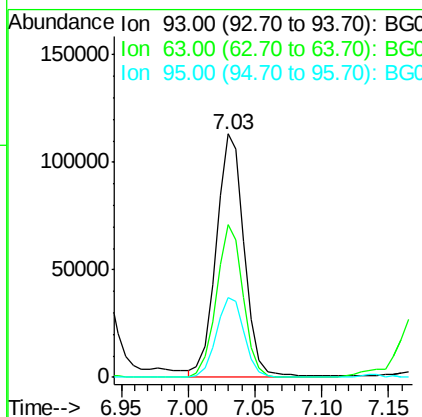
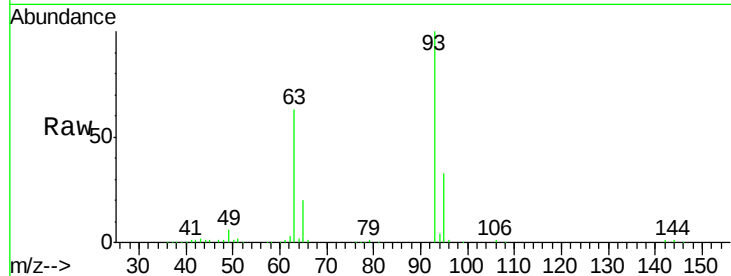
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	93	Resp:	166658
Ion Ratio	Lower	Upper	
93	100		
63	62.8	39.2	79.2
95	32.9	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 40.65 ng

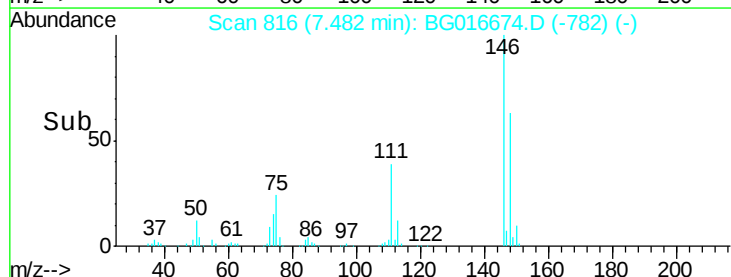
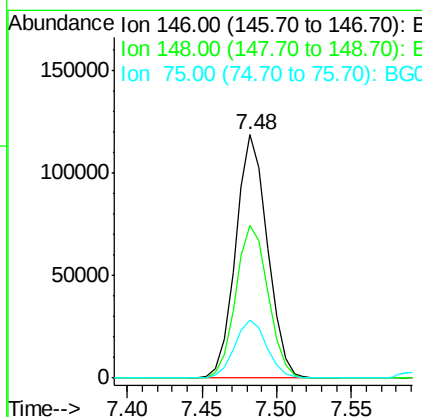
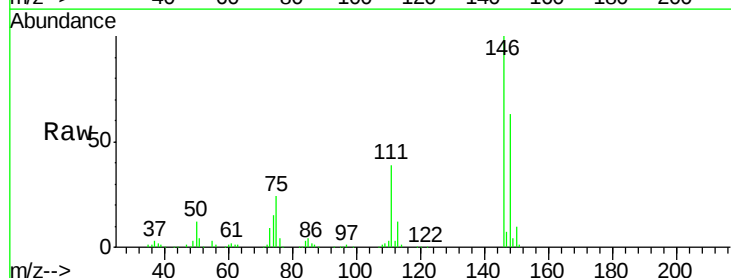
RT: 7.48 min Scan# 816

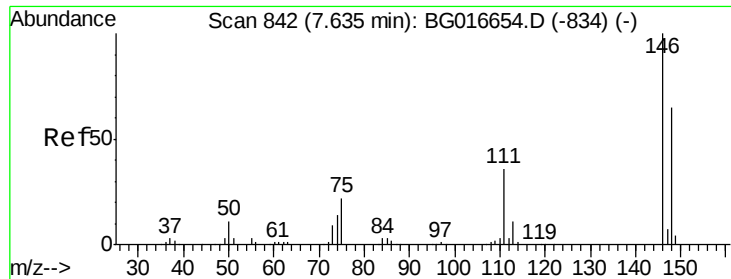
Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	146	Resp:	175066
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.2	75.4
75	24.0	18.4	27.6





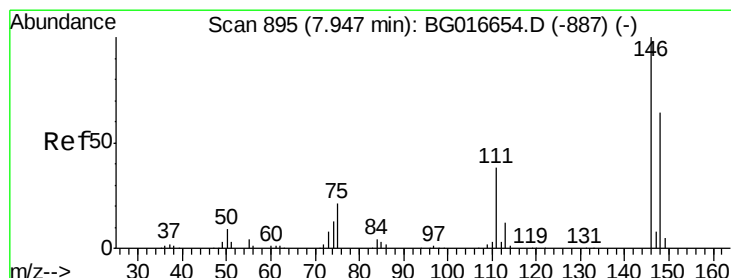
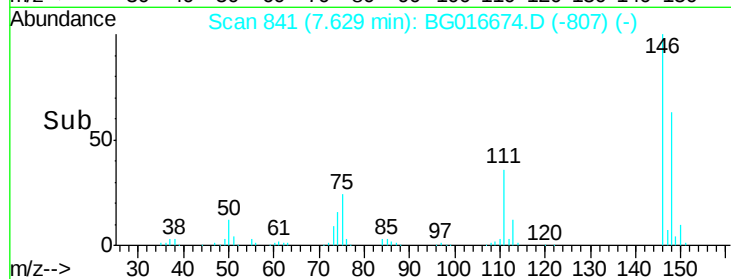
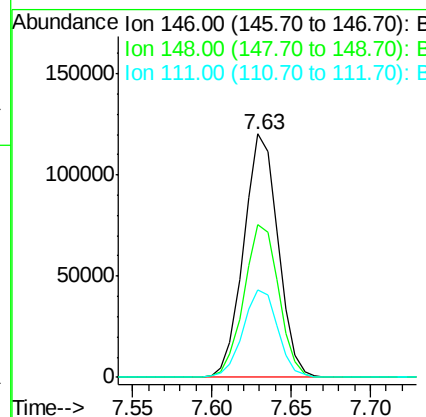
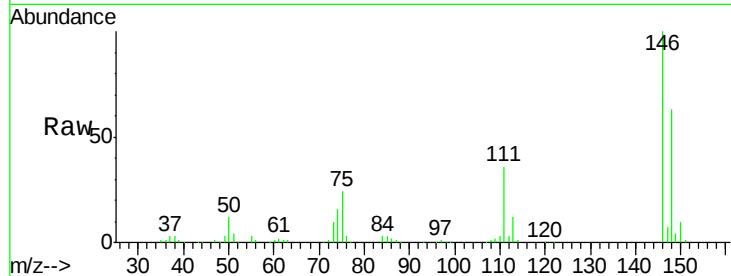
#13
 1,4-Dichlorobenzene
 Concen: 40.98 ng
 RT: 7.63 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.6	77.4
111	36.1	29.0	43.4

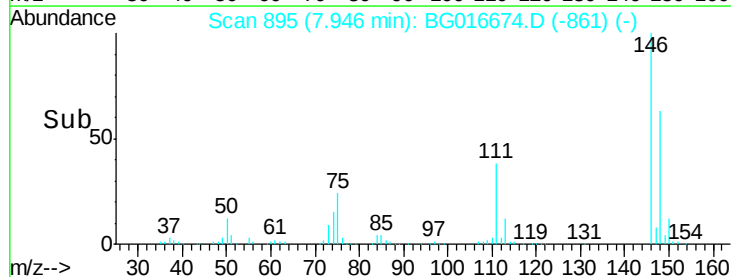
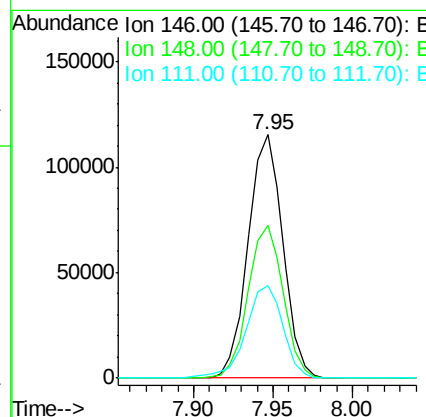
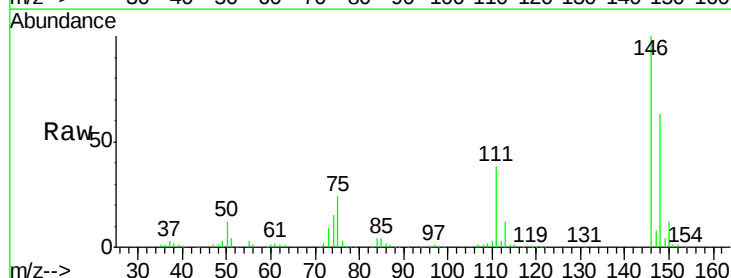
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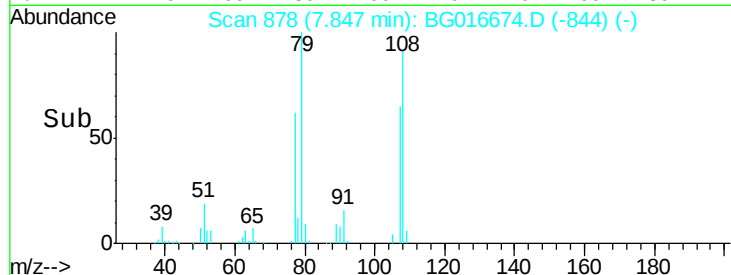
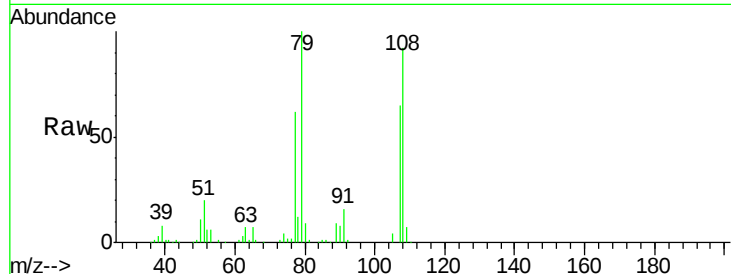
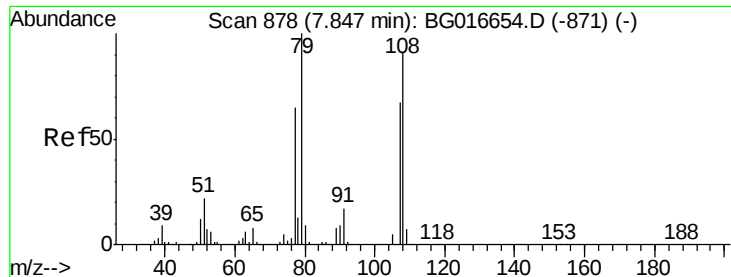
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#14
 1,2-Dichlorobenzene
 Concen: 41.76 ng
 RT: 7.95 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.3	76.9
111	38.3	31.0	46.4





#15

Benzyl Alcohol

Concen: 45.46 ng

RT: 7.85 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tot Ion:	79	Resp:	134871
Ion Ratio	Lower	Upper	
79	100		
108	91.7	73.0	109.4
77	62.0	51.8	77.8

Instrument :

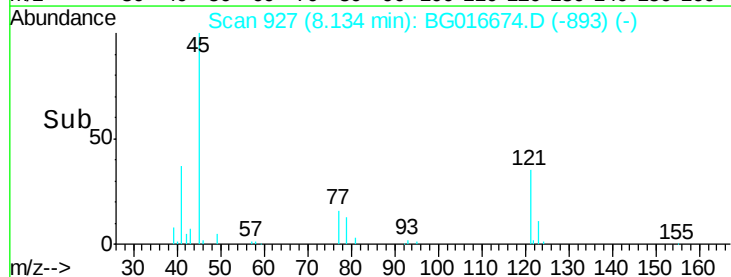
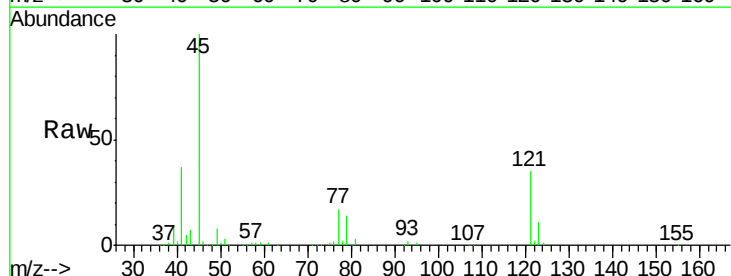
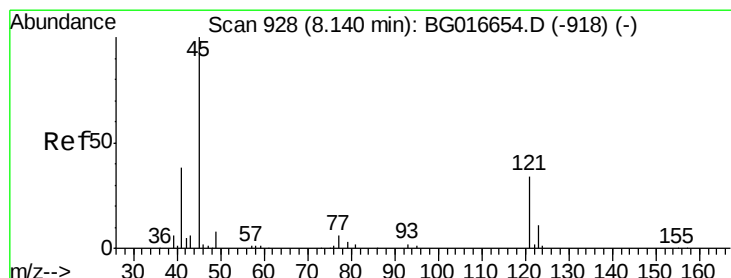
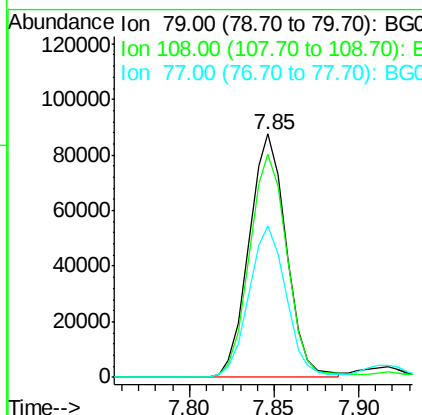
BNA_G

ClientSampleId :

PS-20(5-10)MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.57 ng

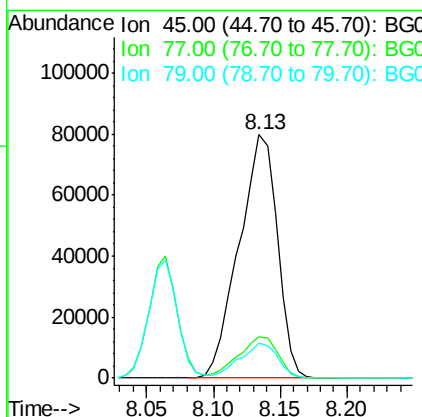
RT: 8.13 min Scan# 927

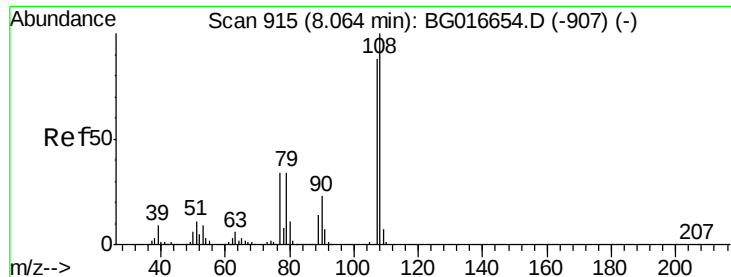
Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	45	Resp:	158629
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	37.3
79	14.2	0.0	34.7





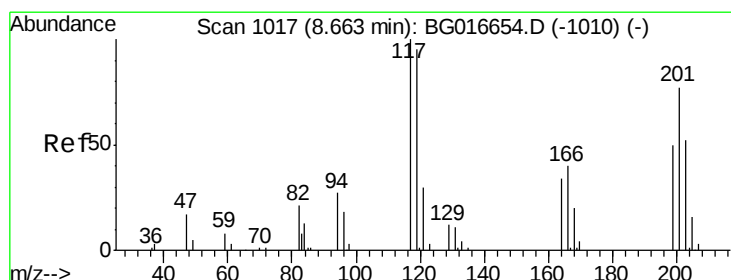
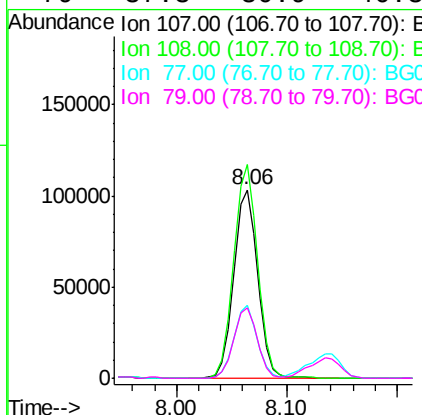
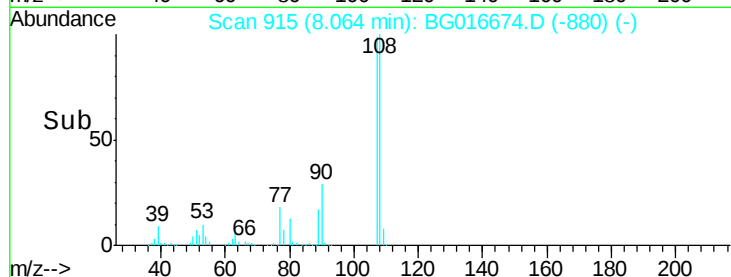
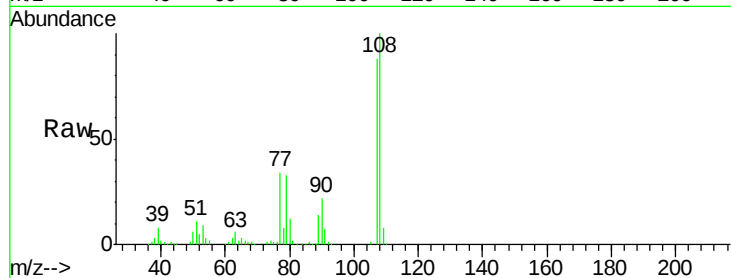
#17
2-Methylphenol
Concen: 47.44 ng
RT: 8.06 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	90.6	135.8	
77	38.6	31.4	47.0	
79	37.3	30.9	46.3	

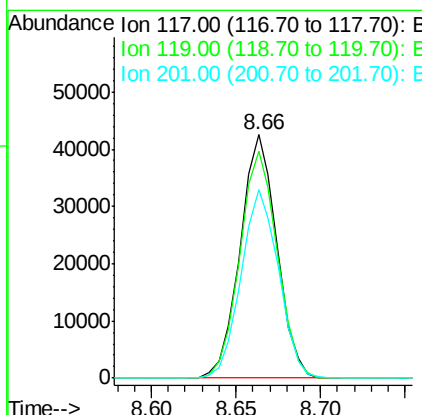
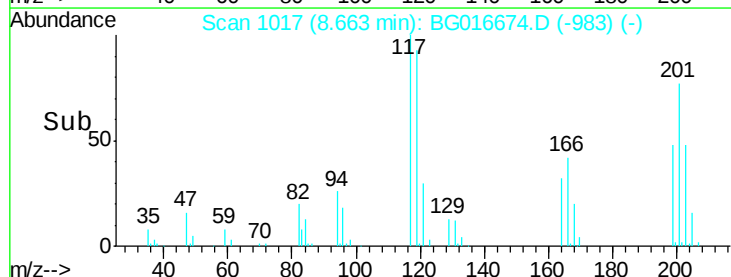
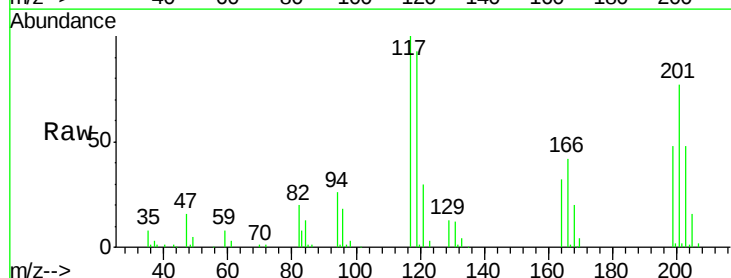
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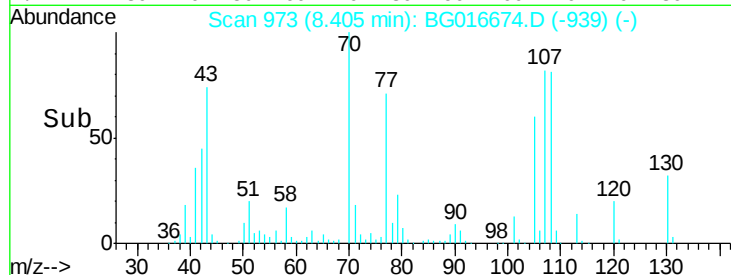
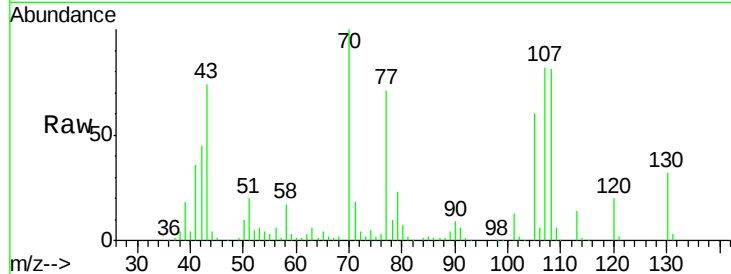
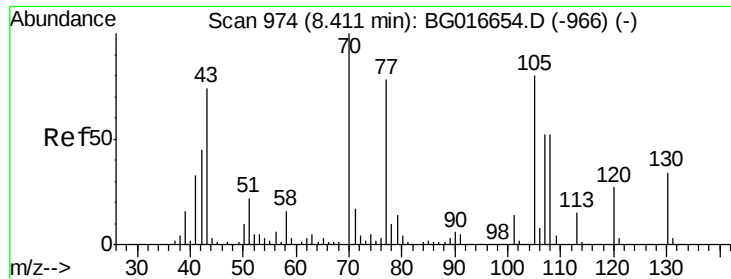
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#18
Hexachloroethane
Concen: 41.42 ng
RT: 8.66 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	76.3	114.5	
201	77.3	61.5	92.3	





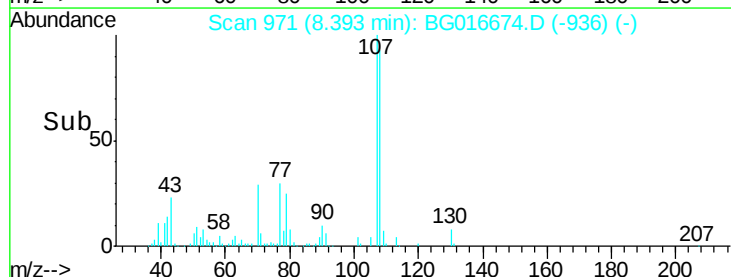
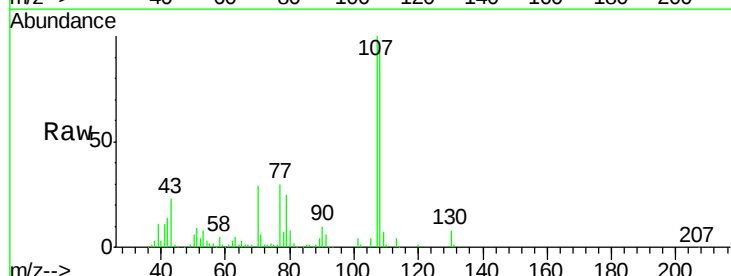
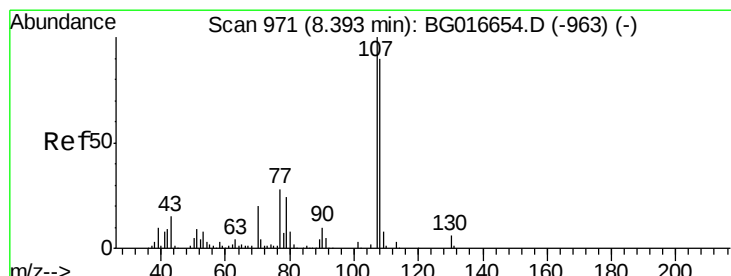
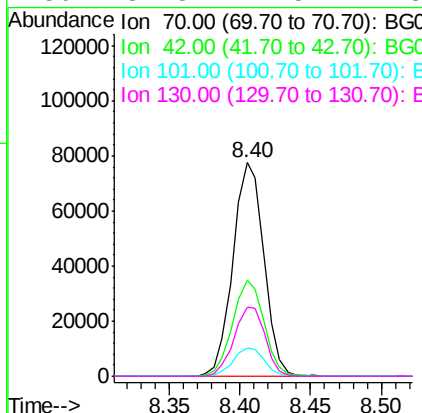
#19
n-Nitroso-di-n-propylamine
Concen: 40.16 ng
RT: 8.40 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		118346		
42	44.8	35.7	53.5		
101	12.9	11.0	16.4		
130	32.3	27.5	41.3		

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

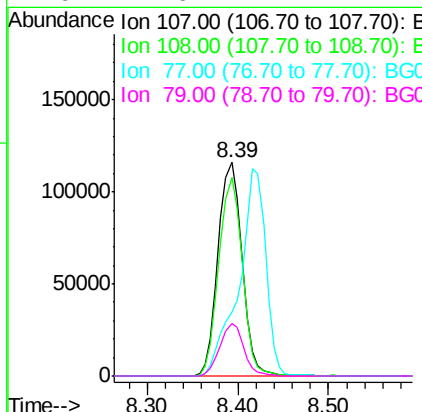
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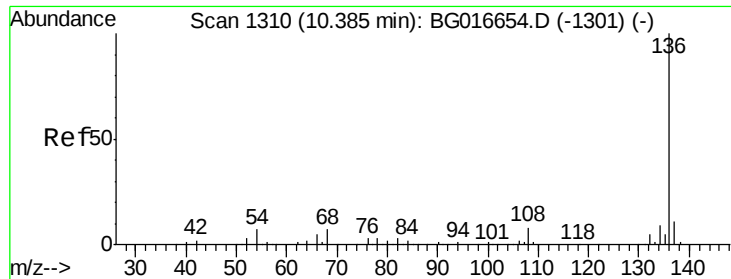
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#20
3+4-Methylphenols
Concen: 45.78 ng
RT: 8.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		214422		
108	92.8	69.5	109.5		
77	29.7	8.2	48.2		
79	24.6	4.2	44.2		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

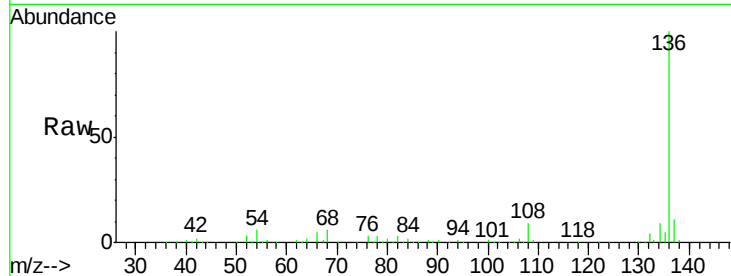
ClientSampleId :

PS-20(5-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		230222		
137	10.9		8.5	12.7	
54	6.2		5.4	8.2	
68	6.5		5.2	7.8	

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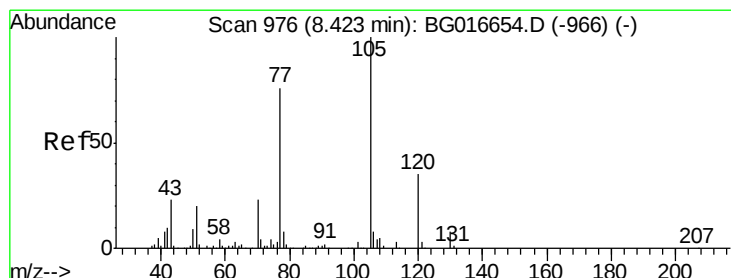
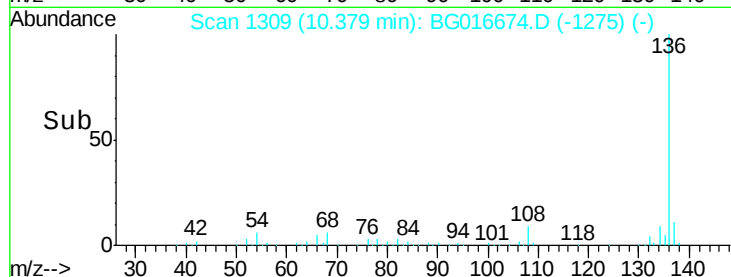
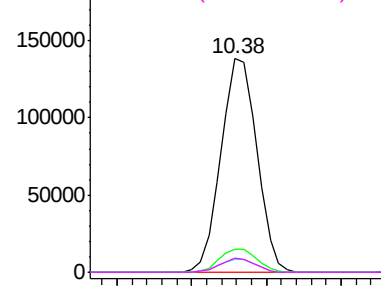


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 46.53 ng

RT: 8.42 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

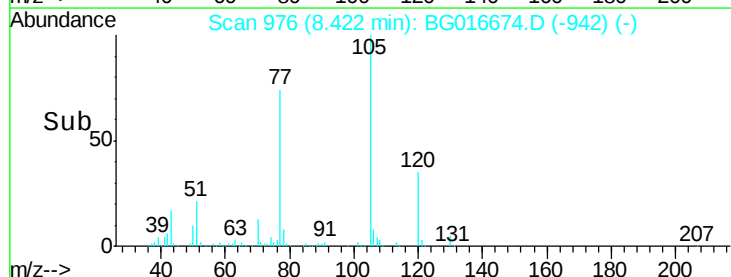
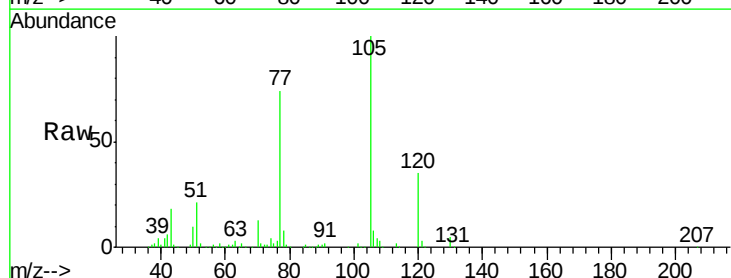
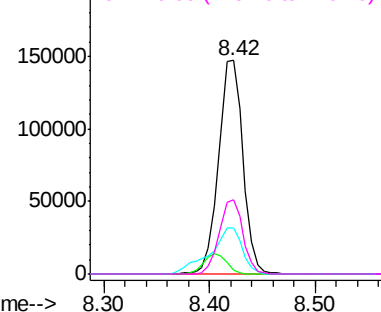
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		235130		
71	1.9		3.0	4.4#	
51	21.4		16.5	24.7	
120	34.8		27.8	41.6	

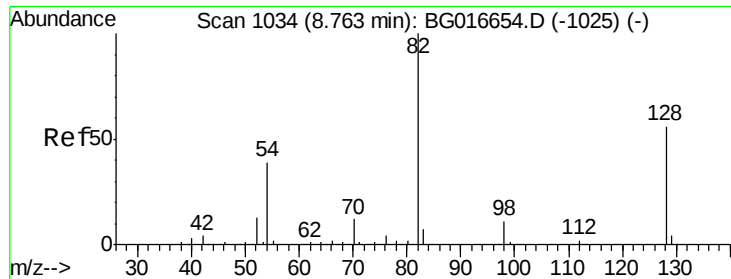
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





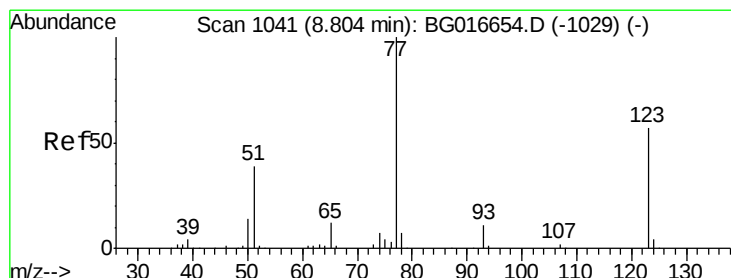
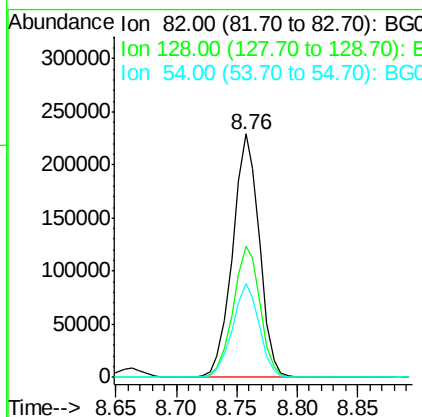
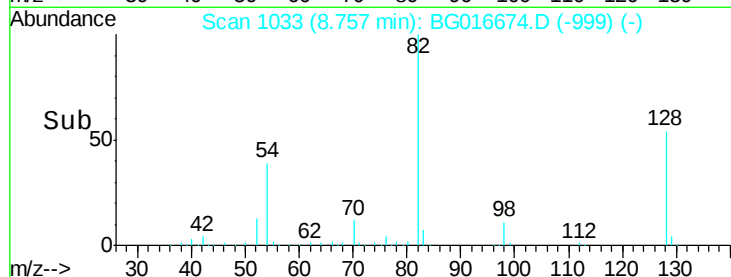
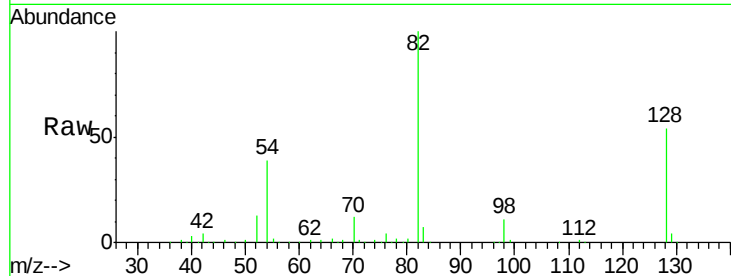
#23
Nitrobenzene-d5
Concen: 96.91 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	53.9	44.7	67.1	
54	38.6	30.9	46.3	

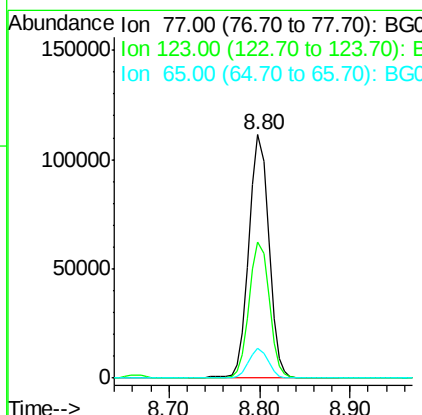
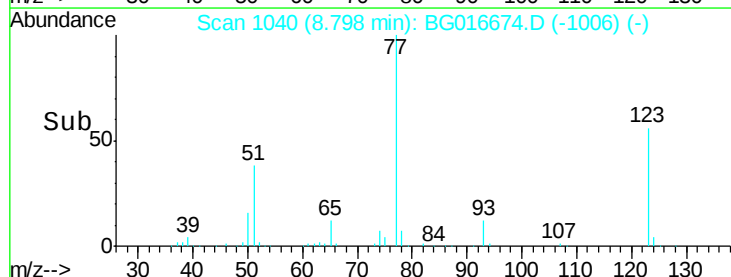
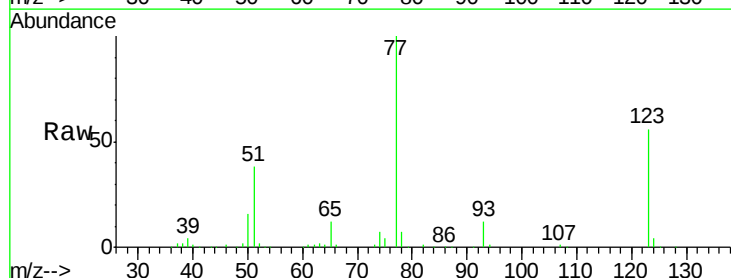
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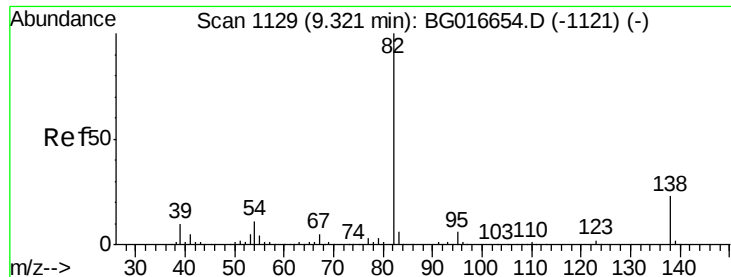
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#24
Nitrobenzene
Concen: 44.70 ng
RT: 8.80 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	56.0	45.6	68.4	
65	12.3	9.4	14.2	





#25

Isophorone

Concen: 44.05 ng

RT: 9.32 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

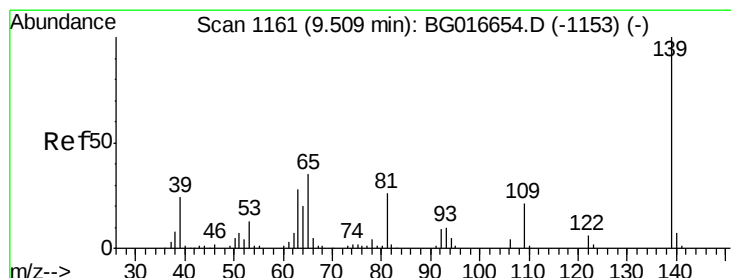
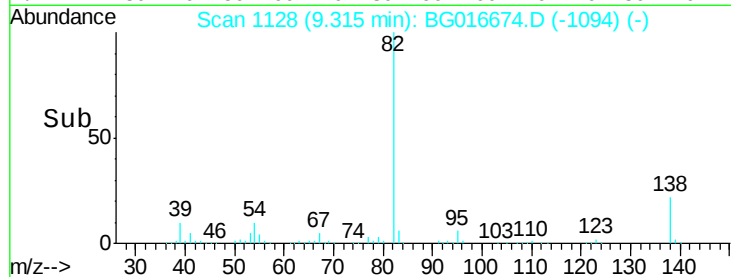
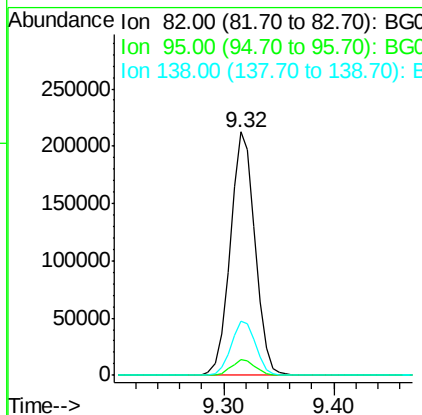
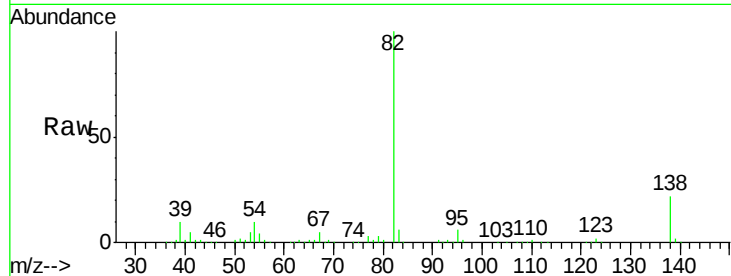
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	82	Resp:	332638
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.0	7.6
138	22.1	18.2	27.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.43 ng

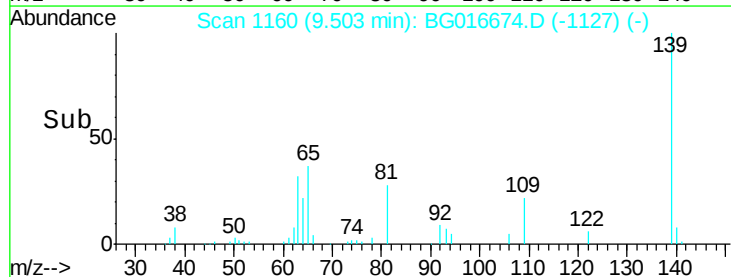
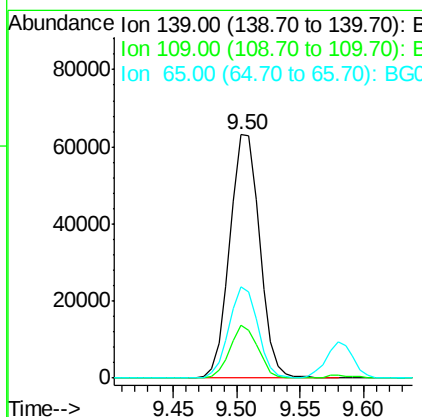
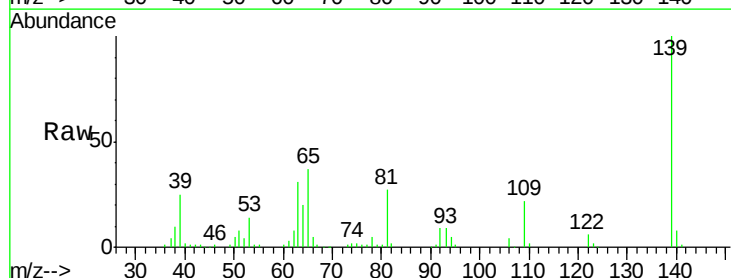
RT: 9.50 min Scan# 1160

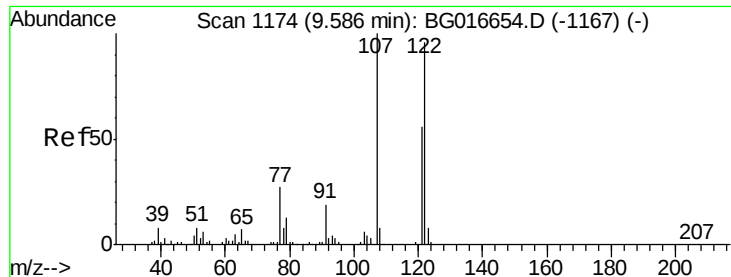
Delta R.T. -0.01 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	139	Resp:	103075
Ion Ratio		Lower	Upper
139	100		
109	21.6	17.0	25.6
65	37.5	28.2	42.4





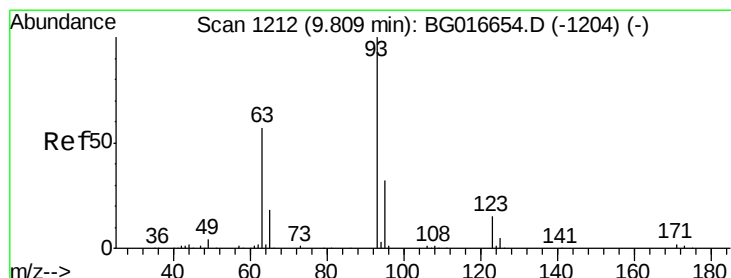
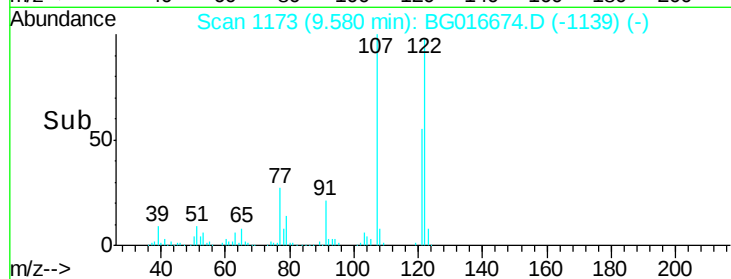
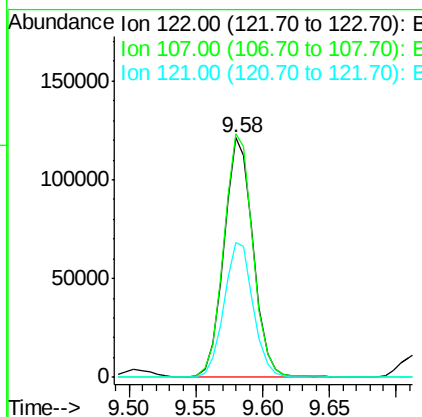
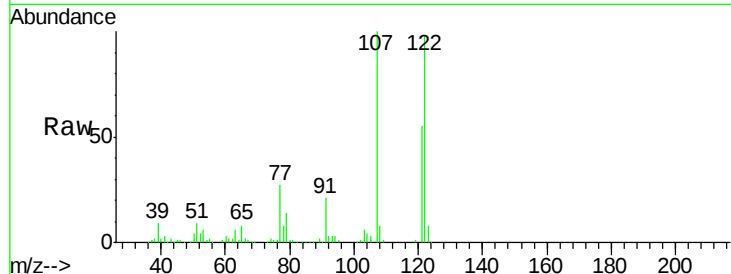
#27
 2,4-Dimethylphenol
 Concen: 50.15 ng
 RT: 9.58 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	185948		
107	101.8	83.6	125.4	
121	56.1	46.8	70.2	

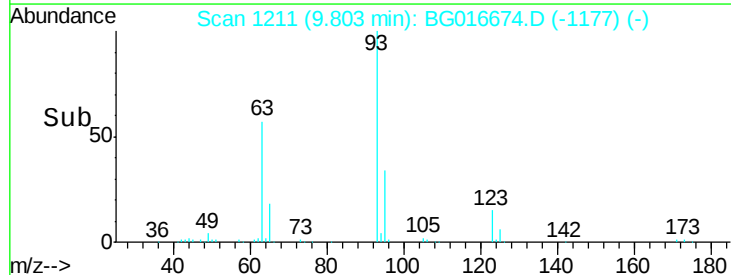
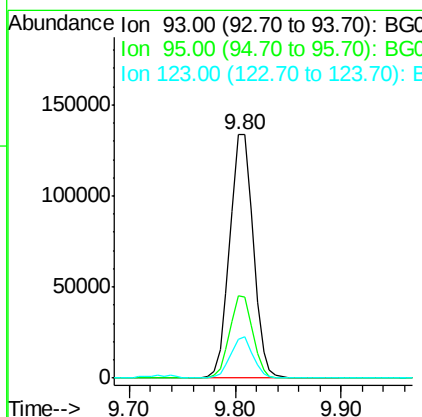
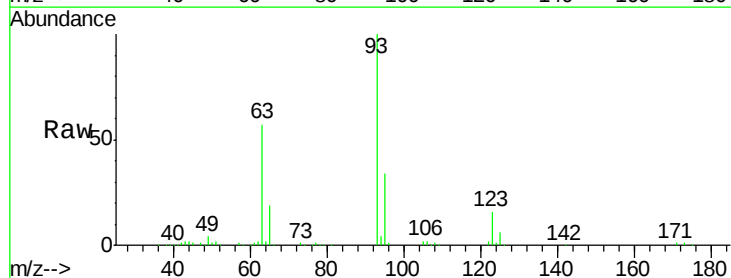
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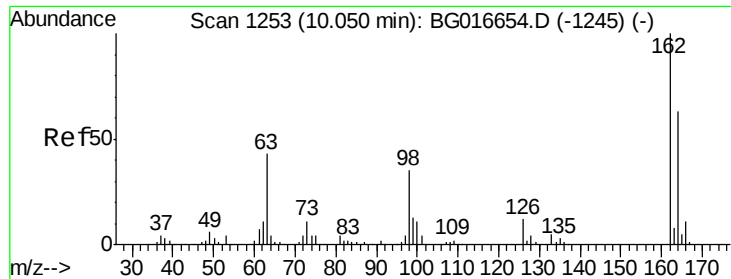
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.13 ng
 RT: 9.80 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	205628		
95	33.9	25.4	38.2	
123	15.9	12.2	18.4	





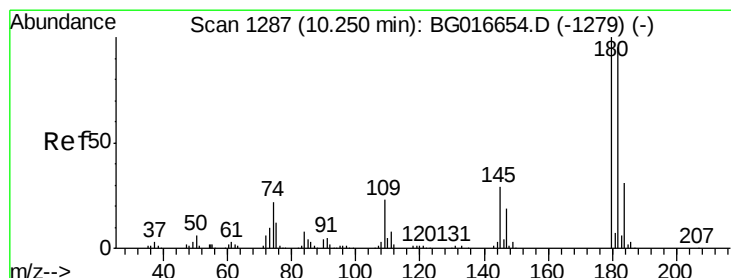
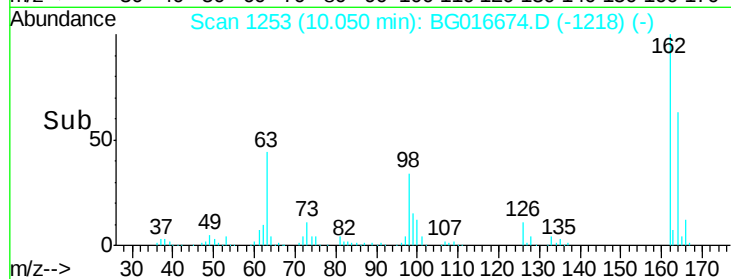
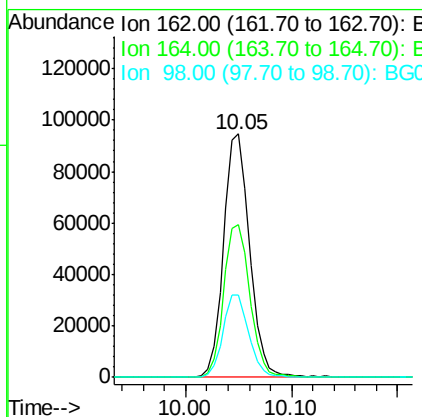
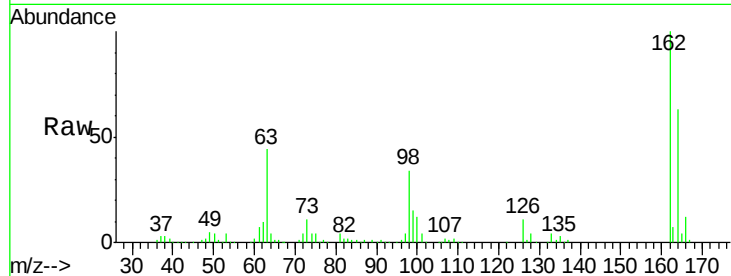
#29
 2,4-Dichlorophenol
 Concen: 51.49 ng
 RT: 10.05 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	42.9	82.9
98	33.9	15.4	55.4

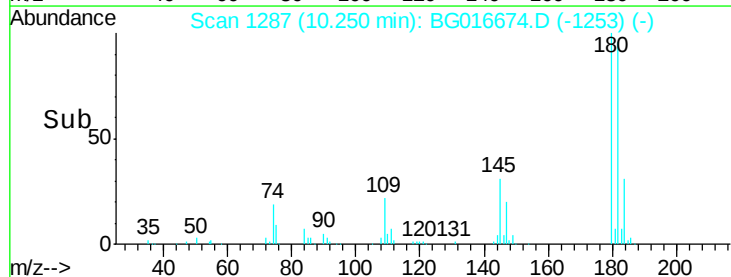
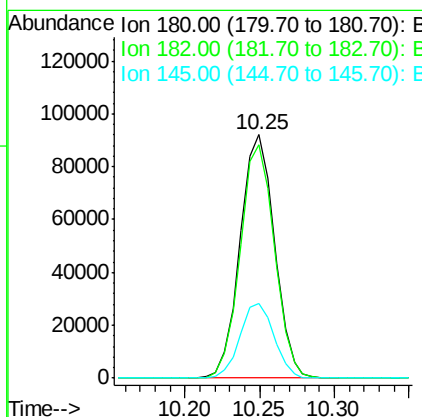
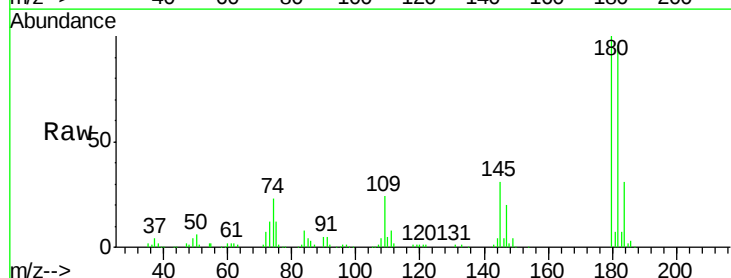
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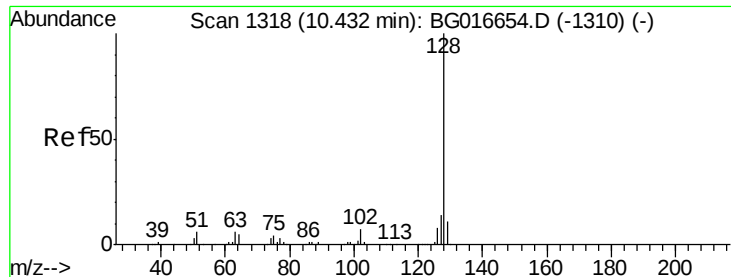
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.93 ng
 RT: 10.25 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	76.2	114.4
145	30.5	23.2	34.8





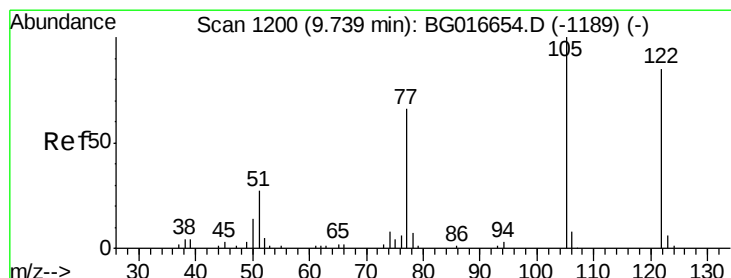
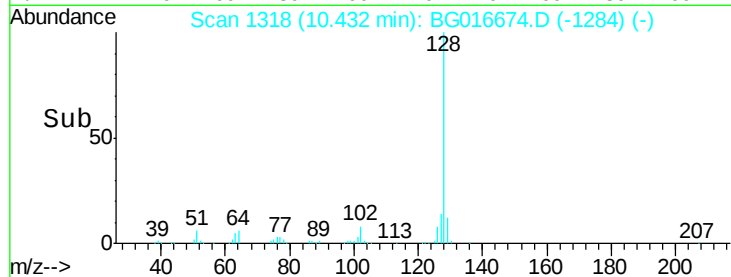
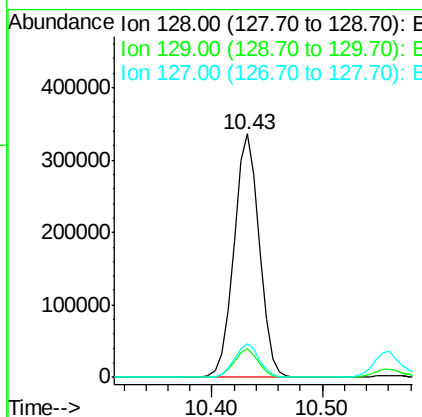
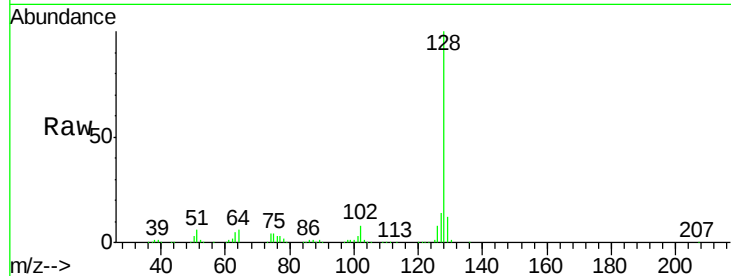
#31
Naphthalene
Concen: 44.39 ng
RT: 10.43 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.0	13.6	
127	13.7	11.1	16.7	

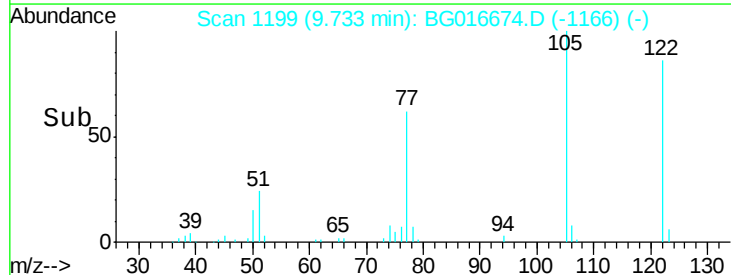
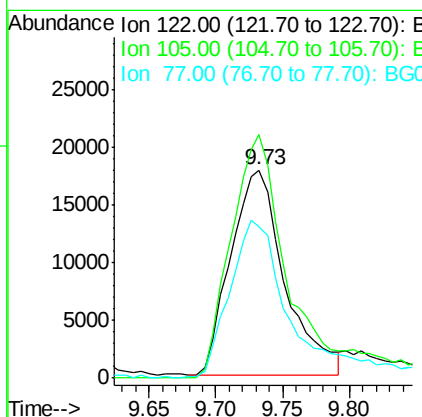
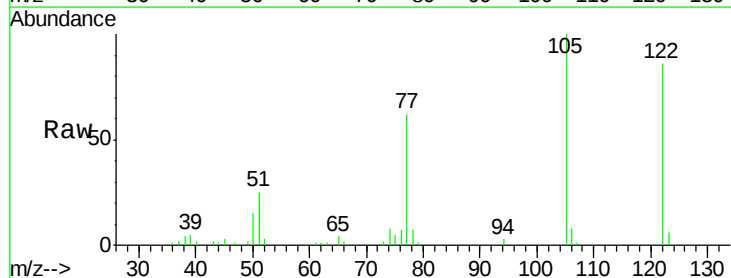
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#32
Benzoic acid
Concen: 29.36 ng
RT: 9.73 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	116.9	97.2	137.2	
77	72.6	58.4	98.4	





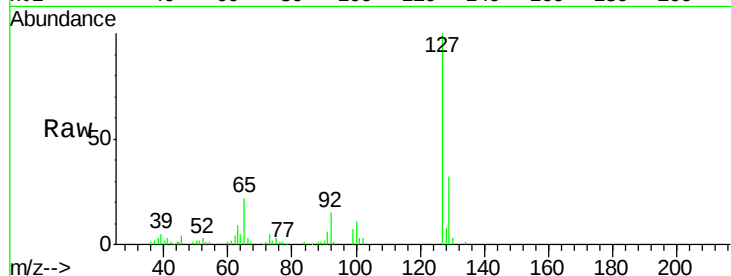
#33
4-Chloroaniline
Concen: 12.16 ng
RT: 10.56 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

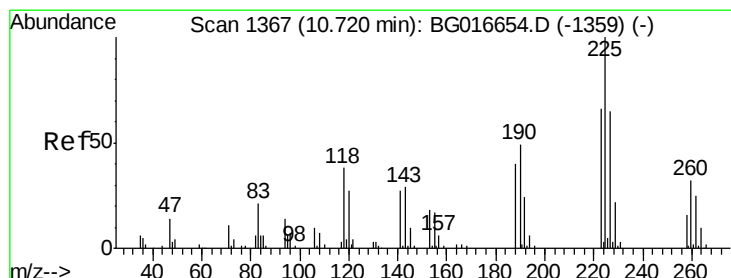
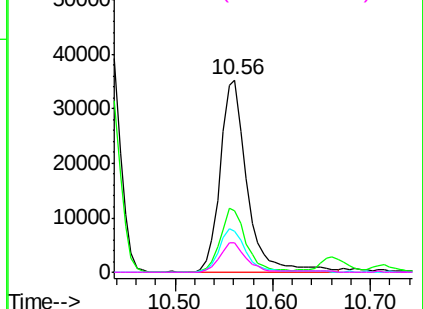
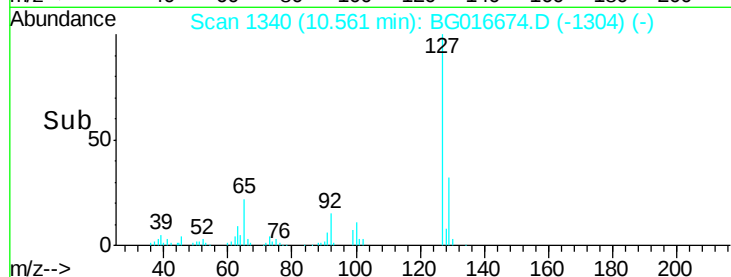
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		68007		
129	32.2	27.4	41.2		
65	21.6	19.1	28.7		
92	15.2	12.6	18.8		

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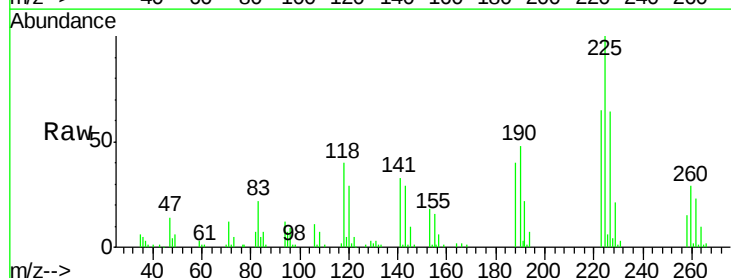


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

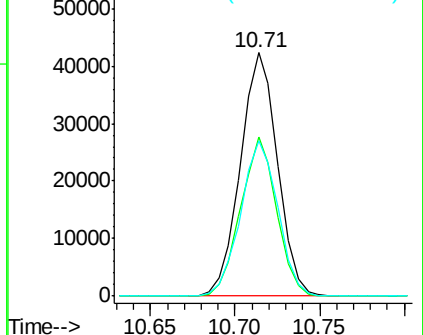
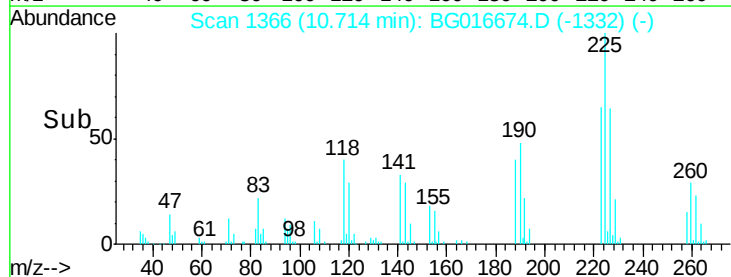


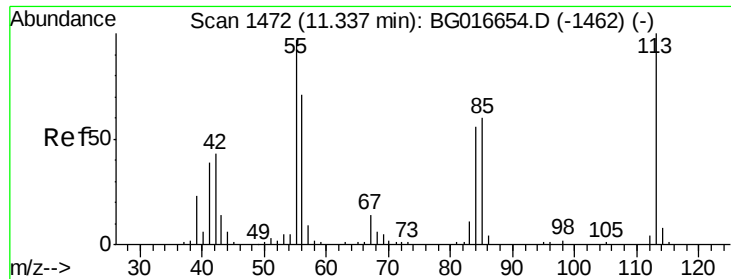
#34
Hexachlorobutadiene
Concen: 43.17 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		64406		
223	65.5	52.6	79.0		
227	63.6	52.0	78.0		



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: 48.82 ng/ml

RT: 11.32 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

ClientSampleId :

PS-20(5-10)MSD

Tot Ion:113 Resp: 82947

Ion Ratio Lower Upper

113 100

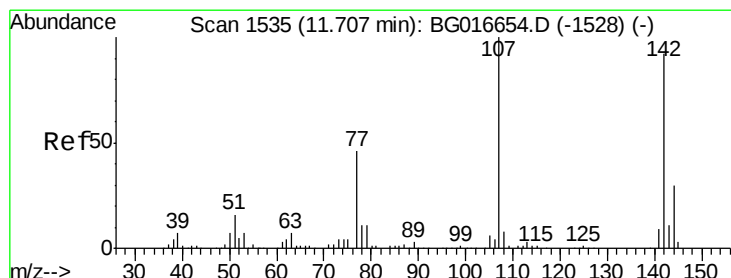
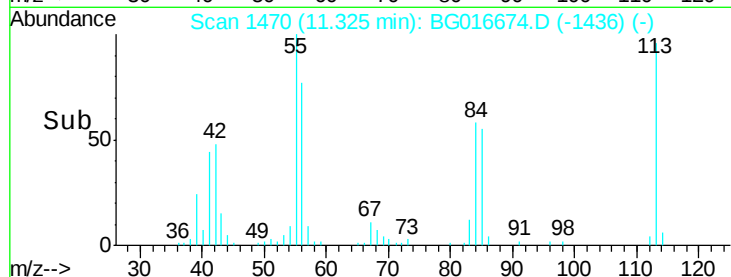
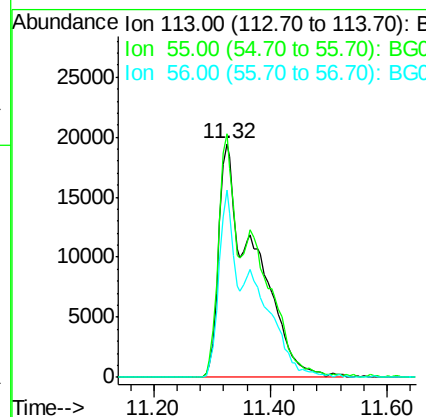
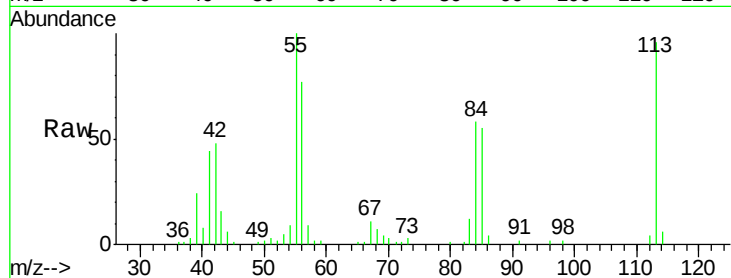
55 104.2 77.1 117.1

56 80.1 51.4 91.4

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#36

4-Chloro-3-methylphenol

Concen: 48.81 ng/ml

RT: 11.71 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

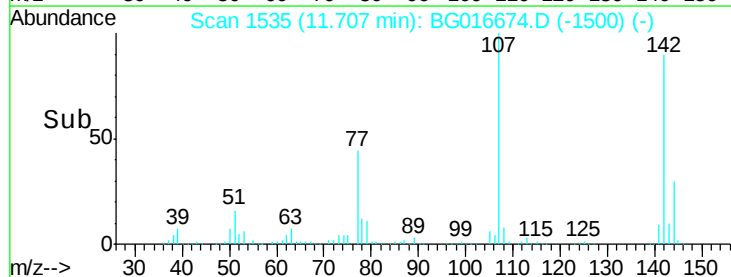
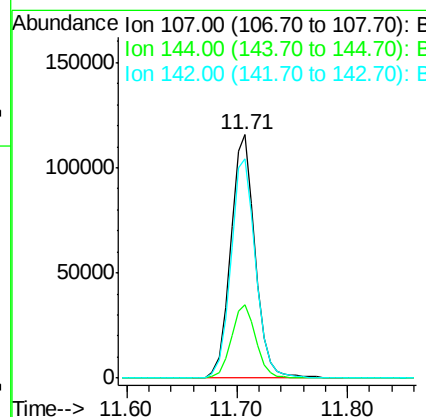
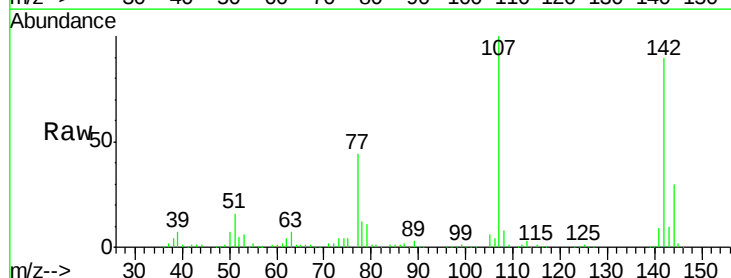
Tgt Ion:107 Resp: 178854

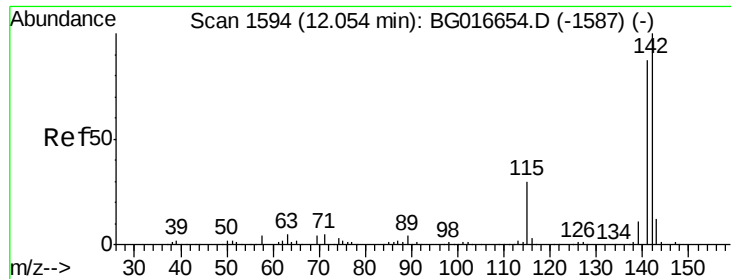
Ion Ratio Lower Upper

107 100

144 30.3 24.2 36.4

142 89.8 73.8 110.6





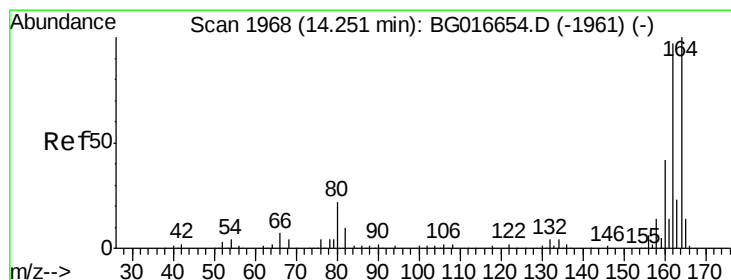
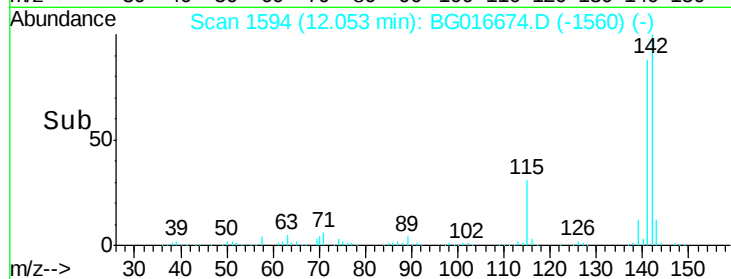
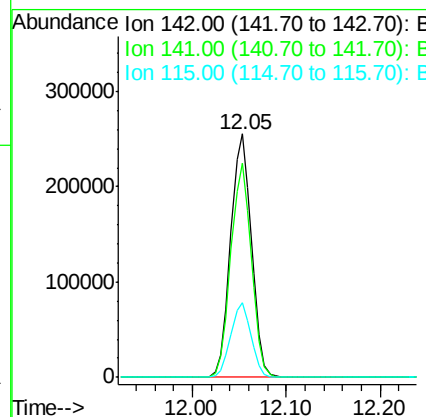
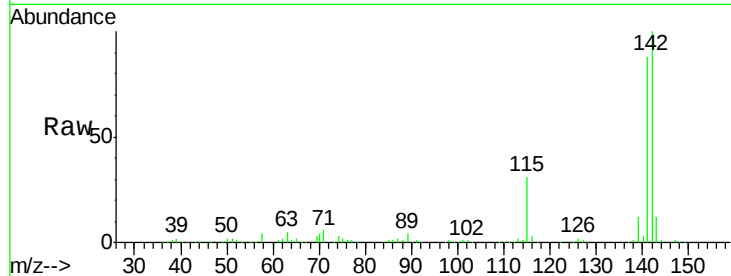
#37
2-Methylnaphthalene
Concen: 44.71 ng
RT: 12.05 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.9	104.9
115	30.7	24.0	36.0

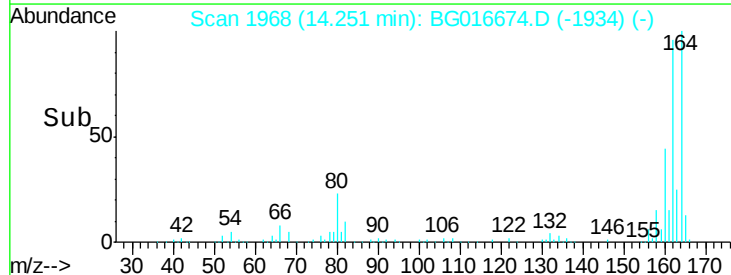
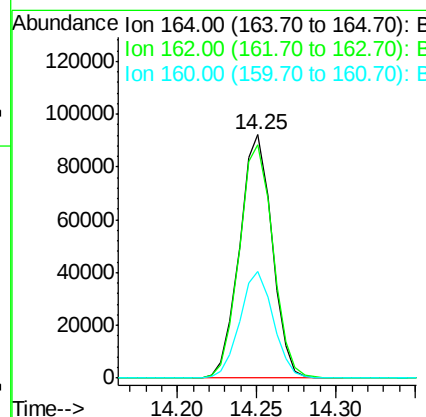
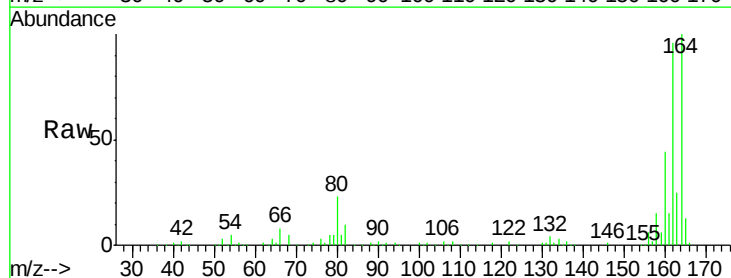
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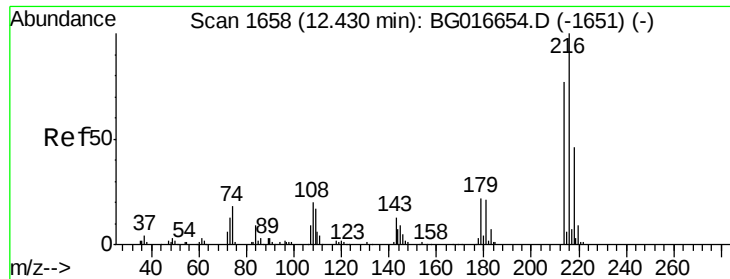
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.0	77.3	115.9
160	43.6	33.7	50.5





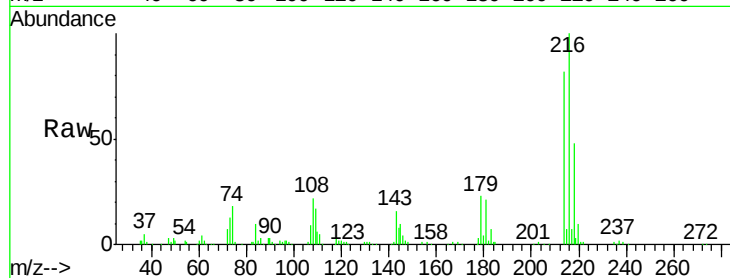
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.28 ng
 RT: 12.43 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

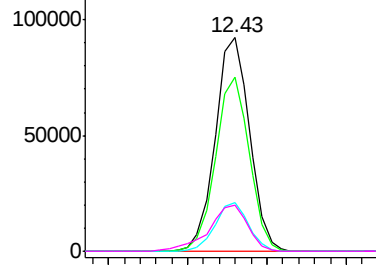
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.4		63.8	95.8	
179	22.4		17.6	26.4	
108	24.7		18.1	27.1	

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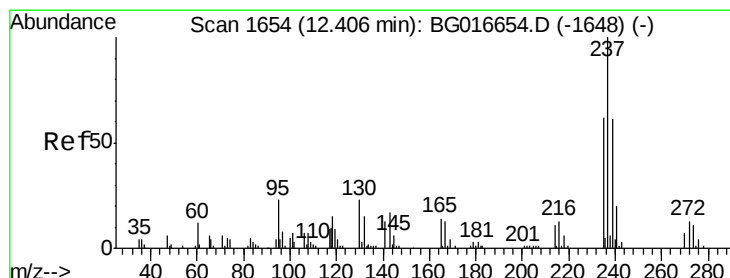
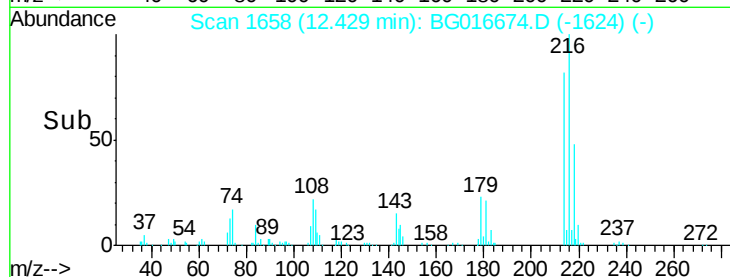
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Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

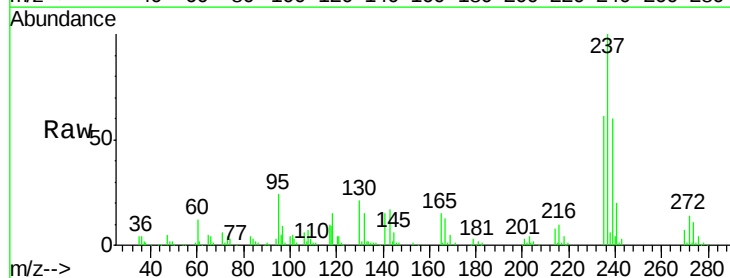


Time-->

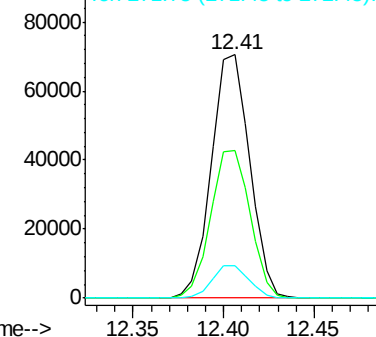


#40
 Hexachlorocyclopentadiene
 Concen: 85.15 ng
 RT: 12.41 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

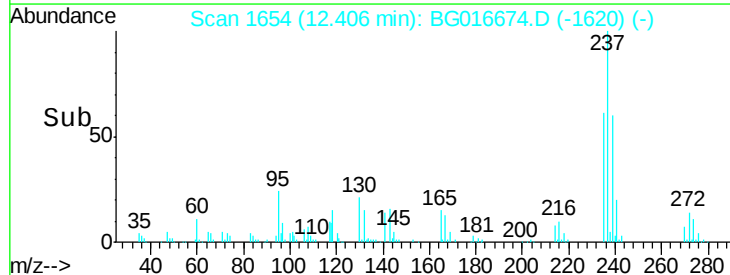
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.7		42.2	82.2	
272	13.5		0.0	32.8	

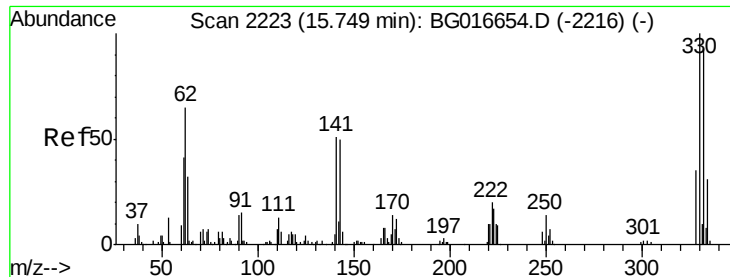


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E



Time-->





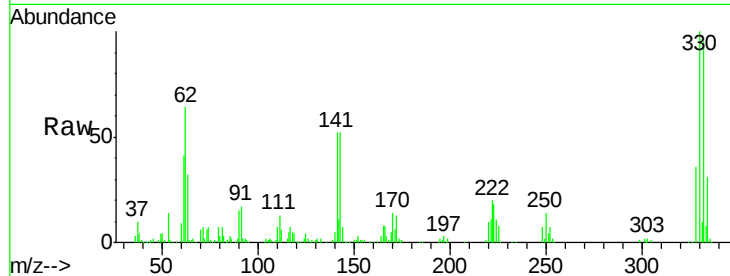
#41
 2,4,6-Tribromophenol
 Concen: 154.94 ng
 RT: 15.75 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

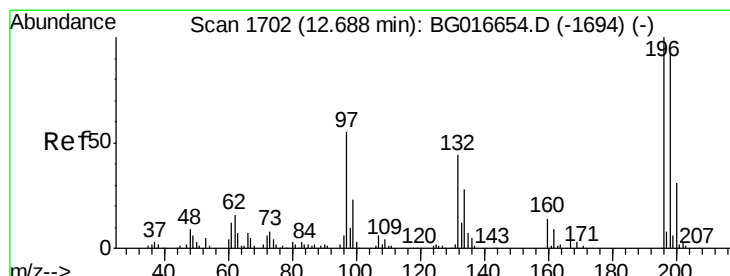
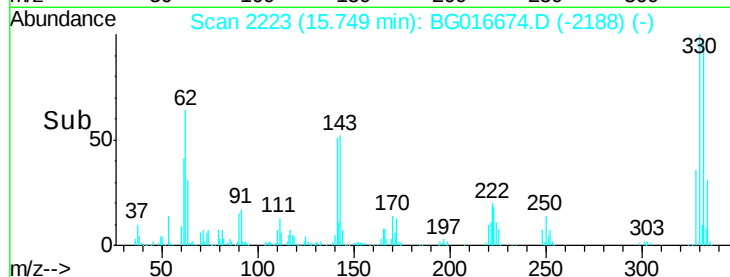
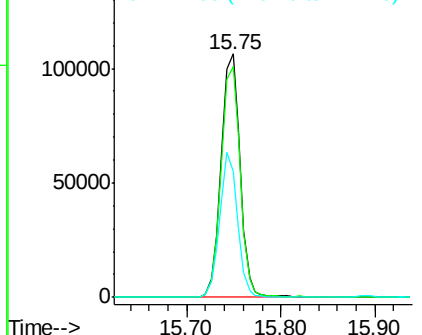
Tot Ion	Ratio	Resp	Lower	Upper
330	100	150696		
332	95.0	76.2	114.4	
141	56.0	43.0	64.6	

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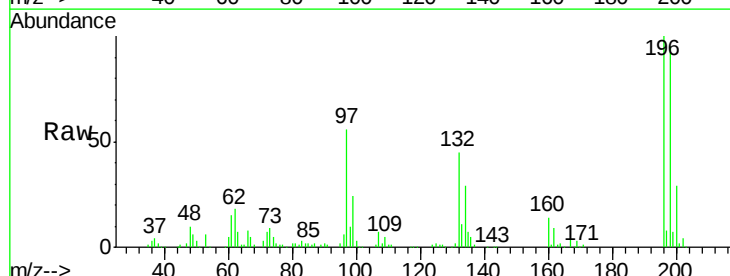


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

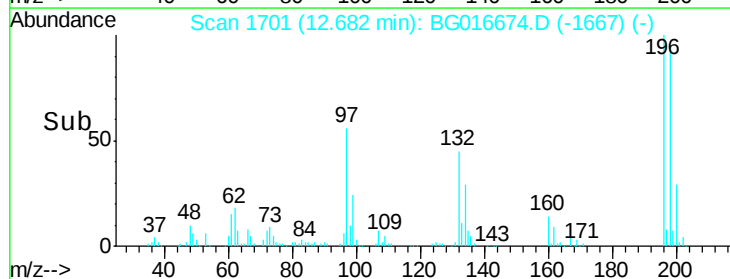
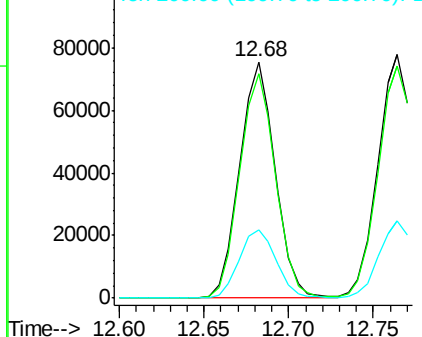


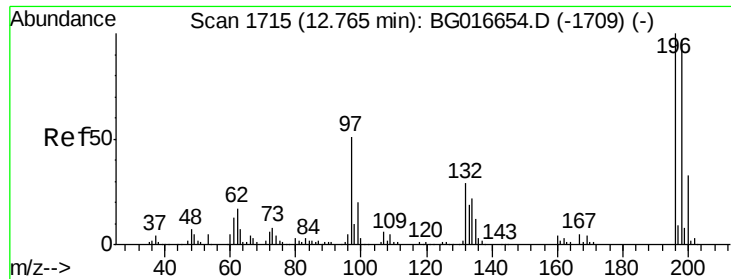
#42
 2,4,6-Trichlorophenol
 Concen: 48.46 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110592		
198	94.7	74.6	111.8	
200	28.9	24.6	37.0	



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





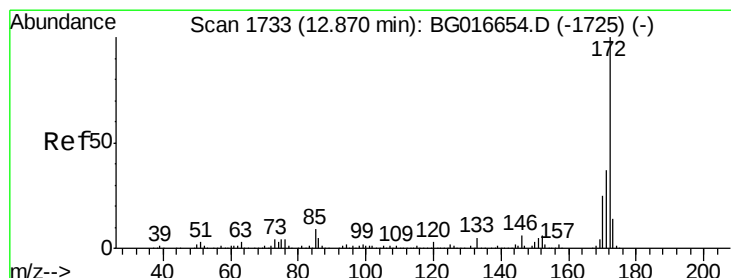
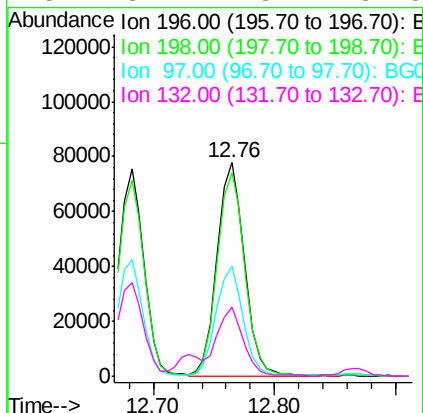
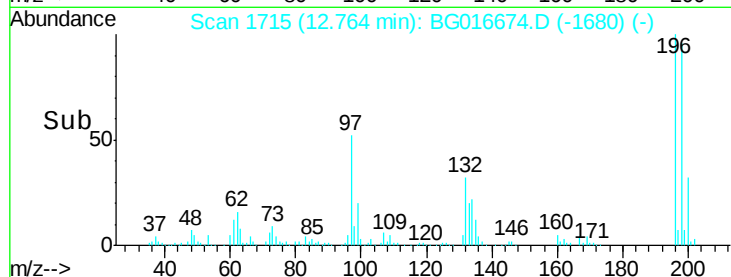
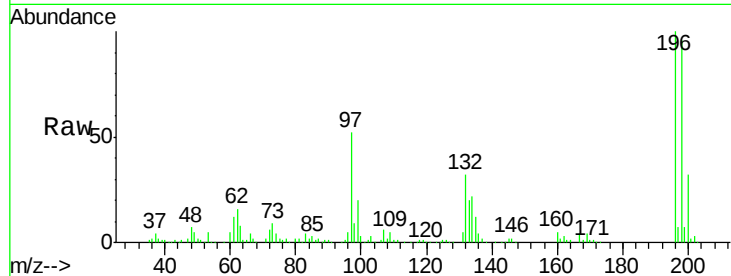
#43
 2,4,5-Trichlorophenol
 Concen: 50.36 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		121625		
198	95.5	77.4	116.0		
97	51.6	40.9	61.3		
132	32.2	23.2	34.8		

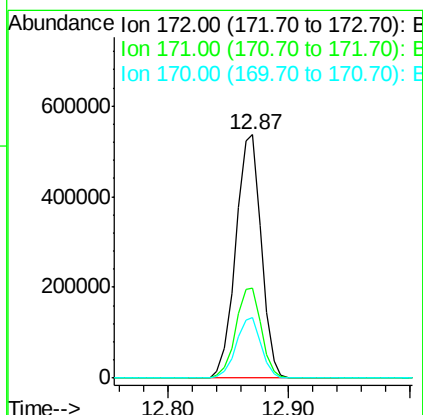
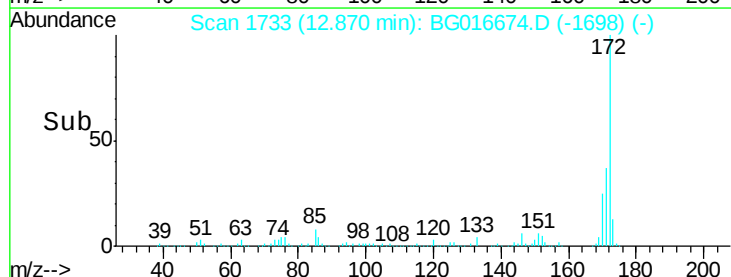
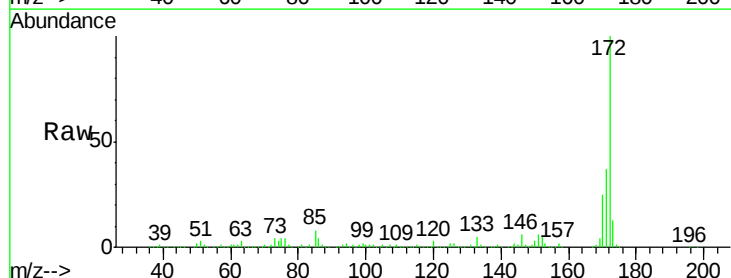
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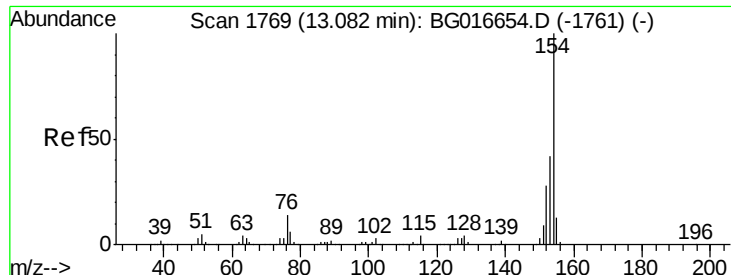
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#44
 2-Fluorobiphenyl
 Concen: 96.66 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		788737		
171	36.7	29.9	44.9		
170	24.8	19.8	29.8		





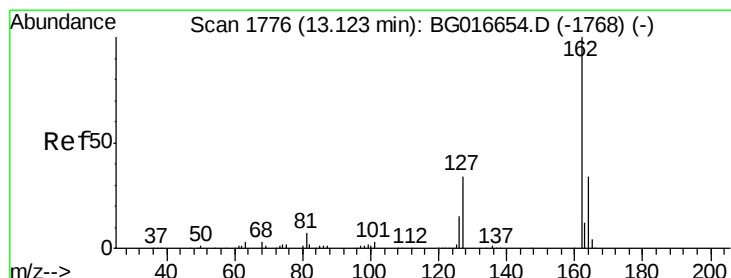
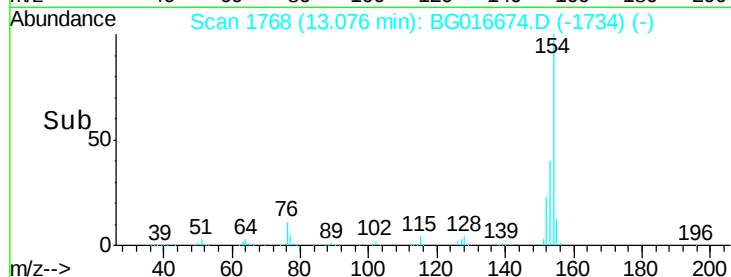
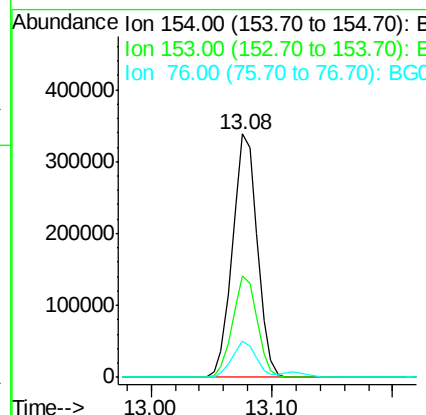
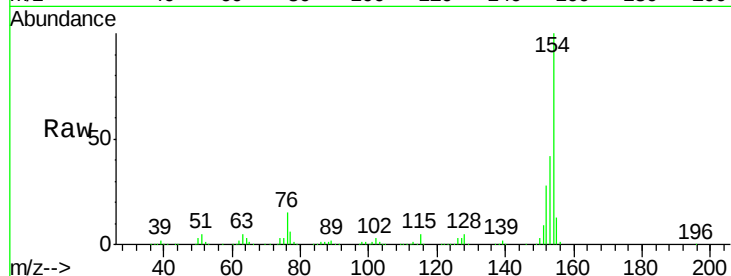
#45
 1,1'-Biphenyl
 Concen: 46.80 ng
 RT: 13.08 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100		481908		
153	41.6	21.8	61.8		
76	14.7	0.0	33.7		

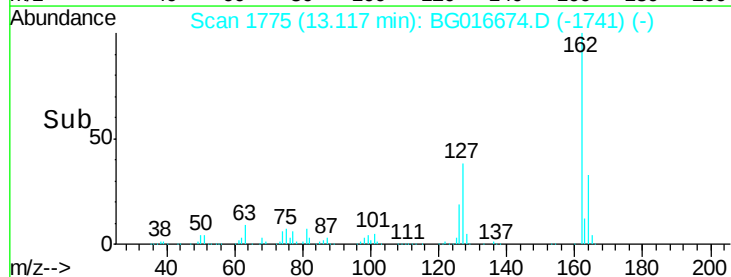
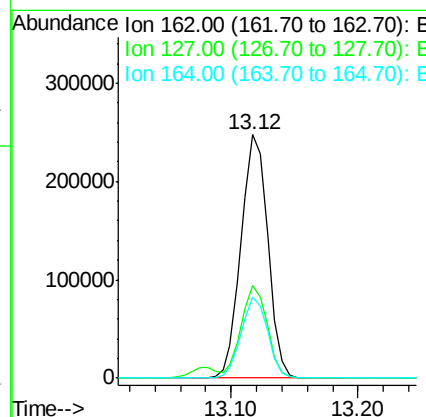
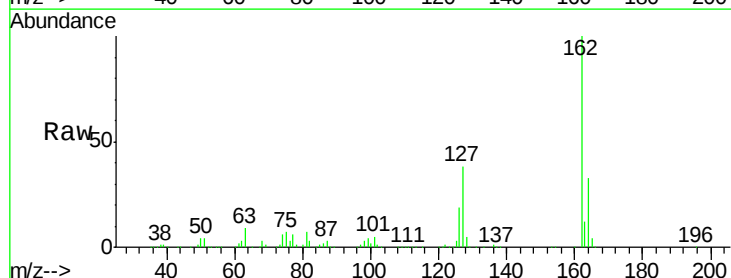
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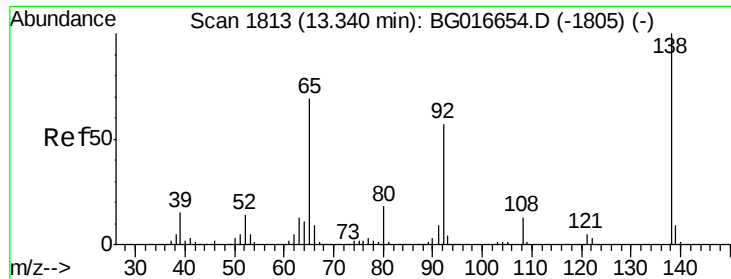
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#46
 2-Chloronaphthalene
 Concen: 45.66 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100		361422		
127	38.0	30.4	45.6		
164	33.4	26.9	40.3		





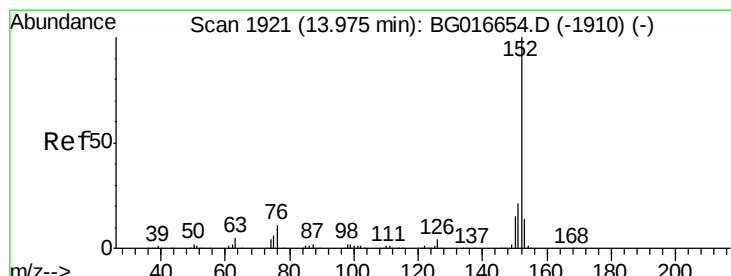
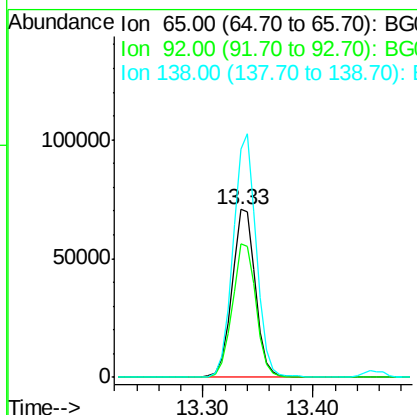
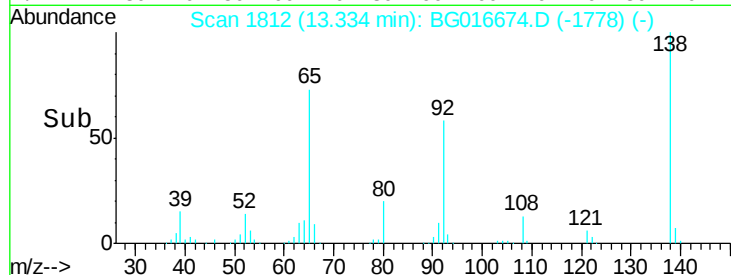
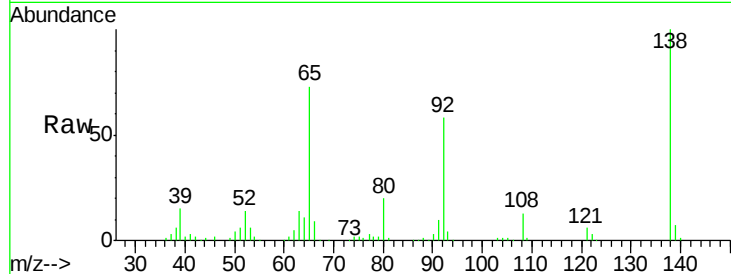
#47
 2-Nitroaniline
 Concen: 48.49 ng
 RT: 13.33 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	104684		
92	79.3	65.9	98.9	
138	136.1	115.4	173.2	

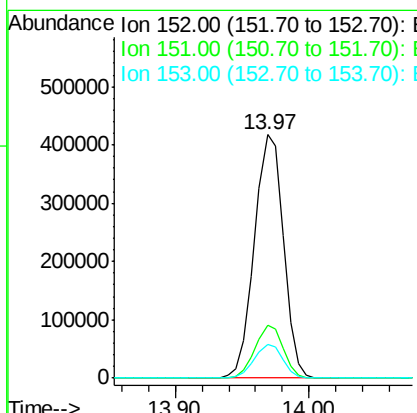
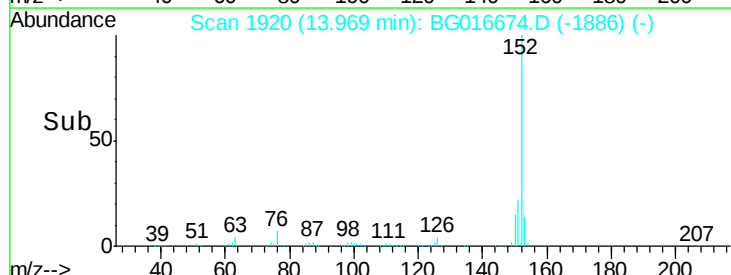
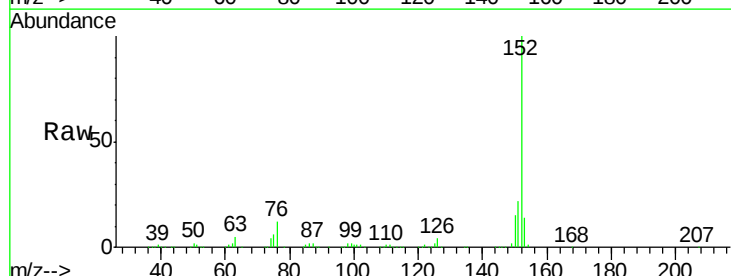
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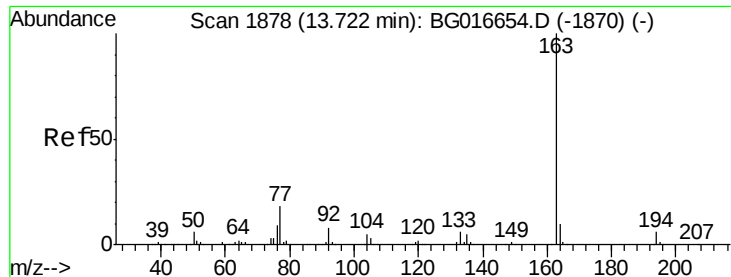
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#48
 Acenaphthylene
 Concen: 45.08 ng
 RT: 13.97 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	624923		
151	22.0	16.7	25.1	
153	14.1	11.0	16.6	





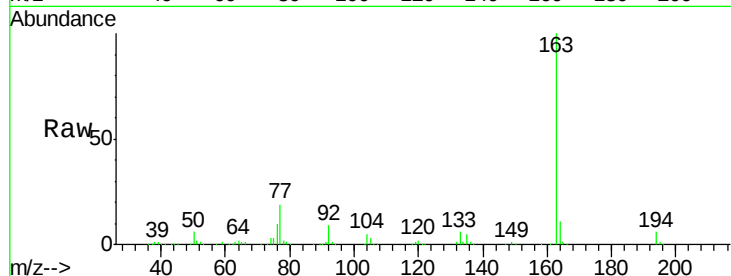
#49
Dimethylphthalate
Concen: 49.22 ng
RT: 13.72 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

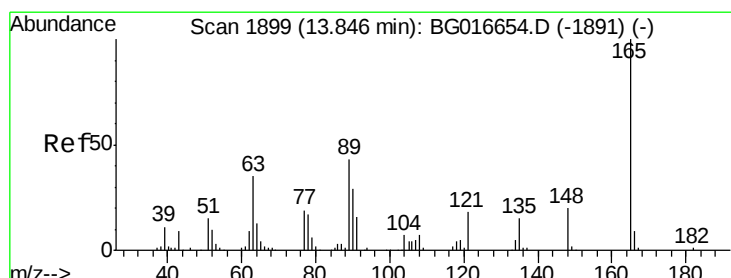
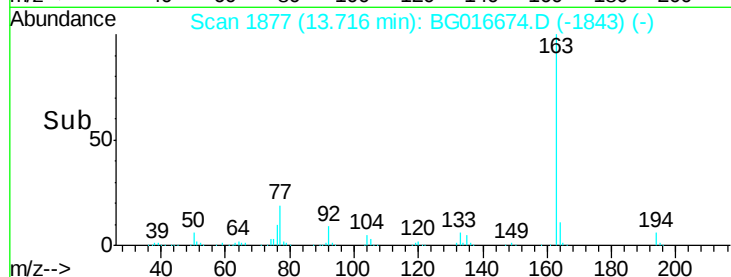
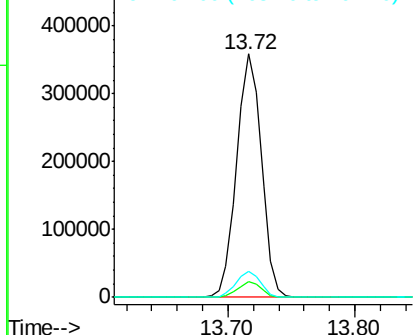
Tot Ion	Ratio	Resp	Lower	Upper
163	100	482727		
194	6.3	5.0	7.4	
164	10.6	7.8	11.8	

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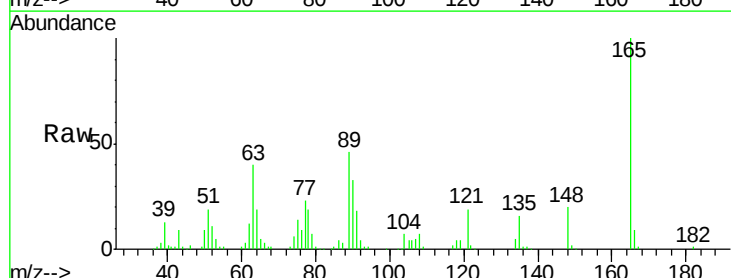


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

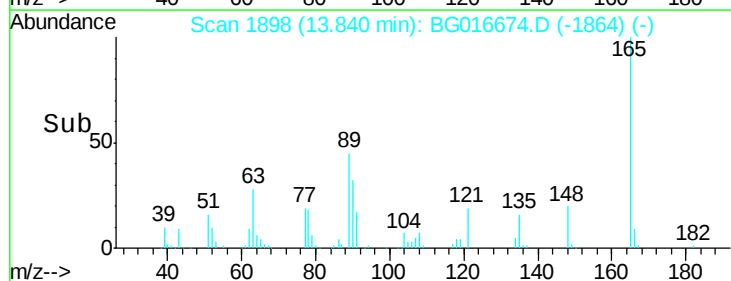
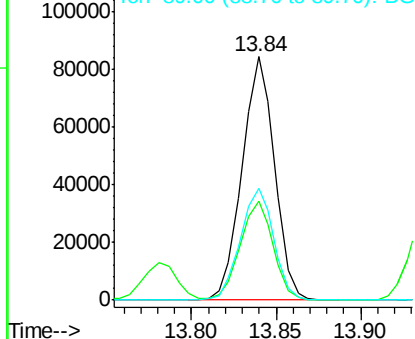


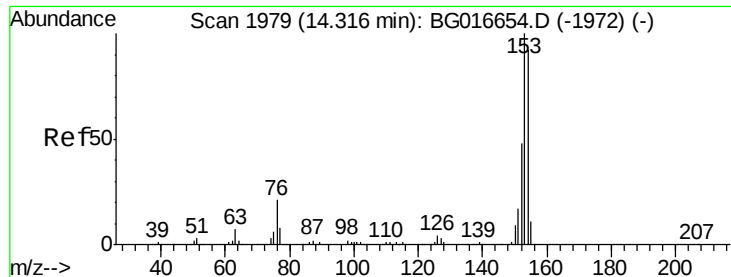
#50
2,6-Dinitrotoluene
Concen: 46.80 ng
RT: 13.84 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112634		
63	40.5	31.5	47.3	
89	45.7	34.7	52.1	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG016674.D (-1864) (-)
Ion 89.00 (88.70 to 89.70): BG016674.D (-1864) (-)





#51

Acenaphthene

Concen: 45.50 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

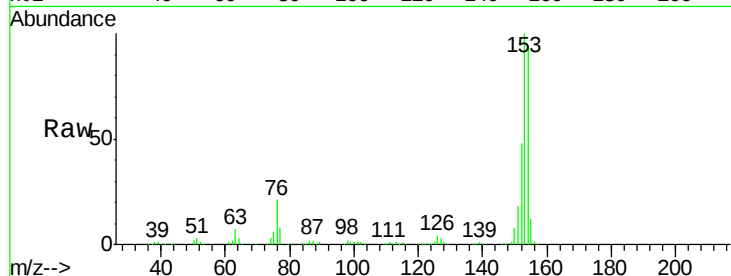
ClientSampleId :

PS-20(5-10)MSD

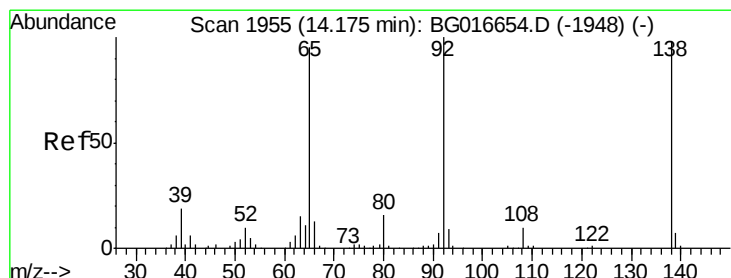
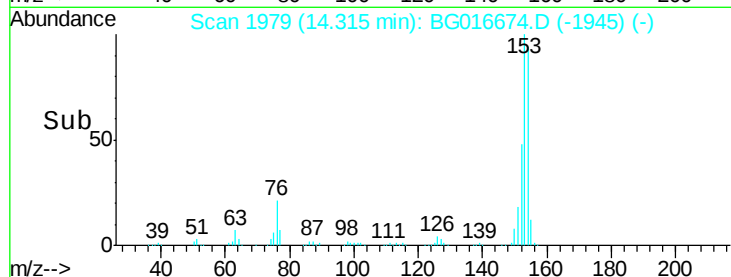
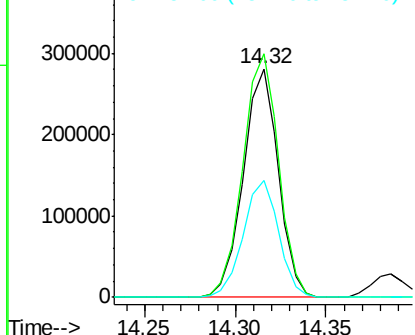
Tot Ion:	154	Resp:	378561
Ion Ratio	Lower	Upper	
154	100		
153	106.6	87.0	130.6
152	51.1	41.6	62.4

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



#52

3-Nitroaniline

Concen: 22.31 ng

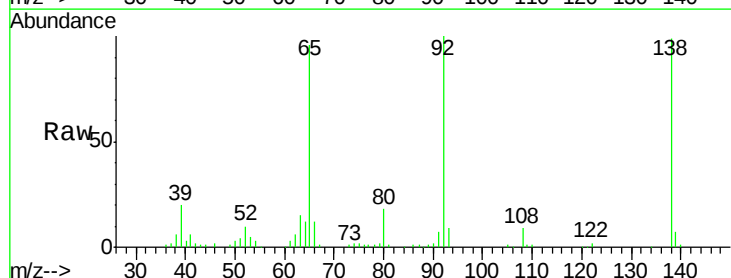
RT: 14.17 min Scan# 1954

Delta R.T. -0.00 min

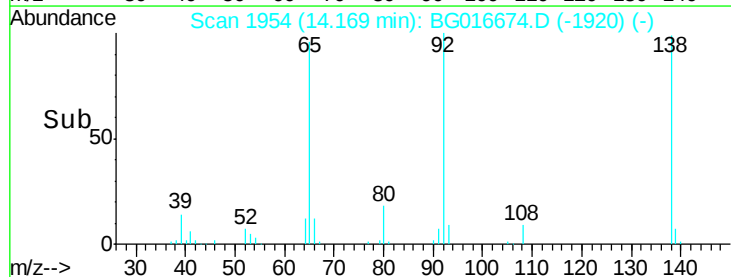
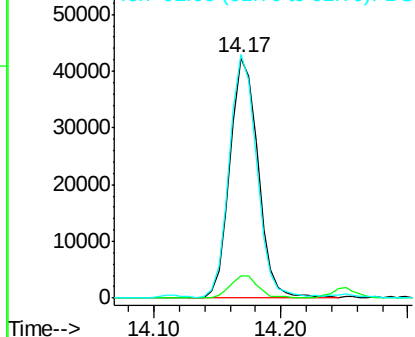
Lab File: BG016674.D

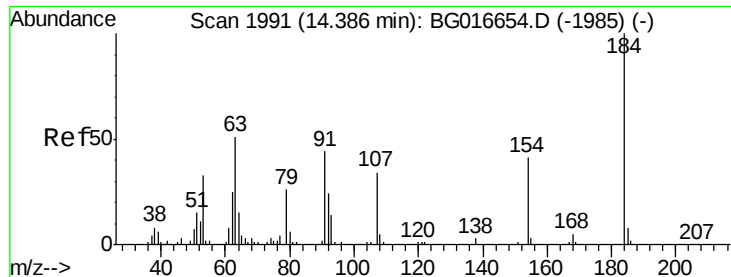
Acq: 24 Apr 2015 5:33

Tgt Ion:	138	Resp:	64887
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.6
92	101.4	81.9	122.9



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





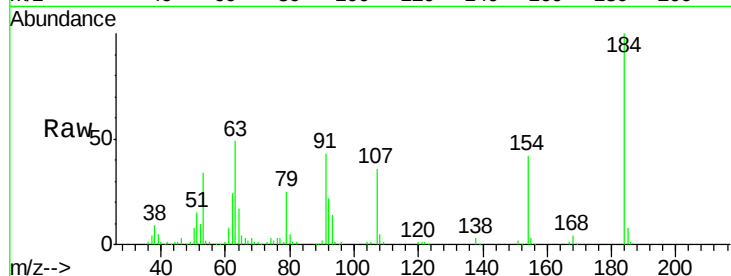
#53
2,4-Dinitrophenol
Concen: 75.97 ng
RT: 14.39 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

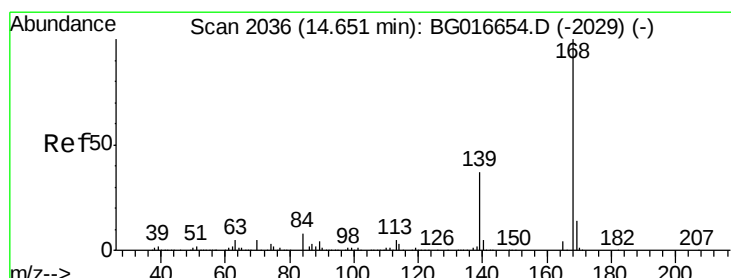
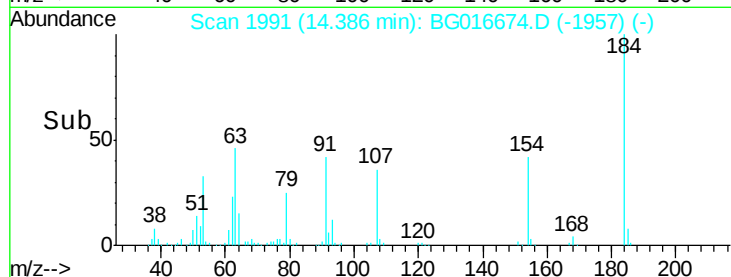
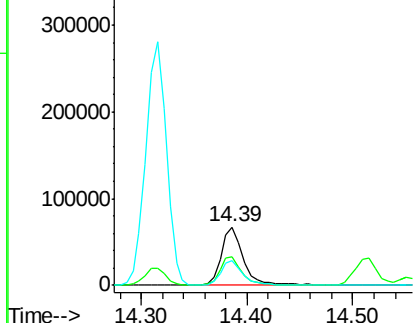
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	48.6	40.7	61.1	
154	41.8	34.1	51.1	

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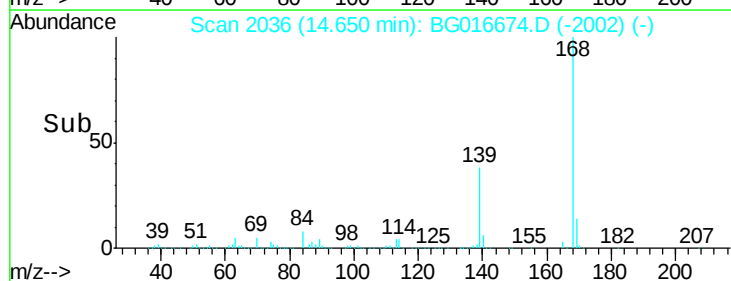
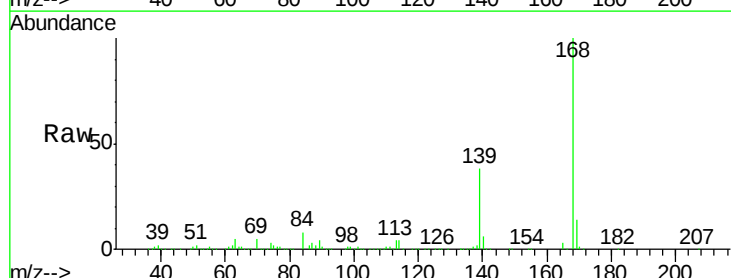
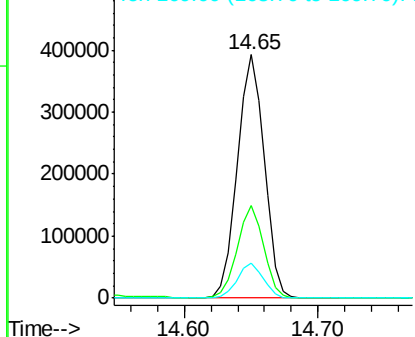
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

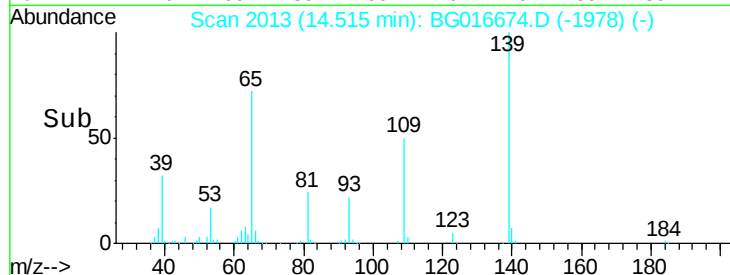
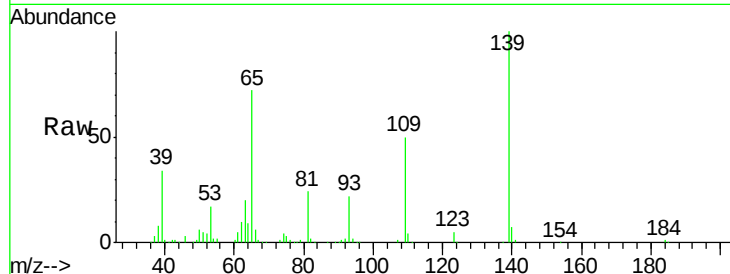


#54
Dibenzofuran
Concen: 46.67 ng
RT: 14.65 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.1	29.8	44.8	
169	14.3	11.0	16.4	

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





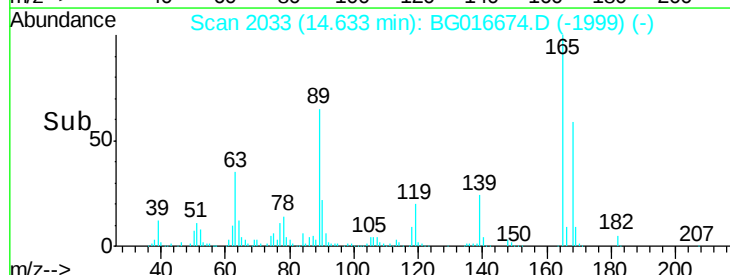
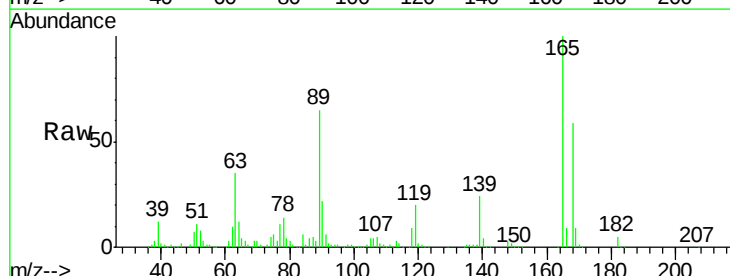
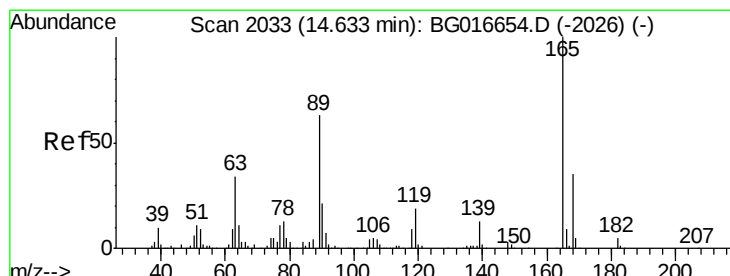
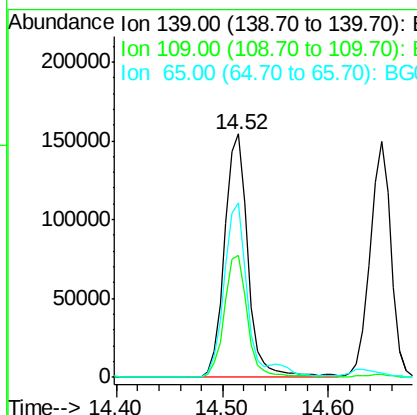
#55
4-Nitrophenol
Concen: 109.01 ng
RT: 14.52 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	237602		
109	50.0	27.8	67.8	
65	71.7	46.3	86.3	

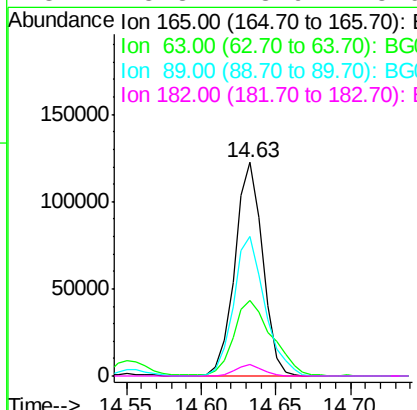
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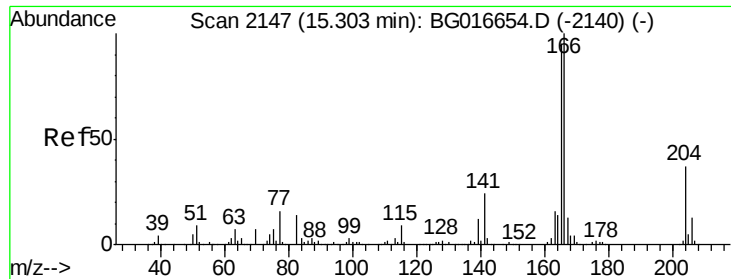
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#56
2,4-Dinitrotoluene
Concen: 48.26 ng
RT: 14.63 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159098		
63	35.5	27.4	41.0	
89	65.3	50.6	75.8	
182	5.3	3.9	5.9	





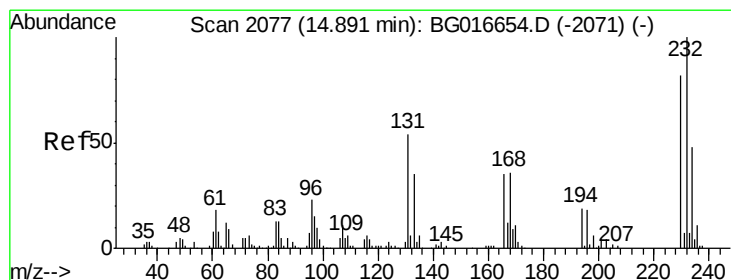
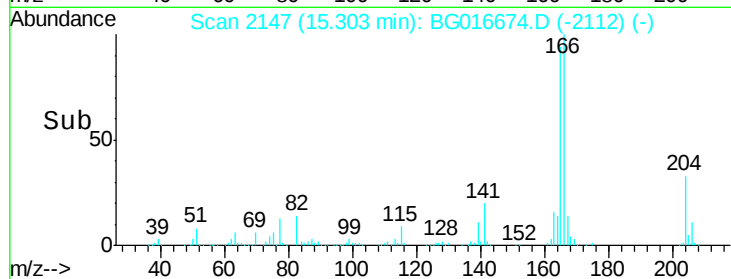
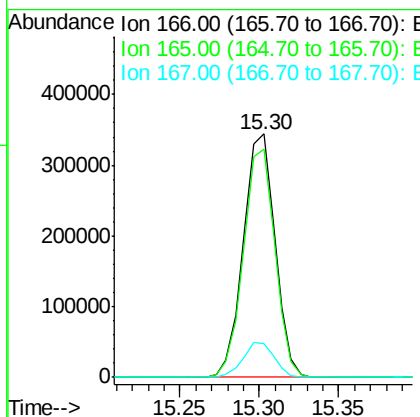
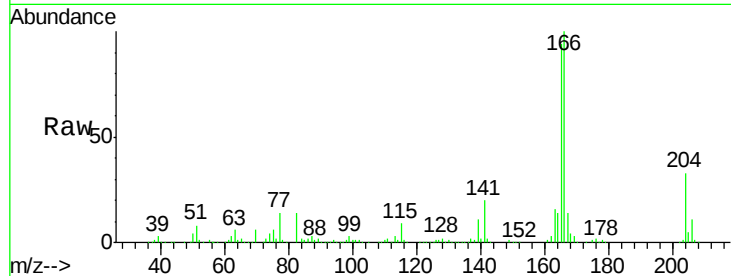
#57
 Fluorene
 Concen: 46.75 ng
 RT: 15.30 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	479617		
165	93.6	75.6	113.4	
167	13.9	10.7	16.1	

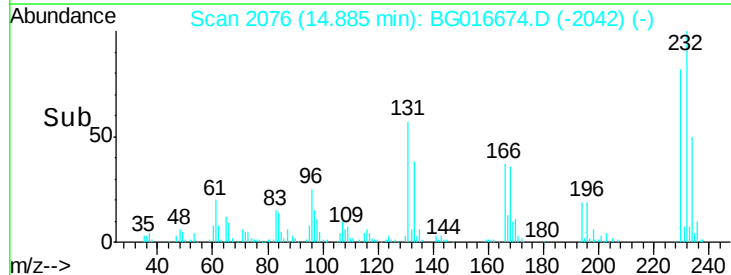
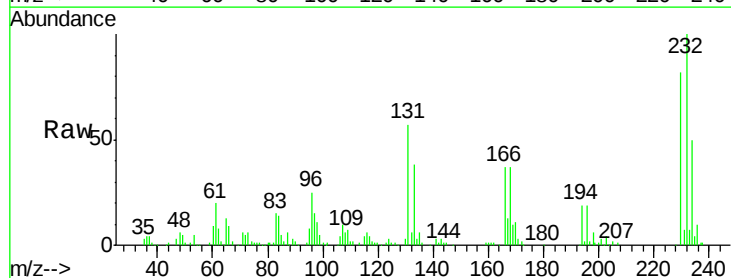
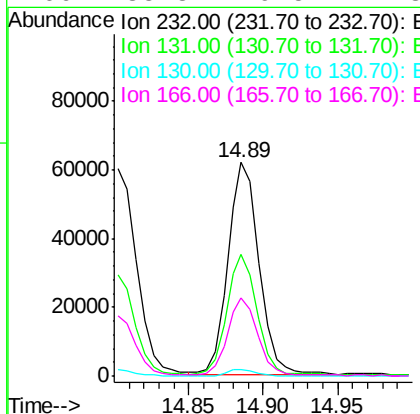
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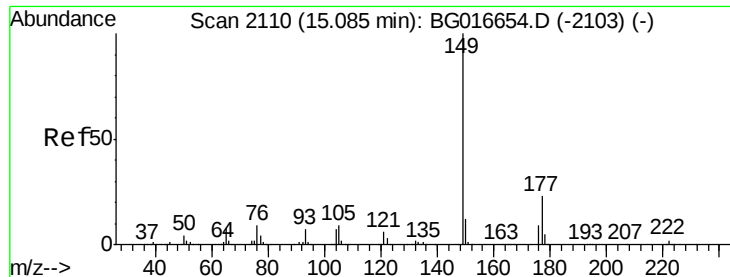
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.40 ng
 RT: 14.89 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	90274		
131	55.9	43.9	65.9	
130	2.8	2.4	3.6	
166	35.8	29.5	44.3	





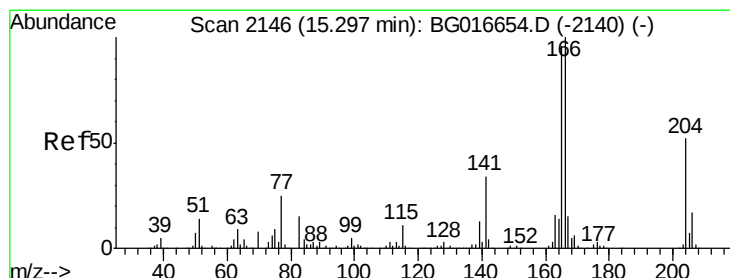
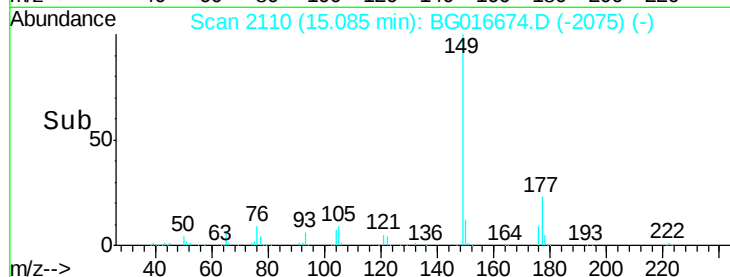
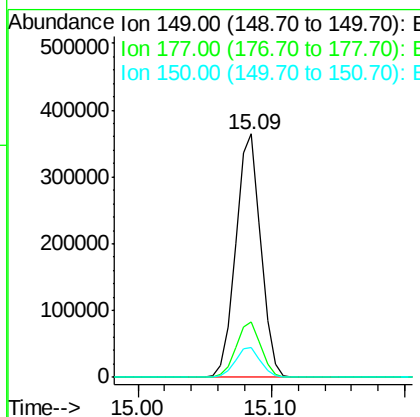
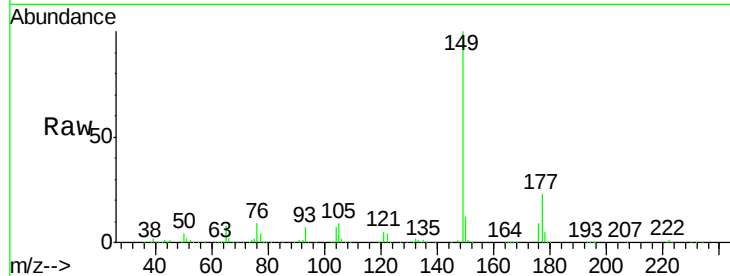
#59
Diethylphthalate
Concen: 46.29 ng
RT: 15.09 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	473101		
177	22.6	18.2	27.2	
150	12.0	9.8	14.8	

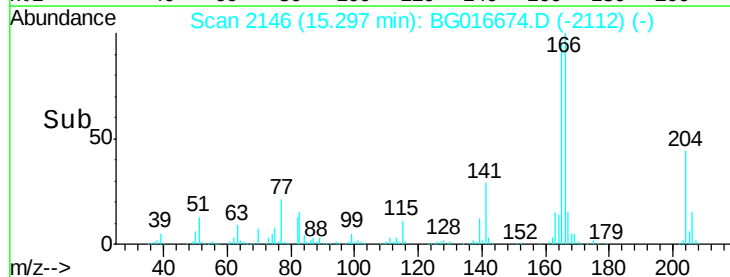
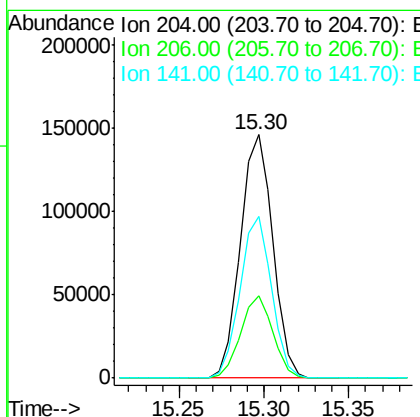
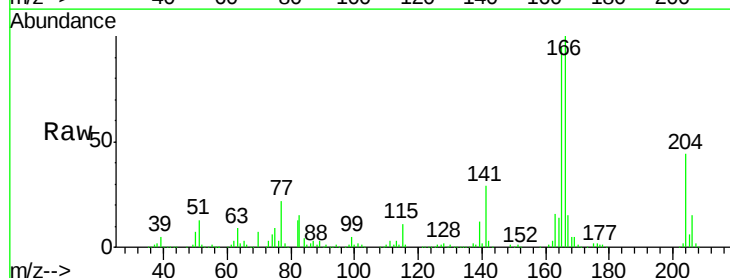
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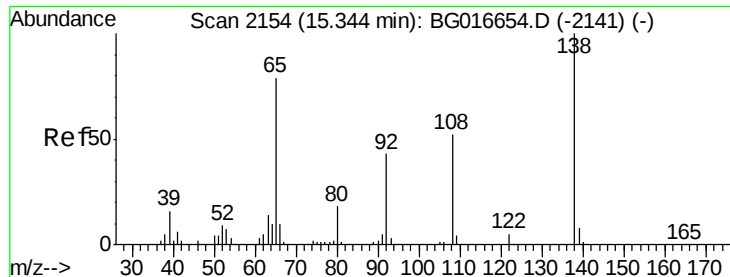
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#60
4-Chlorophenyl-phenylether
Concen: 45.65 ng
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	195562		
206	33.7	26.2	39.4	
141	66.5	52.3	78.5	





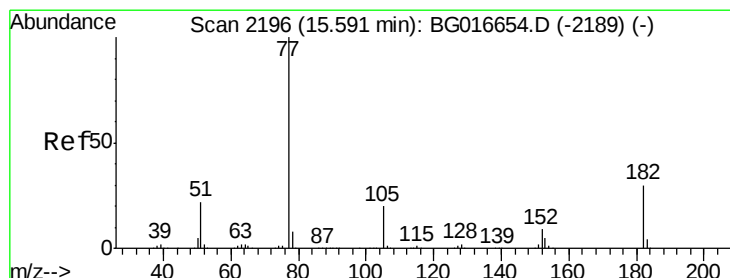
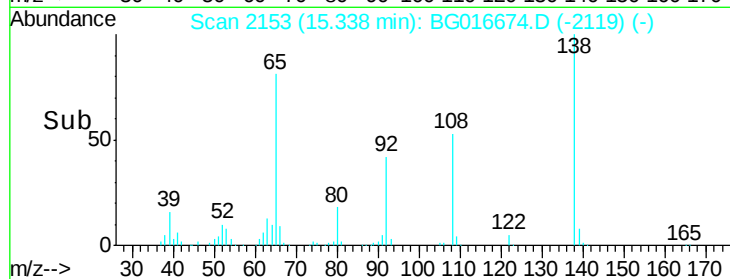
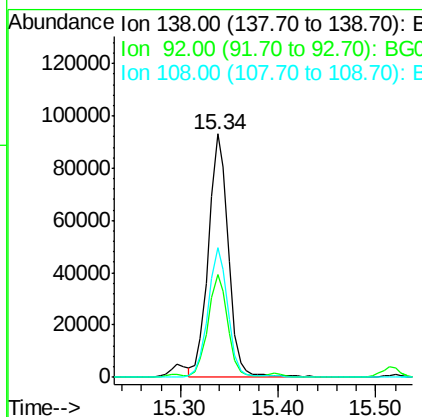
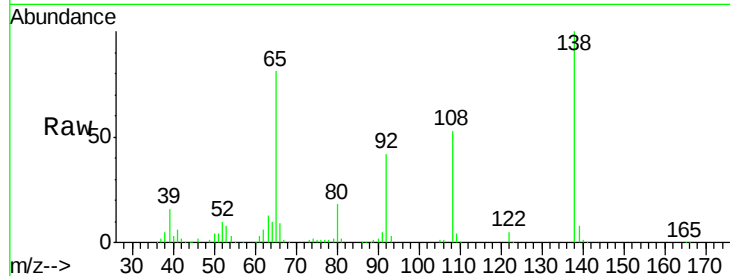
#61
4-Nitroaniline
Concen: 41.12 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion:	138	Resp:	132312
Ion Ratio	Lower	Upper	
138	100		
92	42.2	23.1	63.1
108	53.0	31.7	71.7

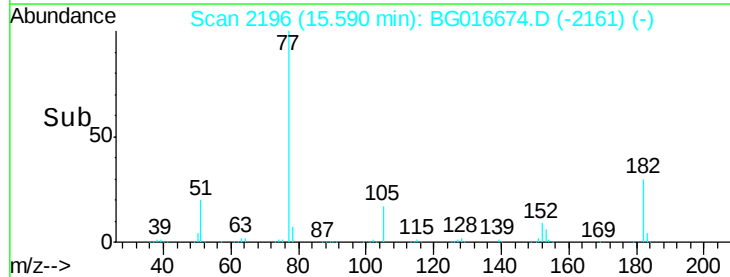
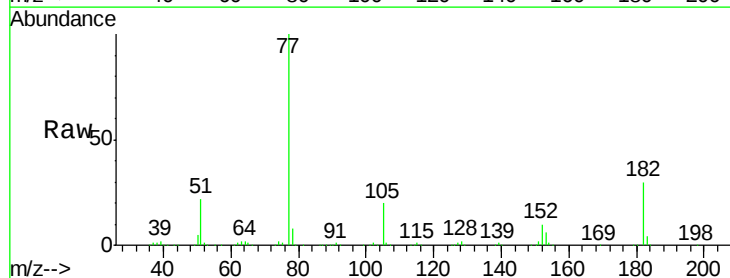
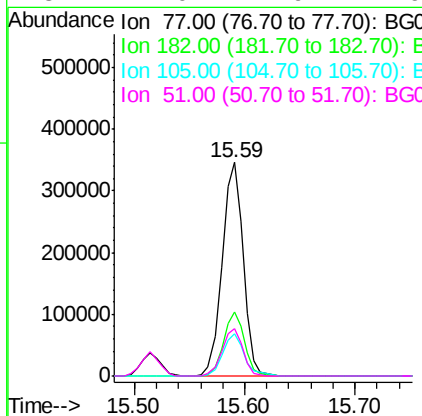
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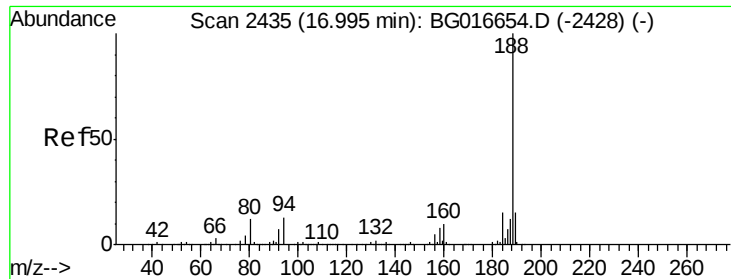
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#62
Azobenzene
Concen: 49.17 ng
RT: 15.59 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion:	77	Resp:	459031
Ion Ratio	Lower	Upper	
77	100		
182	30.1	9.8	49.8
105	19.7	0.0	39.5
51	22.0	1.9	41.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

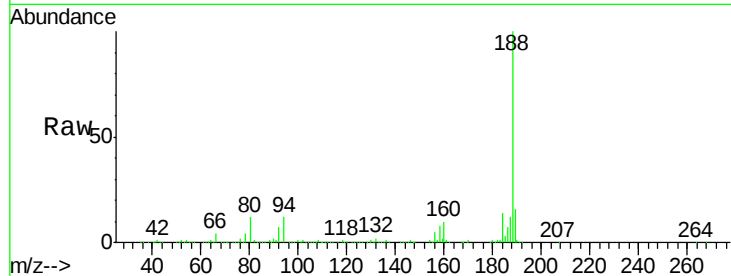
ClientSampleId :

PS-20(5-10)MSD

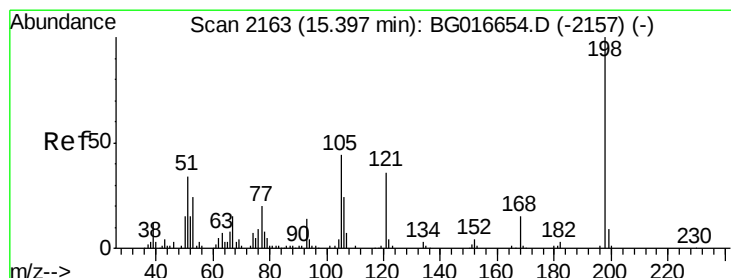
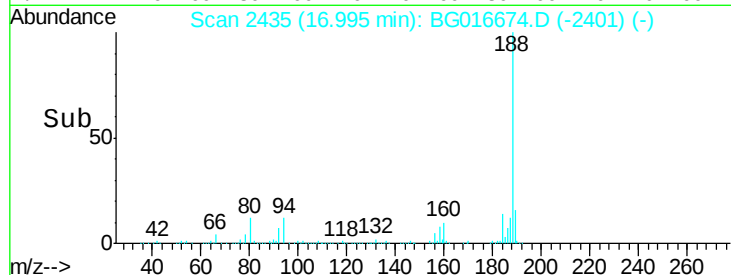
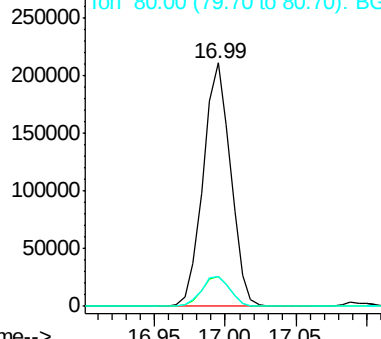
Tot Ion:	188	Resp:	286178
Ion Ratio	Lower	Upper	
188	100		
94	12.2	10.7	16.1
80	12.4	9.9	14.9

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 39.86 ng

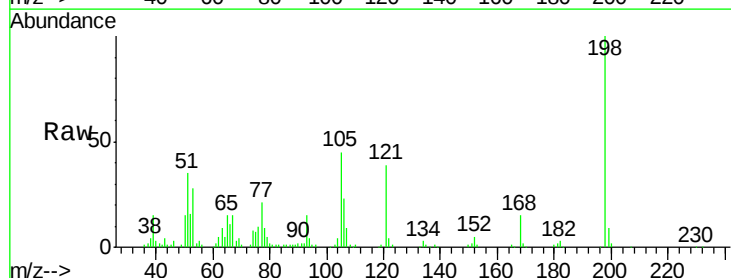
RT: 15.40 min Scan# 2163

Delta R.T. -0.00 min

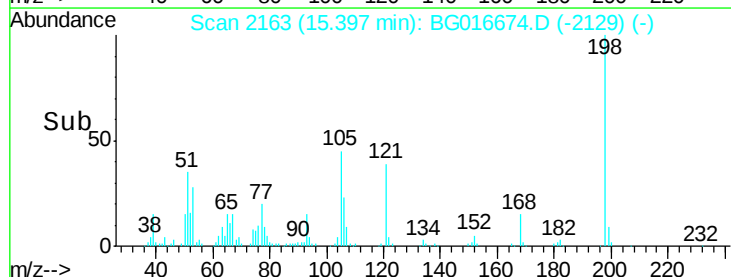
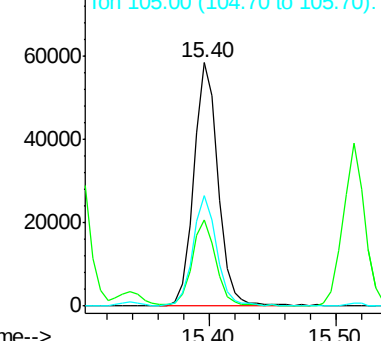
Lab File: BG016674.D

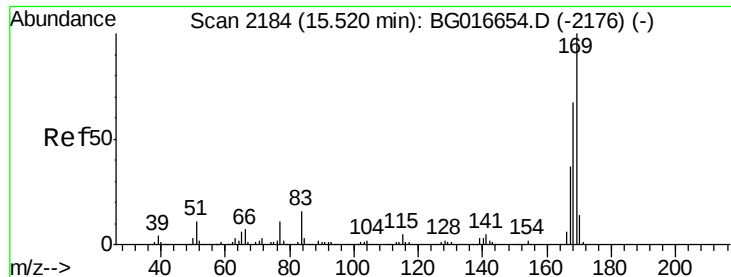
Acq: 24 Apr 2015 5:33

Tgt Ion:	198	Resp:	77182
Ion Ratio	Lower	Upper	
198	100		
51	35.4	14.9	54.9
105	45.3	24.6	64.6



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.48 ng

RT: 15.51 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

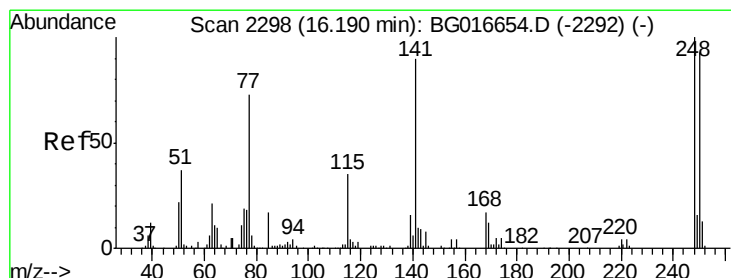
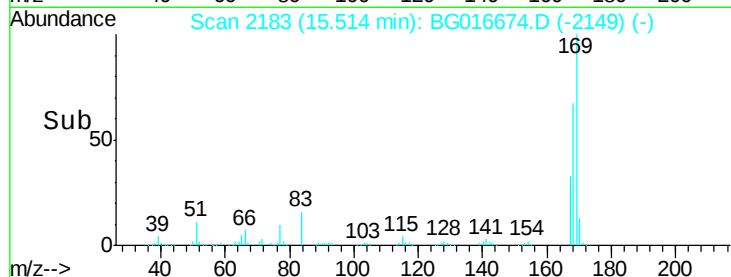
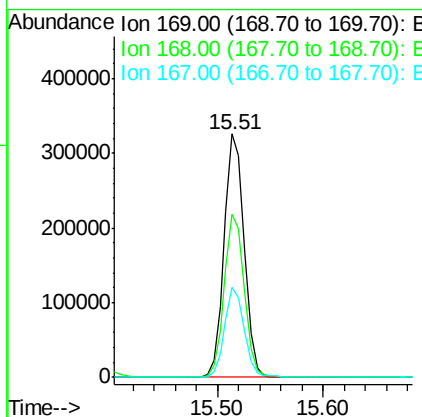
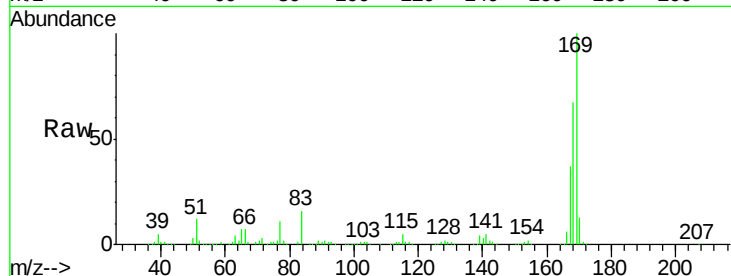
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	169	Resp:	426629
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.6	80.4
167	36.9	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 44.09 ng

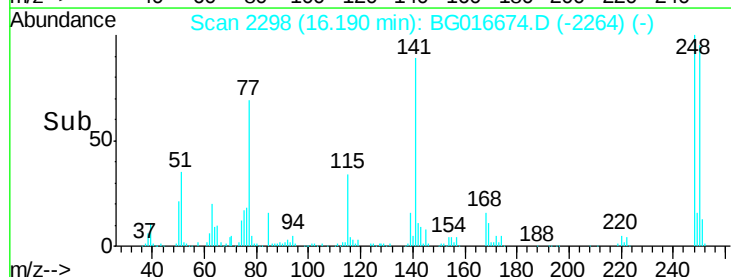
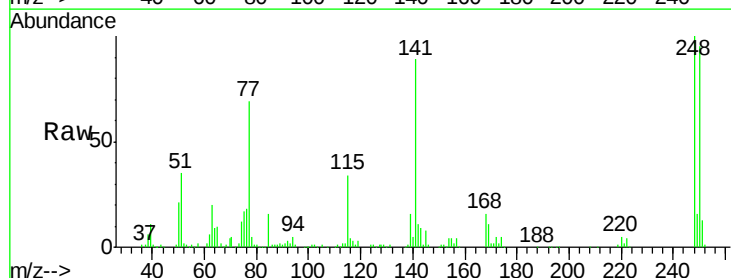
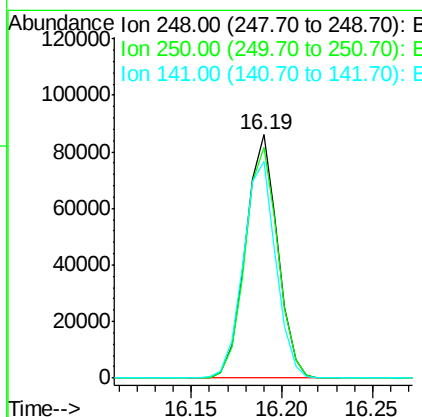
RT: 16.19 min Scan# 2298

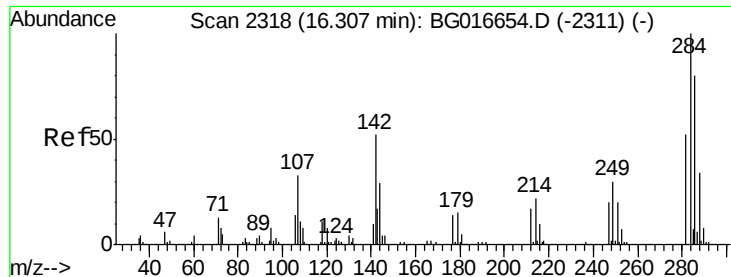
Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	248	Resp:	105445
Ion Ratio	Lower	Upper	
248	100		
250	95.0	74.8	112.2
141	89.0	72.0	108.0





#67

Hexachlorobenzene

Concen: 43.76 ng

RT: 16.31 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

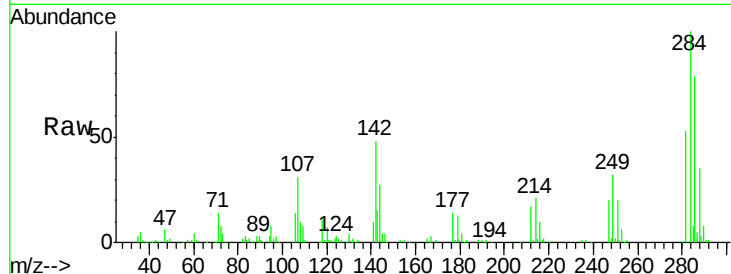
ClientSampleId :

PS-20(5-10)MSD

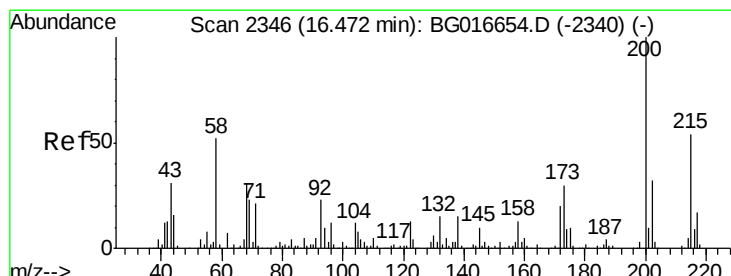
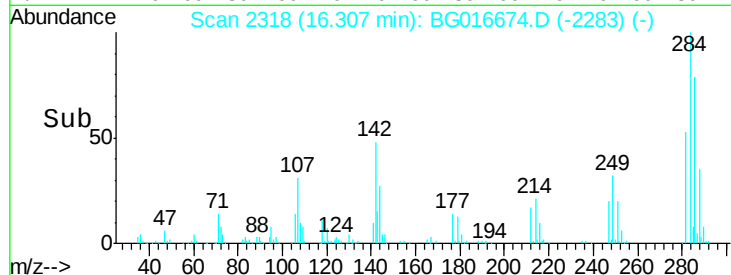
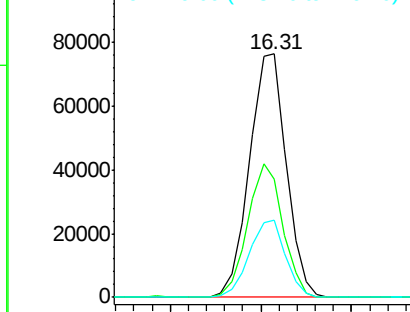
Tot Ion:	284	Resp:	107632
Ion Ratio		Lower	Upper
284	100		
142	48.5	41.5	62.3
249	31.9	24.2	36.4

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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: 52.71 ng

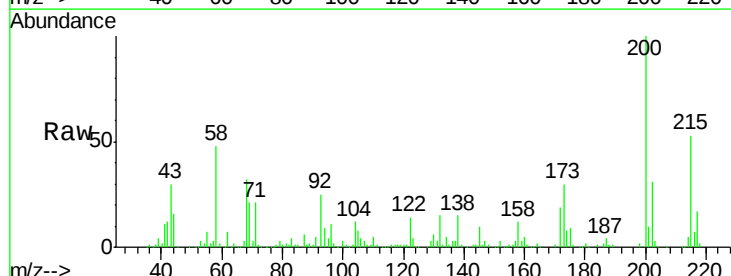
RT: 16.47 min Scan# 2346

Delta R.T. 0.00 min

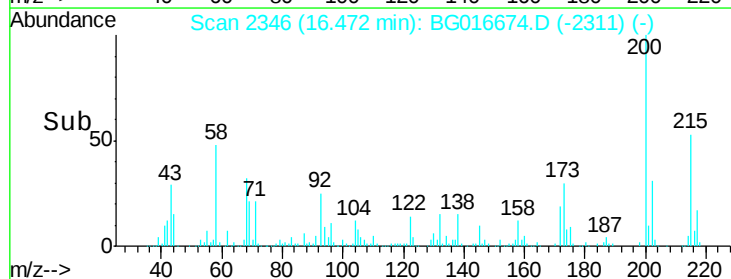
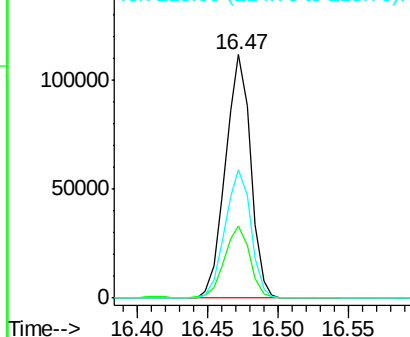
Lab File: BG016674.D

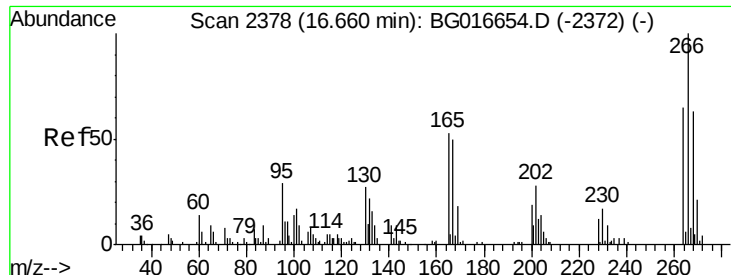
Acq: 24 Apr 2015 5:33

Tgt Ion:	200	Resp:	138842
Ion Ratio		Lower	Upper
200	100		
173	29.6	9.8	49.8
215	52.8	33.7	73.7



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





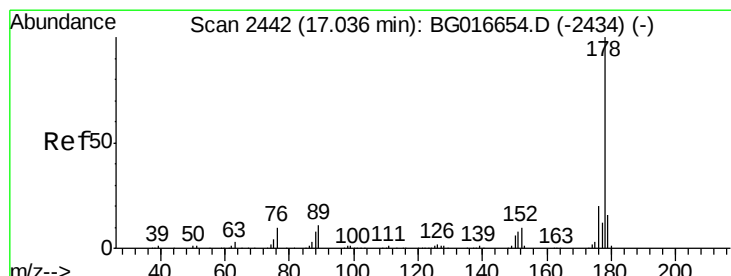
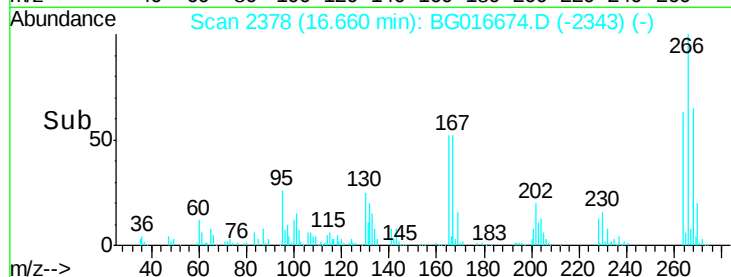
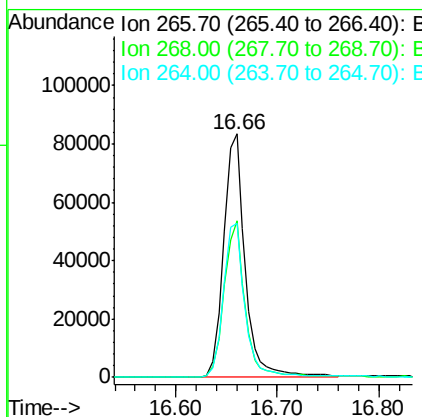
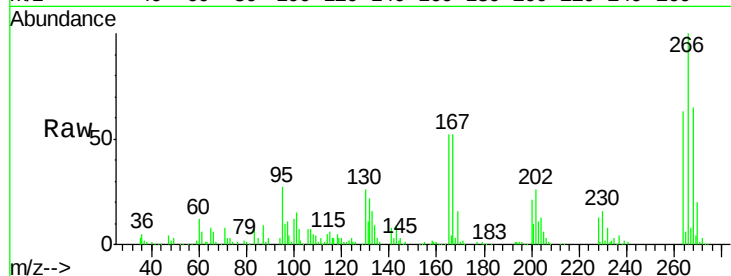
#69
 Pentachlorophenol
 Concen: 103.16 ng
 RT: 16.66 min Scan# 2378
 Delta R.T. 0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123194		
268	64.6	50.6	76.0	
264	63.3	51.8	77.6	

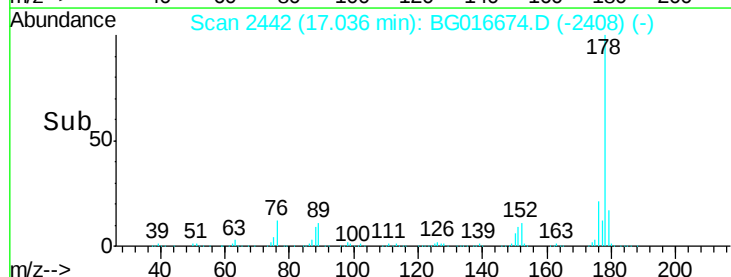
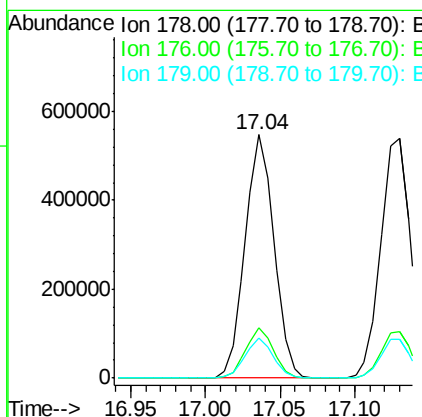
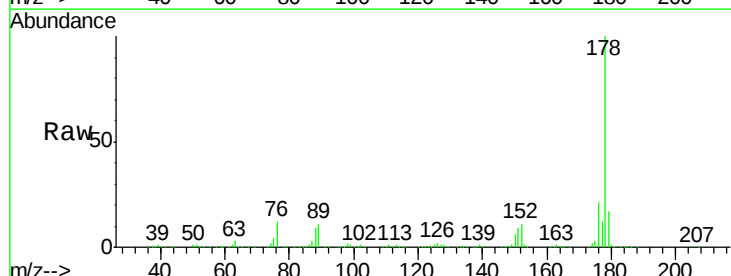
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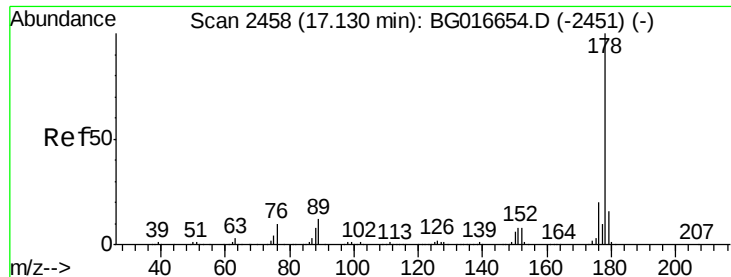
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#70
 Phenanthrene
 Concen: 44.68 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	734480		
176	20.7	15.8	23.6	
179	16.6	12.8	19.2	





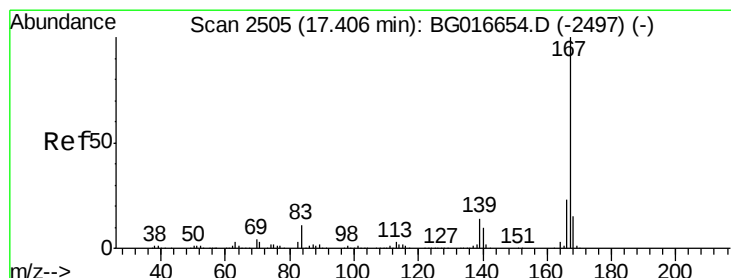
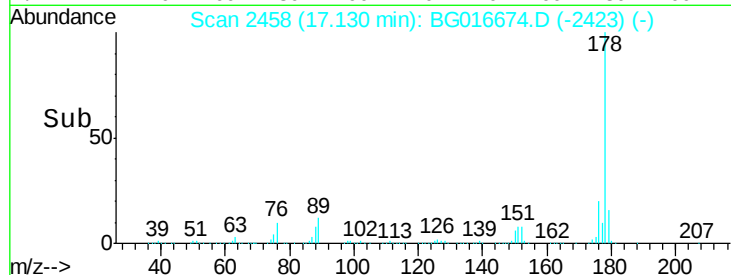
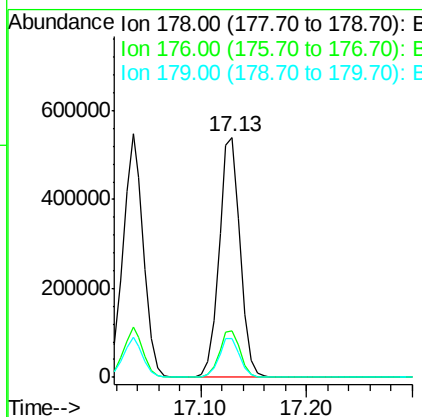
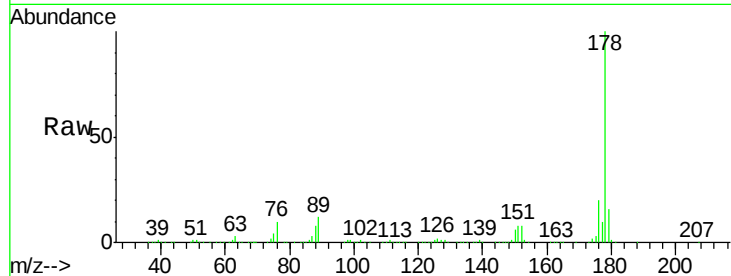
#71
 Anthracene
 Concen: 45.52 ng
 RT: 17.13 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.1	12.9	19.3

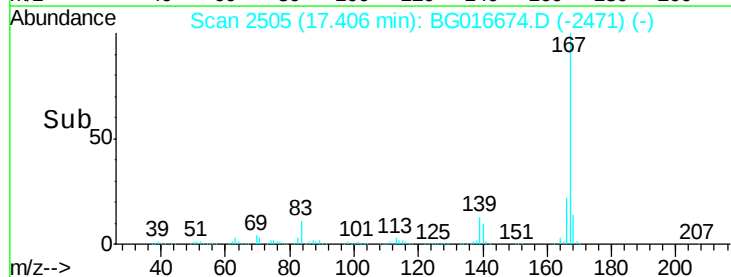
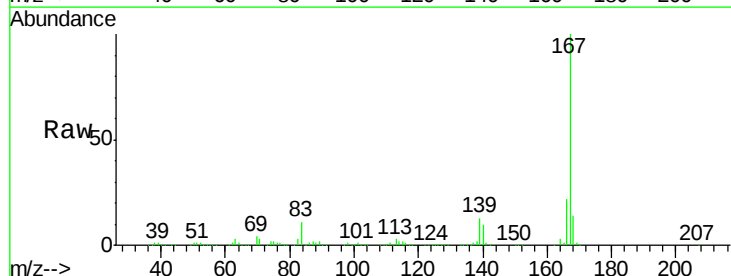
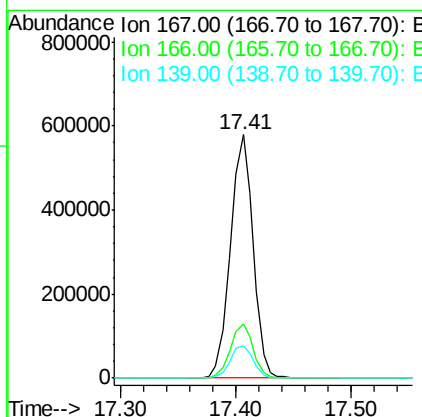
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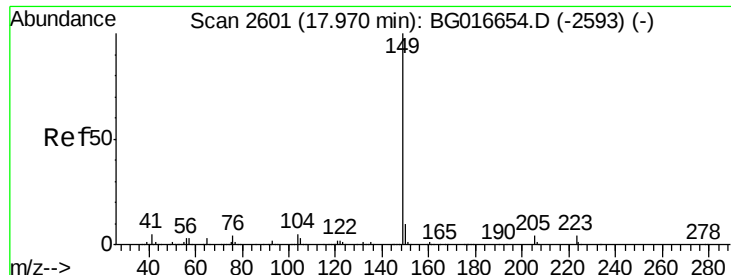
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#72
 Carbazole
 Concen: 47.92 ng
 RT: 17.41 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.4	27.6
139	13.3	11.1	16.7





#73

Di-n-butylphthalate

Concen: 47.62 ng

RT: 17.96 min Scan# 2600

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

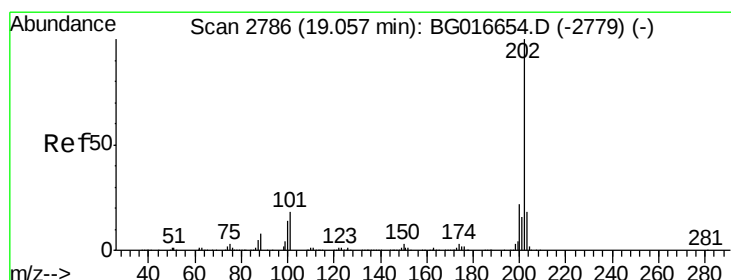
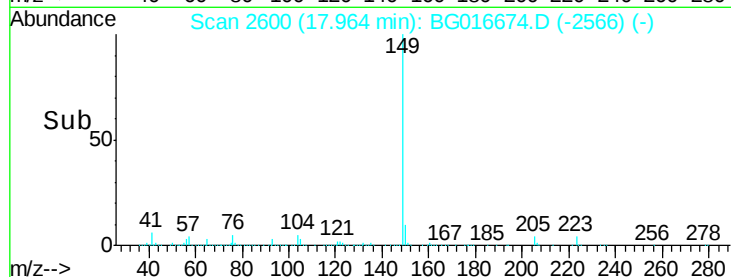
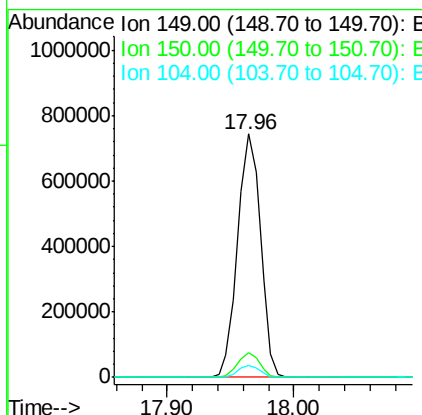
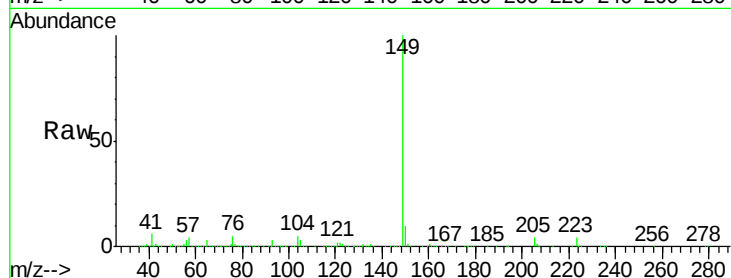
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	149	Resp:	929843
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.6
104	5.1	3.6	5.4

Manual Integrations
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#74

Fluoranthene

Concen: 46.57 ng

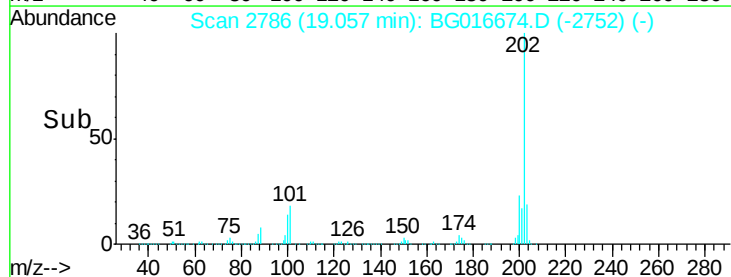
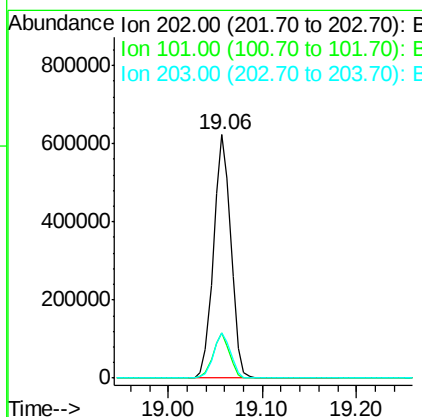
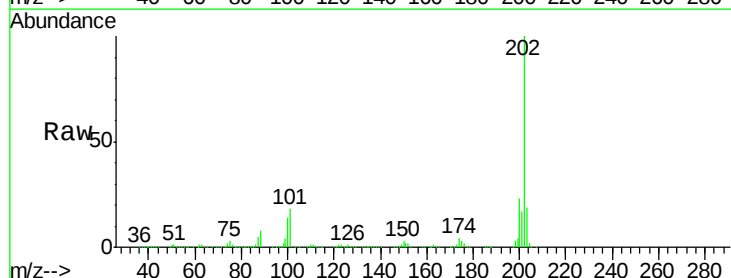
RT: 19.06 min Scan# 2786

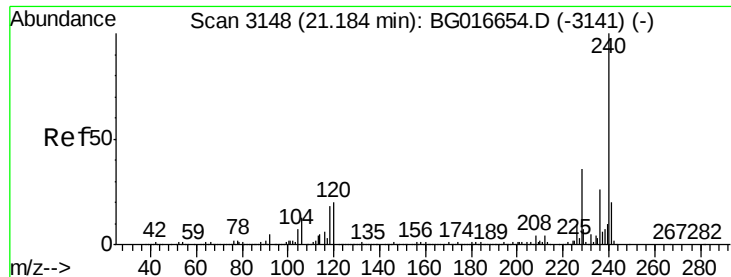
Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	202	Resp:	811353
Ion Ratio	Lower	Upper	
202	100		
101	18.4	0.0	38.1
203	18.8	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

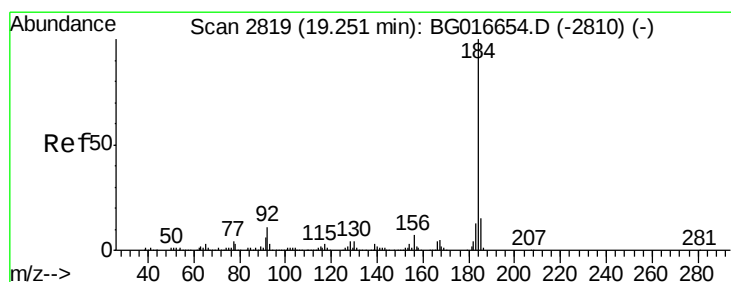
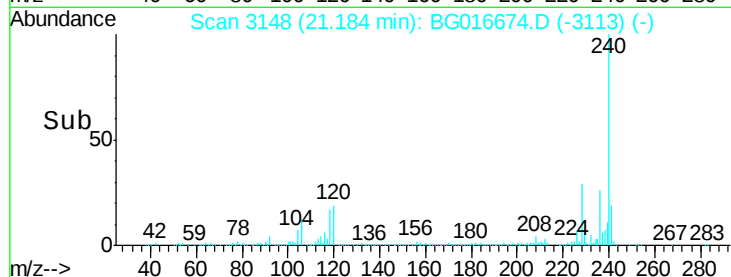
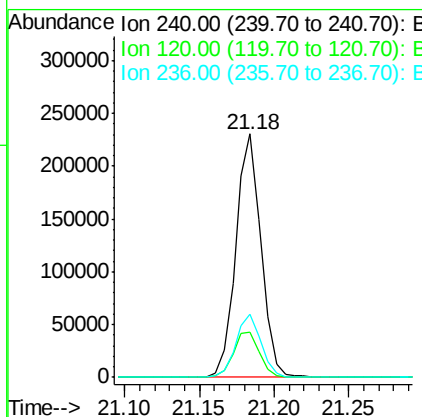
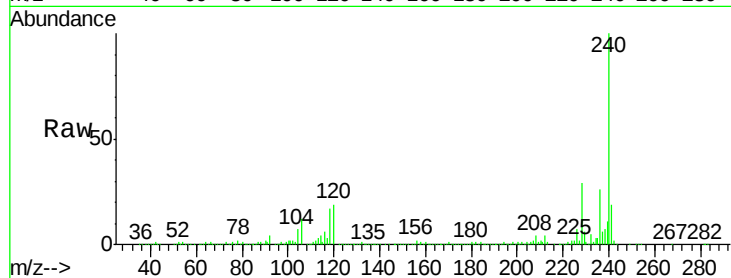
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	240	Resp:	270810
Ion Ratio		Lower	Upper
240	100		
120	18.7	16.3	24.5
236	26.0	21.1	31.7

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#76

Benzidine

Concen: 15.18 ng

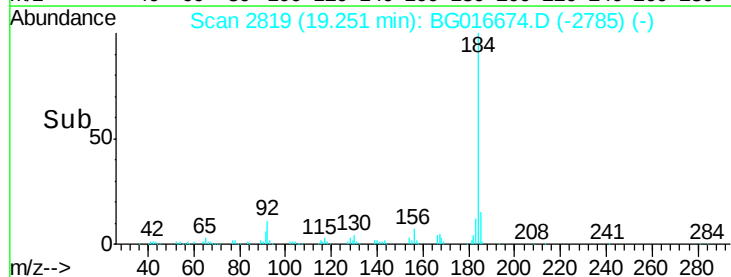
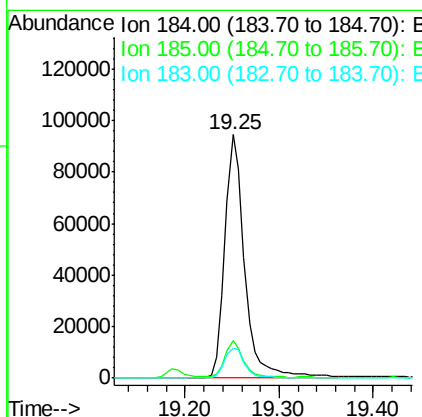
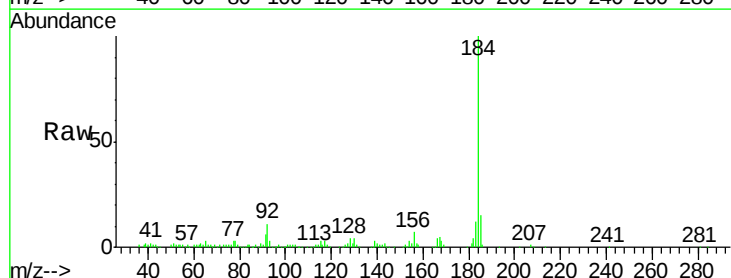
RT: 19.25 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	184	Resp:	139986
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.3	18.5
183	12.1	10.1	15.1





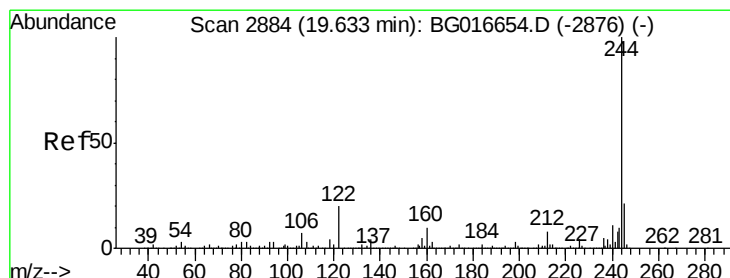
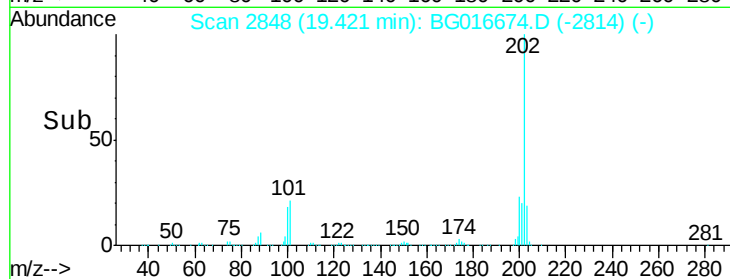
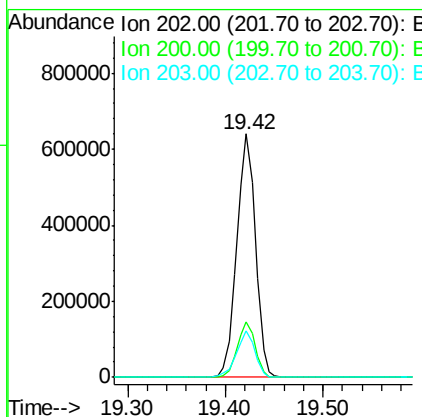
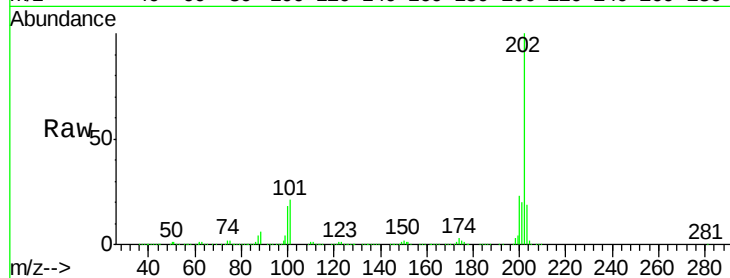
#77
Pvrene
Concen: 44.86 ng
RT: 19.42 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.0	27.0
203	19.0	14.9	22.3

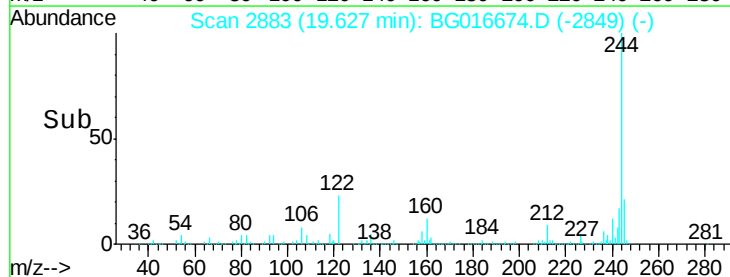
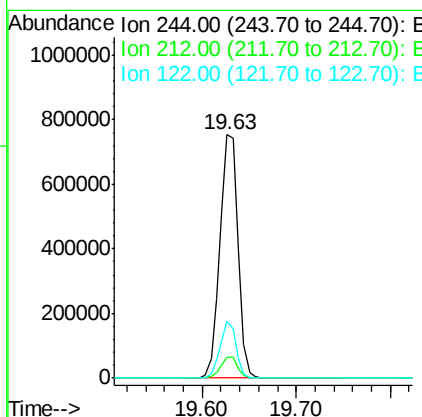
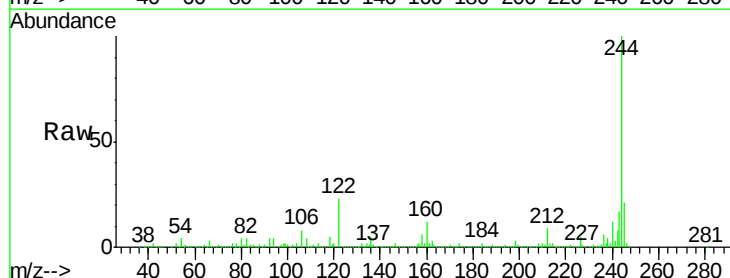
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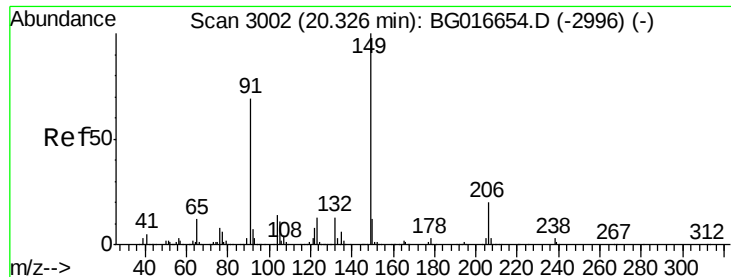
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#78
Terphenyl-d14
Concen: 85.98 ng
RT: 19.63 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.4	9.6
122	23.3	15.9	23.9





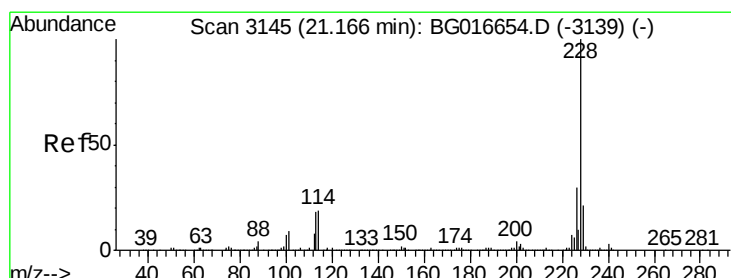
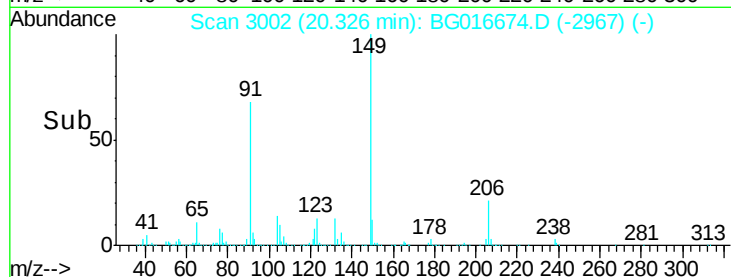
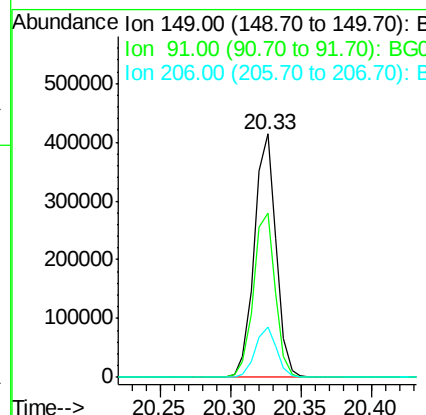
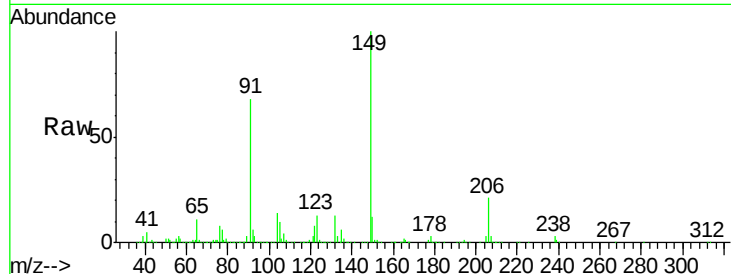
#79
Butylbenzylphthalate
Concen: 47.99 ng
RT: 20.33 min Scan# 3002
Delta R.T. 0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	449150		
91	67.7	55.4	83.0	
206	20.7	16.4	24.6	

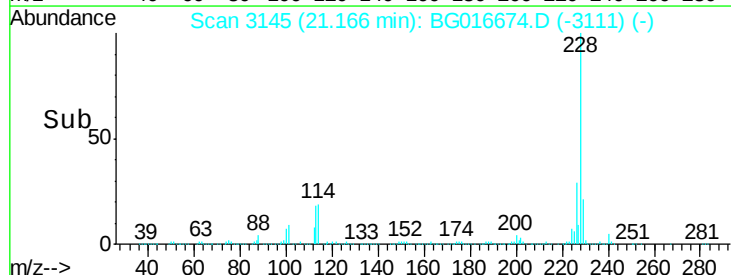
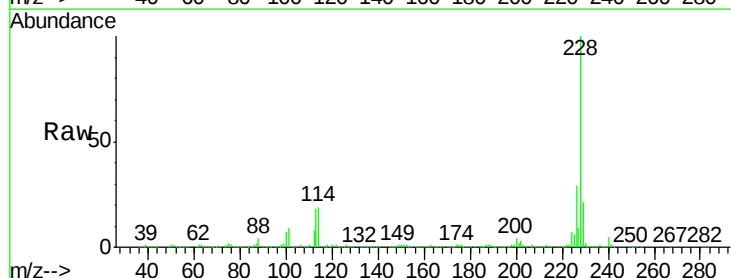
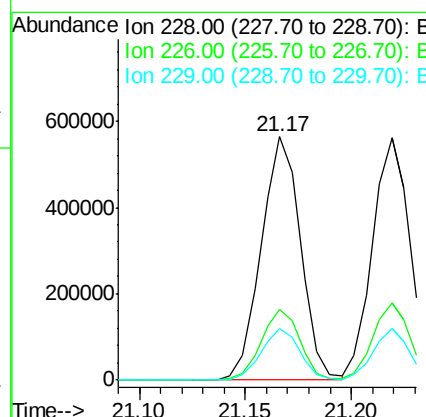
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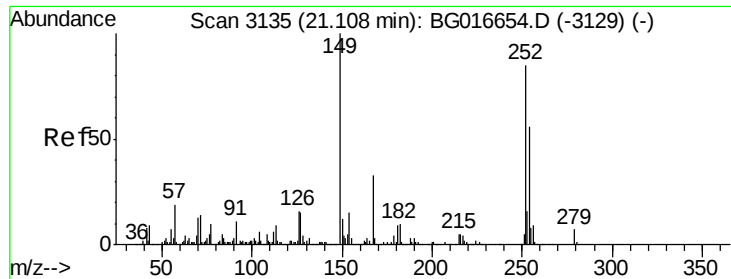
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#80
Benzo(a)anthracene
Concen: 44.55 ng
RT: 21.17 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	731505		
226	29.3	23.8	35.6	
229	21.0	17.0	25.4	





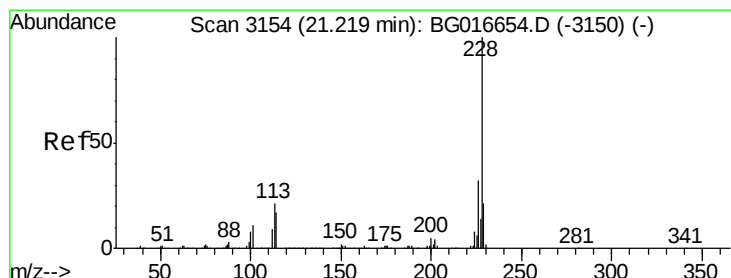
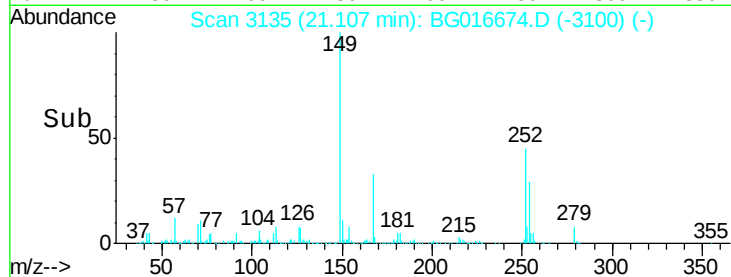
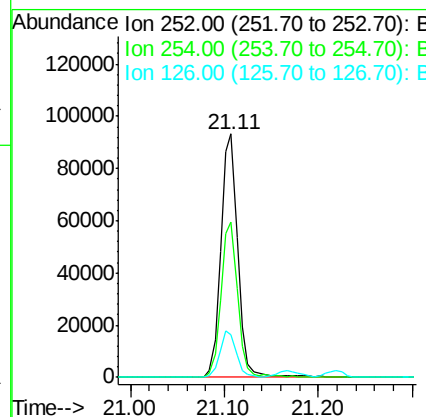
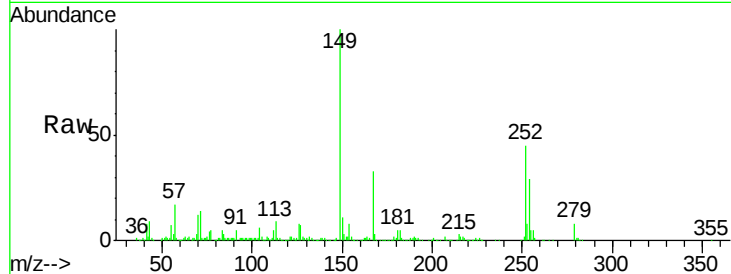
#81
 3,3'-Dichlorobenzidine
 Concen: 22.02 ng
 RT: 21.11 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		117843		
254	63.8	52.7	79.1		
126	17.7	15.3	22.9		

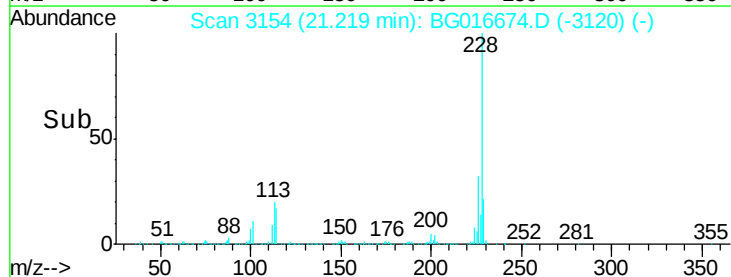
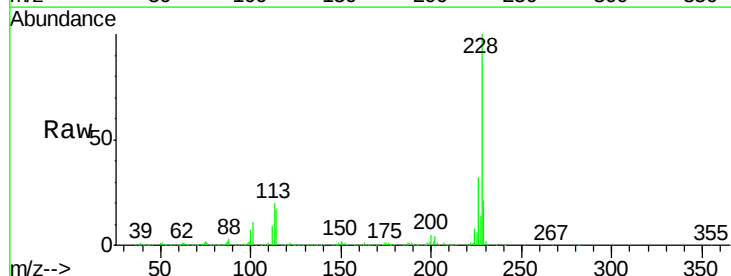
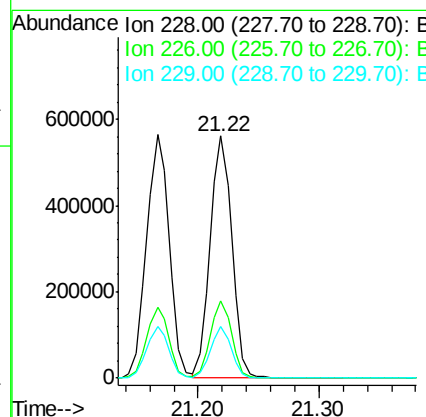
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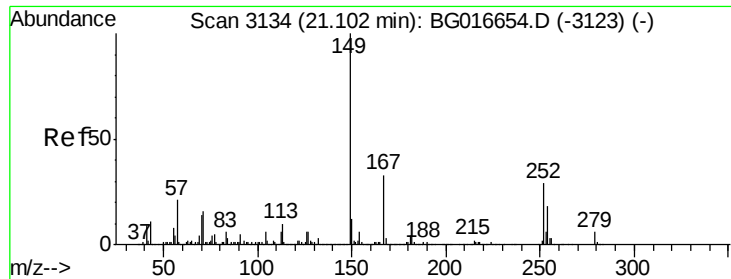
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#82
 Chrysene
 Concen: 44.15 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		695094		
226	32.1	25.4	38.0		
229	21.3	16.5	24.7		





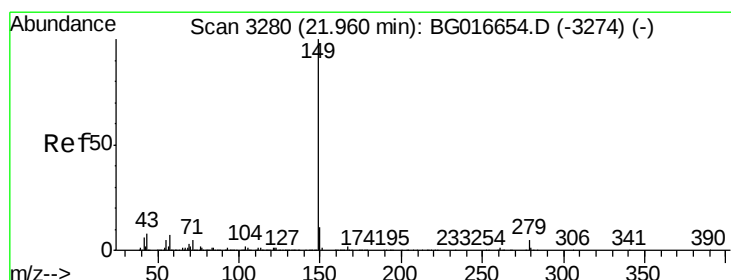
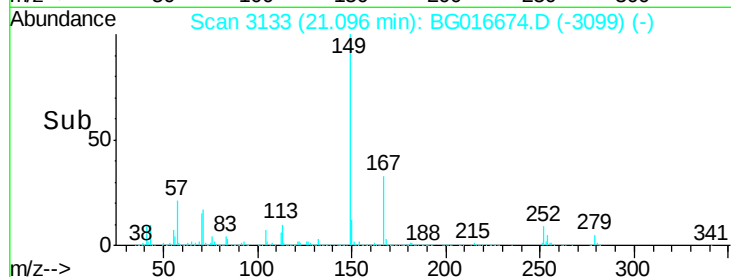
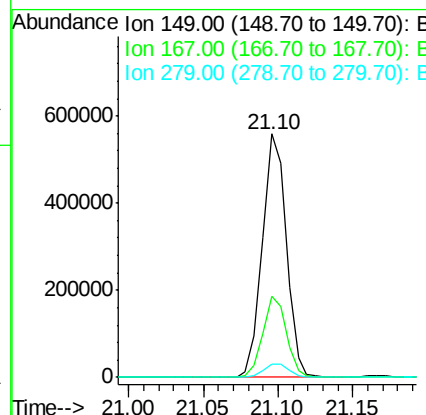
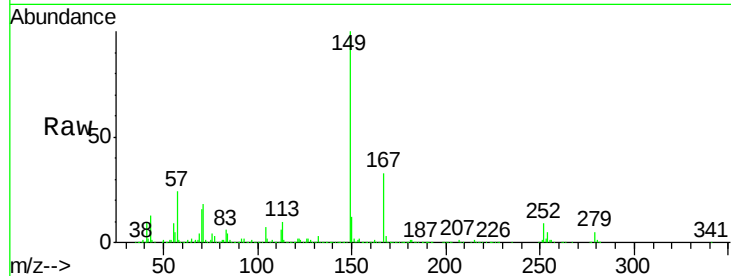
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.40 ng
 RT: 21.10 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	616211		
167	33.3	26.6	39.8	
279	5.4	5.1	7.7	

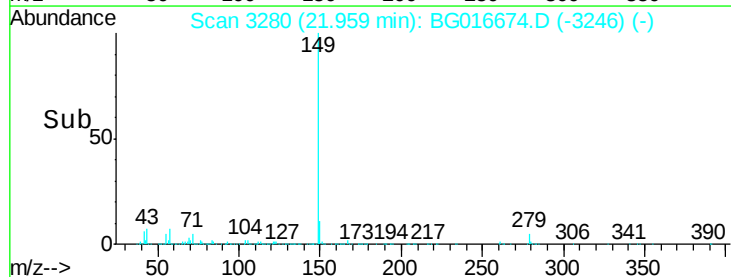
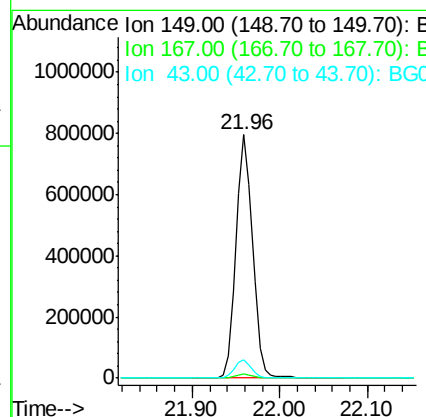
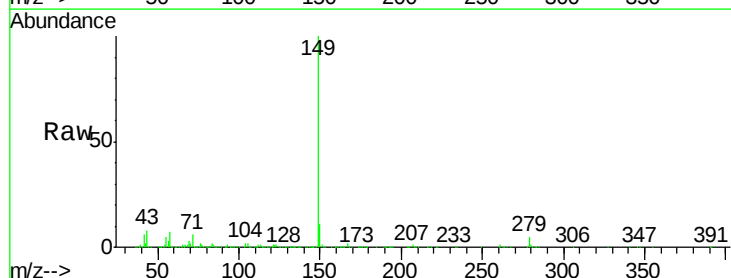
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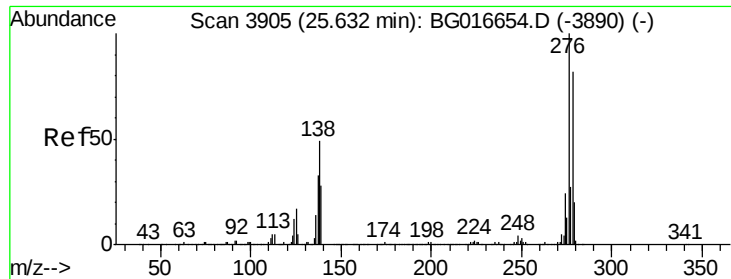
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#84
 Di-n-octyl phthalate
 Concen: 47.89 ng
 RT: 21.96 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1015702		
167	1.8	1.4	2.0	
43	7.3	5.7	8.5	





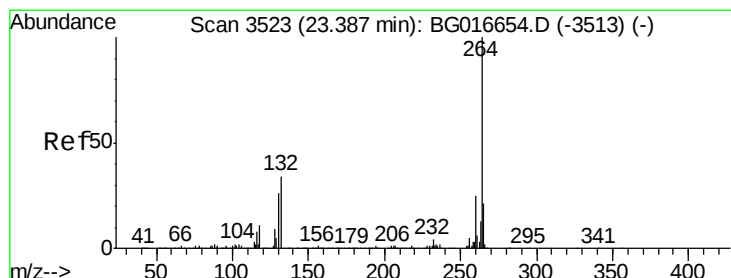
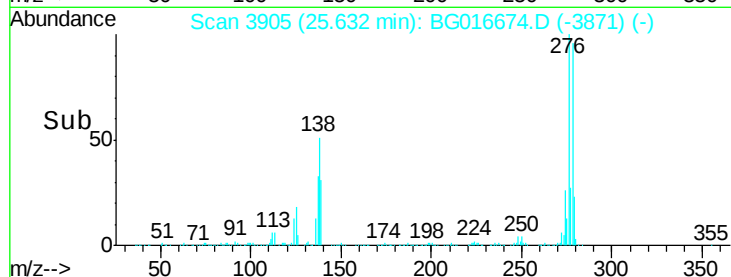
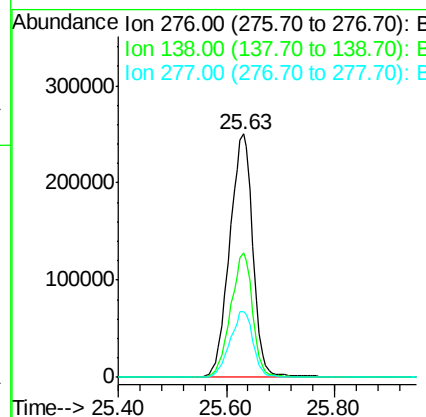
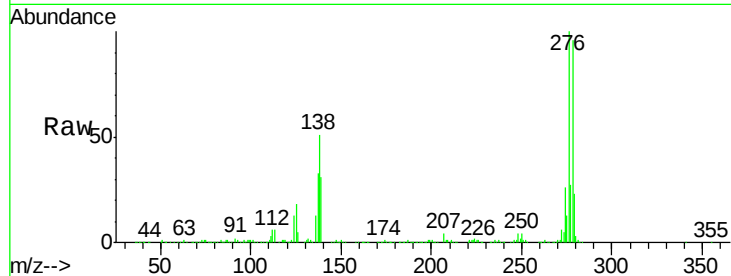
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.08 ng
 RT: 25.63 min Scan# 3905
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	48.3	38.2	57.2
277	26.6	21.4	32.2

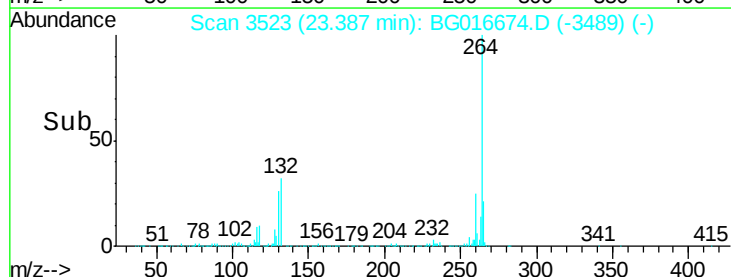
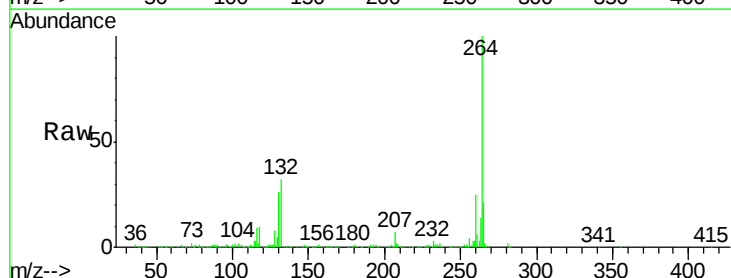
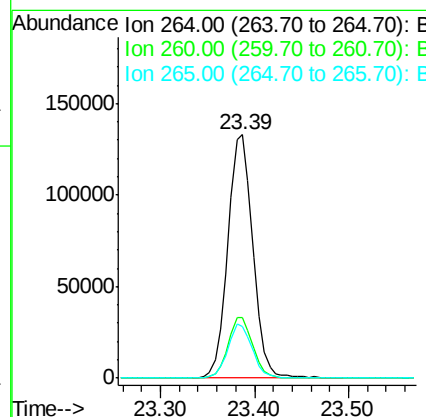
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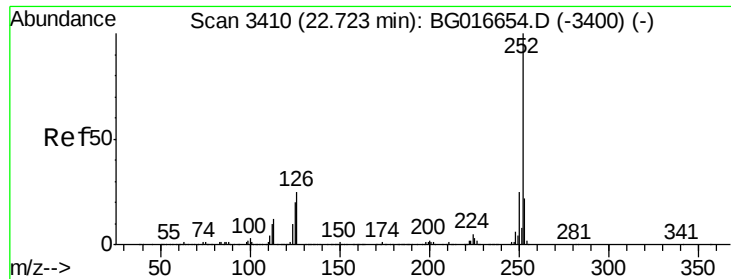
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.39 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.4	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 46.70 ng

RT: 22.72 min Scan# 3410

Delta R.T. -0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Instrument :

BNA_G

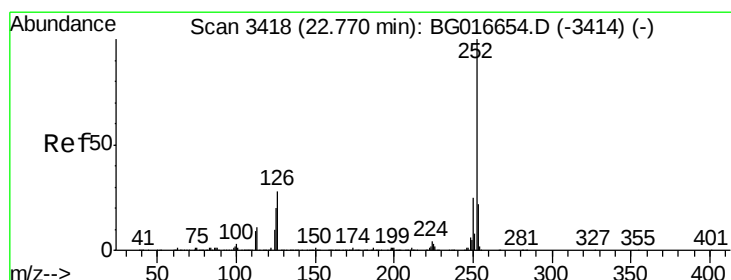
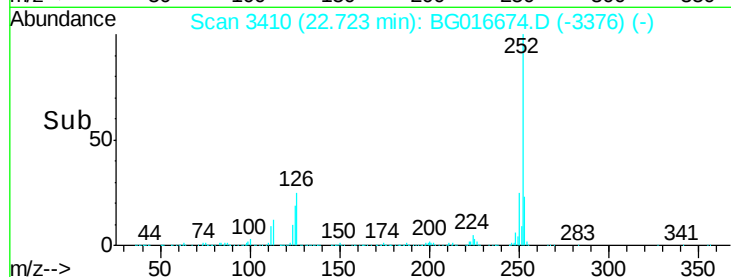
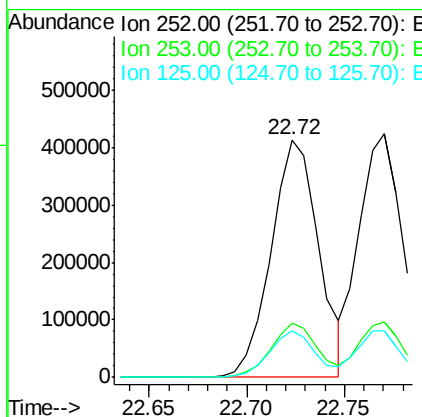
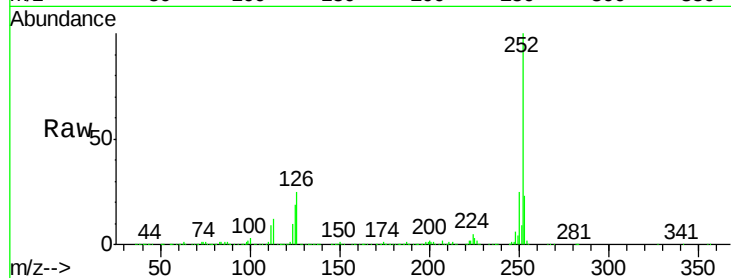
ClientSampleId :

PS-20(5-10)MSD

Tot Ion:	252	Resp:	697421
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	19.4	15.8	23.8

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#88

Benzo(k)fluoranthene

Concen: 45.48 ng

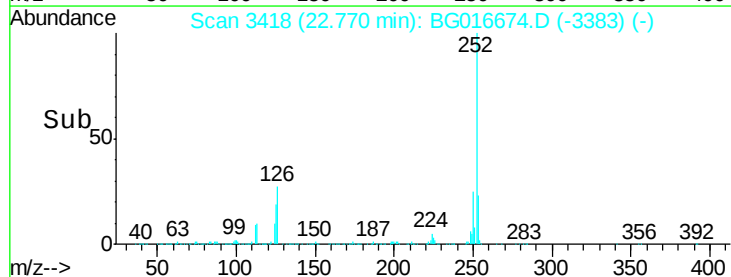
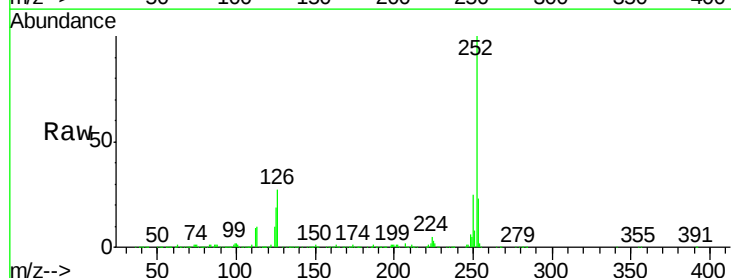
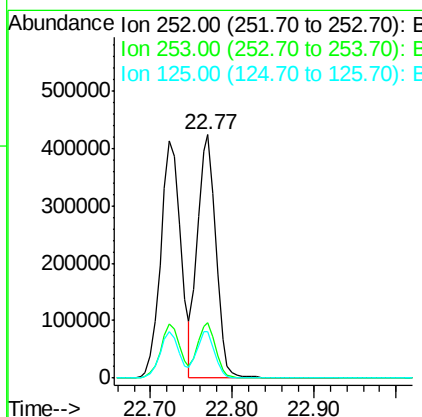
RT: 22.77 min Scan# 3418

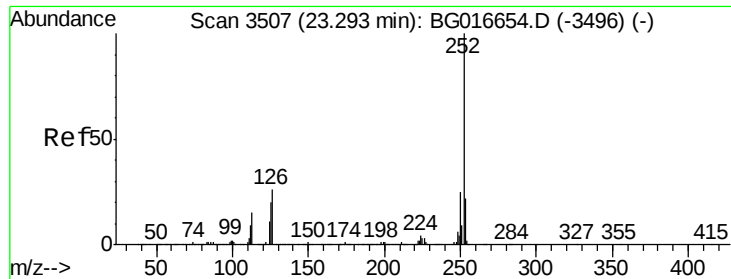
Delta R.T. 0.00 min

Lab File: BG016674.D

Acq: 24 Apr 2015 5:33

Tgt Ion:	252	Resp:	662858
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	18.9	15.5	23.3





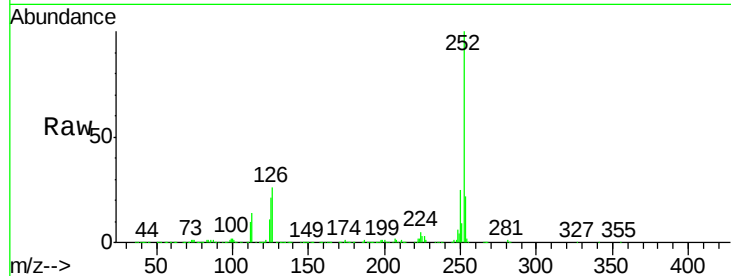
#89
Benzo(a)pyrene
Concen: 47.43 ng
RT: 23.29 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MSD

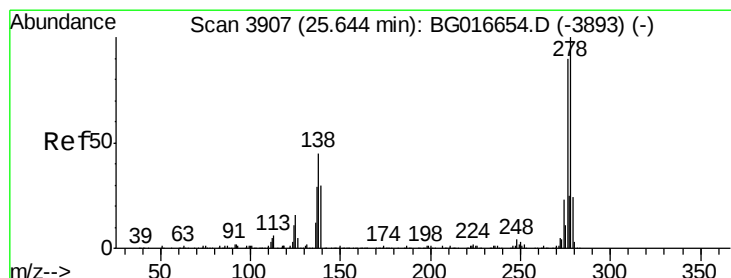
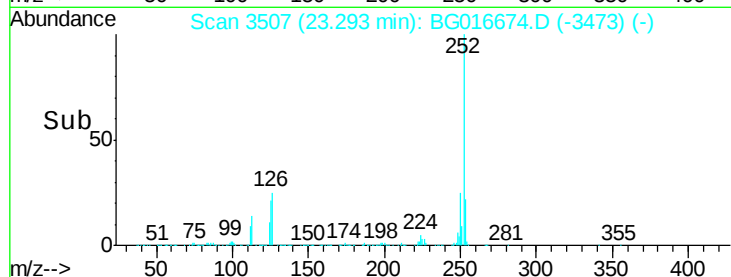
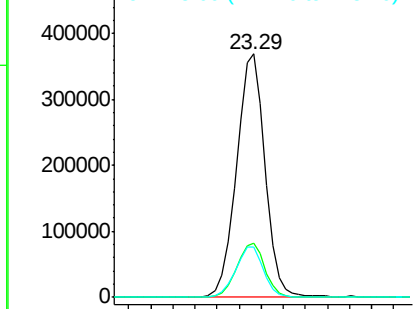
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	20.9	16.3	24.5

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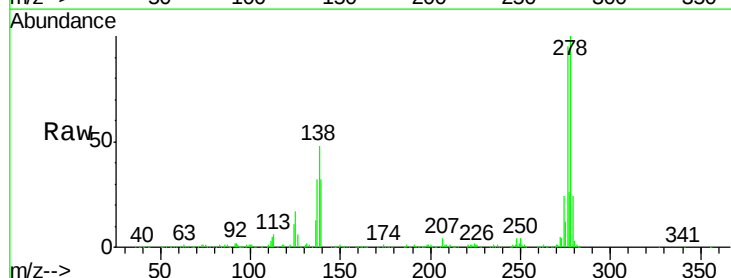


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

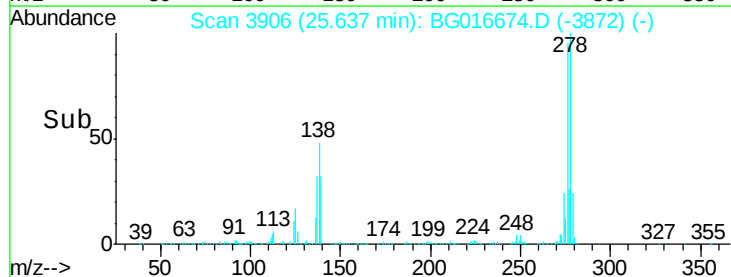
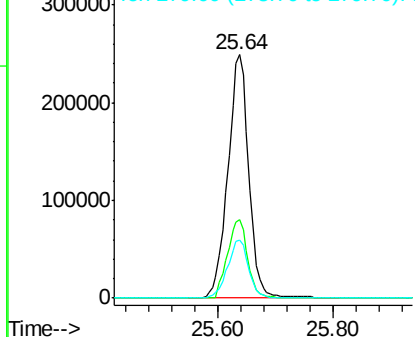


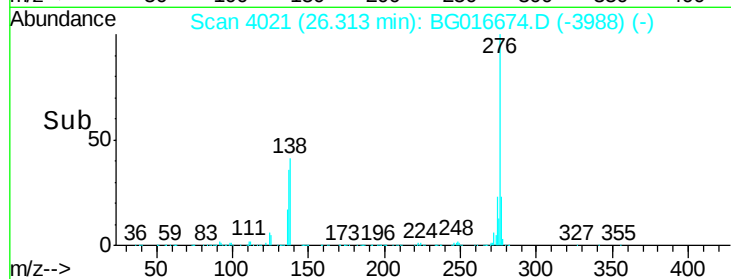
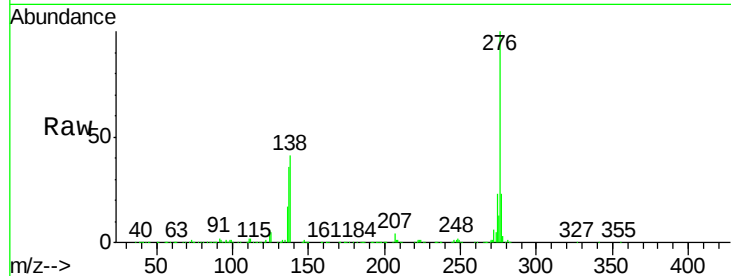
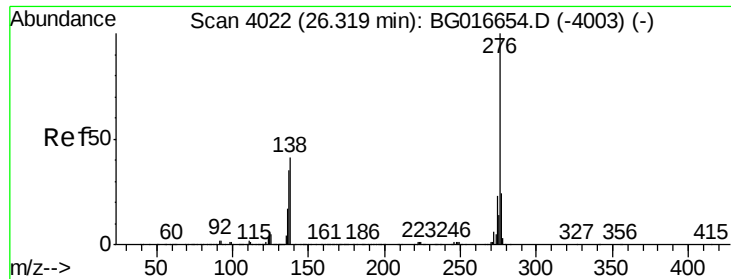
#90
Dibenzo(a,h)anthracene
Concen: 45.69 ng
RT: 25.64 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BG016674.D
Acq: 24 Apr 2015 5:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.5	24.2	36.2
279	24.0	18.9	28.3



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: 46.00 ng
 RT: 26.31 min Scan# 4021
 Delta R.T. -0.01 min
 Lab File: BG016674.D
 Acq: 24 Apr 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PS-20(5-10)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	19.3	28.9
138	41.4	32.8	49.2

Manual Integrations
 APPROVED

apatel
 4/24/2015 3:30:07 PM

