

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020984.D
 Acq On : 19 Feb 2016 22:52
 Operator : SJ/UM
 Sample : PB88453BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Manual Integrations
 APPROVED

UMANGI
 2/22/2016 10:55:36 AM

Quant Time: Feb 20 02:27:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	18466	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	97024	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	63773	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	135910	20.00	ng	0.00
75) Chrysene-d12	21.89	240	129117	20.00	ng	-0.02
86) Perylene-d12	25.25	264	121581	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	108371	98.83	ng	0.00
7) Phenol-d6	7.41	99	155642	97.11	ng	0.00
23) Nitrobenzene-d5	9.43	82	124342	84.26	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	62459	99.59	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	359864	79.27	ng	-0.01
78) Terphenyl-d14	20.19	244	490307	88.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	12799	32.10	ng	92
3) Pyridine	4.04	79	40743	34.55	ng	95
4) n-Nitrosodimethylamine	3.95	42	12620	40.90	ng	98
6) Aniline	7.58	93	45604	22.82	ng	97
8) 2-Chlorophenol	7.82	128	62534	45.65	ng	97
9) Benzaldehyde	7.38	77	9100	11.34	ng	93
10) Phenol	7.43	94	78379	46.21	ng	99
11) bis(2-Chloroethyl)ether	7.67	93	53912	39.80	ng	100
12) 1,3-Dichlorobenzene	8.15	146	58033	40.07	ng	99
13) 1,4-Dichlorobenzene	8.30	146	60732	41.36	ng	98
14) 1,2-Dichlorobenzene	8.62	146	59481	41.64	ng	97
15) Benzyl Alcohol	8.49	79	46252	45.78	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	53866	38.12	ng	99
17) 2-Methylphenol	8.69	107	56039	45.86	ng	97
18) Hexachloroethane	9.35	117	20844	41.28	ng	95
19) n-Nitroso-di-n-propylamine	9.06	70	41549	40.18	ng	99
20) 3+4-Methylphenols	9.02	107	79022	46.41	ng	98
22) Acetophenone	9.09	105	86731	37.09	ng	# 99
24) Nitrobenzene	9.48	77	60350	39.23	ng	98
25) Isophorone	9.99	82	121045	38.92	ng	99
26) 2-Nitrophenol	10.19	139	35280	43.58	ng	96
27) 2,4-Dimethylphenol	10.24	122	66621	42.95	ng	97
28) bis(2-Chloroethoxy)methane	10.47	93	80338	41.91	ng	99
29) 2,4-Dichlorophenol	10.73	162	65787	47.32	ng	97
30) 1,2,4-Trichlorobenzene	10.94	180	57468	41.04	ng	99
31) Naphthalene	11.14	128	204378	40.72	ng	99
32) Benzoic acid	10.37	122	49860	40.07	ng	97
33) 4-Chloroaniline	11.24	127	23832	11.04	ng	99
34) Hexachlorobutadiene	11.41	225	28621	40.10	ng	97
35) Caprolactam	12.01	113	27519m	51.66	ng	
36) 4-Chloro-3-methylphenol	12.34	107	76208	47.84	ng	98
37) 2-Methylnaphthalene	12.72	142	159369	45.25	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	67221	35.93	ng	98
40) Hexachlorocyclopentadiene	13.06	237	61503	74.73	ng	97

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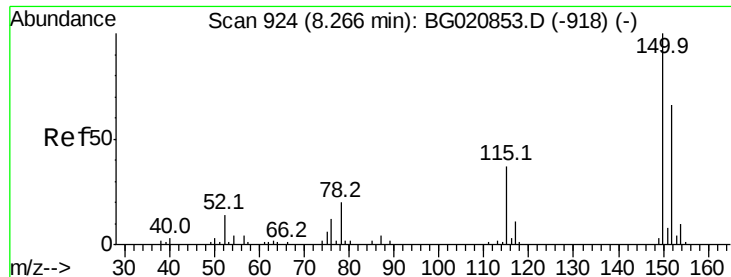
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	54856	43.65	nq	99
43) 2,4,5-Trichlorophenol	13.39	196	60800	46.02	nq	97
45) 1,1'-Biphenyl	13.71	154	208070	36.98	nq	100
46) 2-Chloronaphthalene	13.76	162	156530	38.86	nq	99
47) 2-Nitroaniline	13.96	65	42265	43.82	nq	98
48) Acenaphthylene	14.60	152	283933	40.54	nq	99
49) Dimethylphthalate	14.32	163	211296	42.37	nq	100
50) 2,6-Dinitrotoluene	14.44	165	47388	44.34	nq	97
51) Acenaphthene	14.94	154	174302	41.05	nq	98
52) 3-Nitroaniline	14.77	138	33595	27.06	nq	96
53) 2,4-Dinitrophenol	14.97	184	45690	98.64	nq	91
54) Dibenzofuran	15.27	168	260233	46.33	nq	99
55) 4-Nitrophenol	15.07	139	88915	94.82	nq	98
56) 2,4-Dinitrotoluene	15.22	165	66645	48.25	nq	99
57) Fluorene	15.91	166	226626	43.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	51900	51.55	nq	99
59) Diethylphthalate	15.67	149	227177	44.32	nq	99
60) 4-Chlorophenyl-phenylether	15.90	204	98319	42.80	nq	94
61) 4-Nitroaniline	15.93	138	54795	43.96	nq	99
62) Azobenzene	16.19	77	187447	46.50	nq	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	30254	44.29	nq	97
65) n-Nitrosodiphenylamine	16.11	169	190913	43.48	nq	98
66) 4-Bromophenyl-phenylether	16.79	248	59973	41.78	nq	96
67) Hexachlorobenzene	16.91	284	66505	43.54	nq	100
68) Atrazine	17.05	200	60198	45.18	nq	97
69) Pentachlorophenol	17.25	266	78374	89.50	nq	96
70) Phenanthrene	17.65	178	336658	43.51	nq	99
71) Anthracene	17.74	178	336588	42.86	nq	100
72) Carbazole	18.01	167	308413	43.76	nq	100
73) Di-n-butylphthalate	18.55	149	379135	41.95	nq	100
74) Fluoranthene	19.64	202	356678	42.67	nq	99
76) Benzidine	19.81	184	117148	28.06	nq	98
77) Pyrene	20.00	202	363381	42.67	nq	99
79) Butylbenzylphthalate	20.87	149	172177	42.23	nq	100
80) Benzo(a)anthracene	21.87	228	330730	42.91	nq	100
81) 3,3'-Dichlorobenzidine	21.77	252	52009	18.18	nq	98
82) Chrysene	21.94	228	296156	40.86	nq	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	251555	41.61	nq	100
84) Di-n-octyl phthalate	23.01	149	423871	42.72	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	358067	42.95	nq	# 90
87) Benzo(b)fluoranthene	24.19	252	321040	43.15	nq	99
88) Benzo(k)fluoranthene	24.26	252	313762	43.04	nq	99
89) Benzo(a)pyrene	25.10	252	309388	43.64	nq	98
90) Dibenzo(a,h)anthracene	29.19	278	295151	42.81	nq	99
91) Benzo(g,h,i)perylene	30.34	276	292906	42.80	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG020984.D

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Instrument :

BNA_G

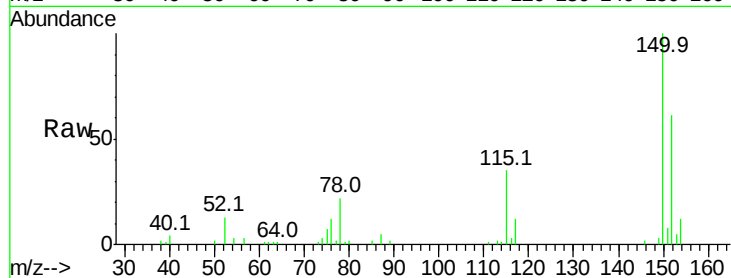
ClientSampleId :

PB88453BS

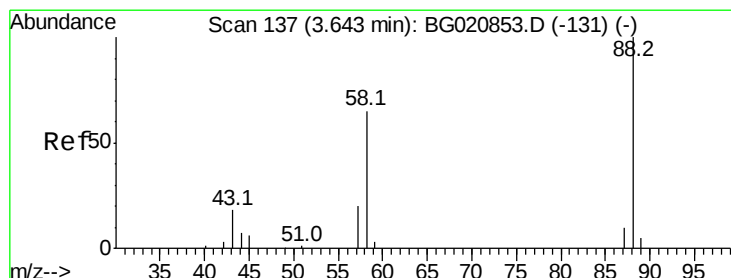
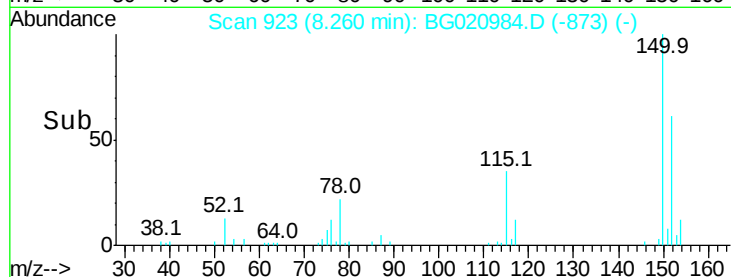
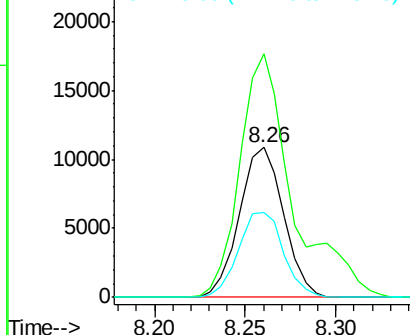
Tot Ion:	152	Resp:	18466
Ion	Ratio	Lower	Upper
152	100		
150	162.8	122.0	183.0
115	56.9	45.2	67.8

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



#2

1,4-Dioxane

Concen: 32.10 ng

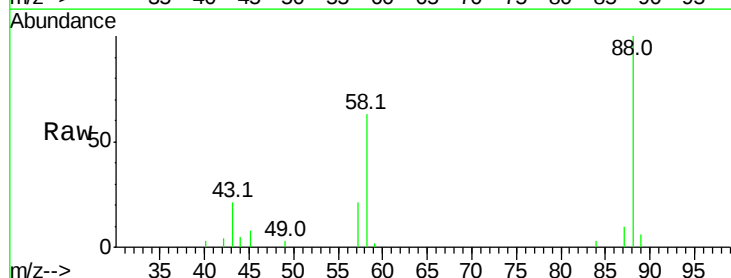
RT: 3.63 min Scan# 134

Delta R.T. -0.02 min

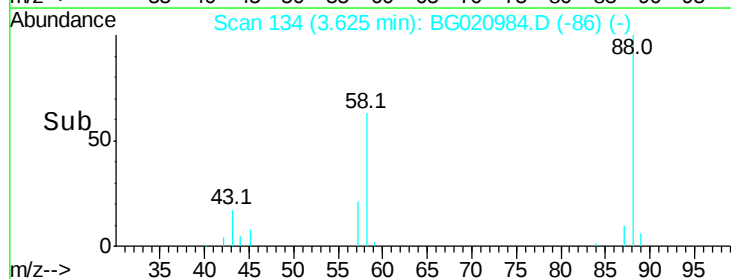
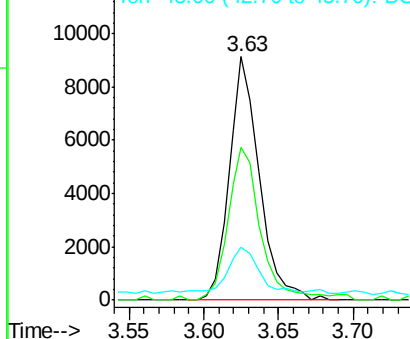
Lab File: BG020984.D

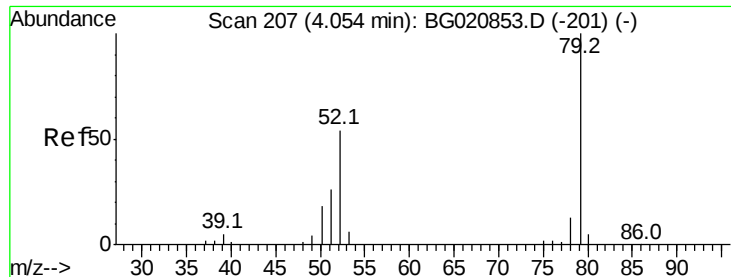
Acq: 19 Feb 2016 22:52

Tgt Ion:	88	Resp:	12799
Ion	Ratio	Lower	Upper
88	100		
58	69.1	50.3	75.5
43	21.3	14.5	21.7



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





#3

Pvridine

Concen: 34.55 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

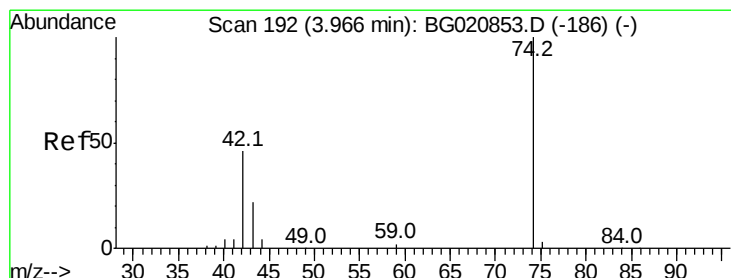
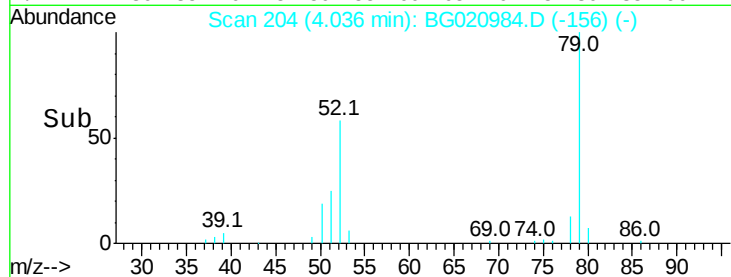
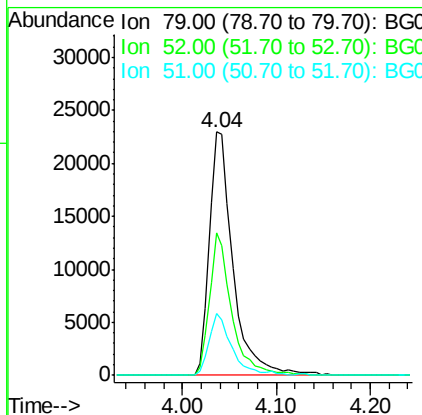
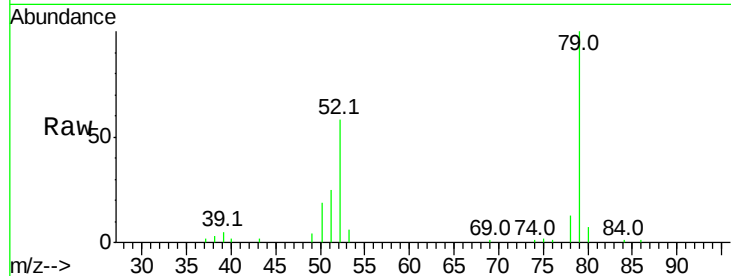
ClientSampleId :

PB88453BS

Tot Ion:	79	Resp:	40743
Ion	Ratio	Lower	Upper
79	100		
52	58.5	43.1	64.7
51	25.1	20.7	31.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.90 ng

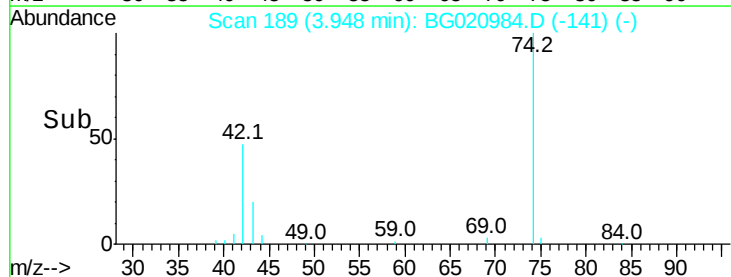
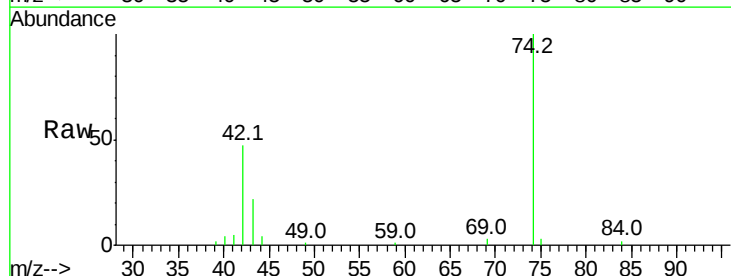
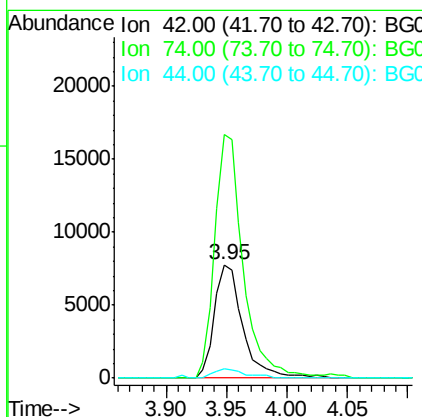
RT: 3.95 min Scan# 189

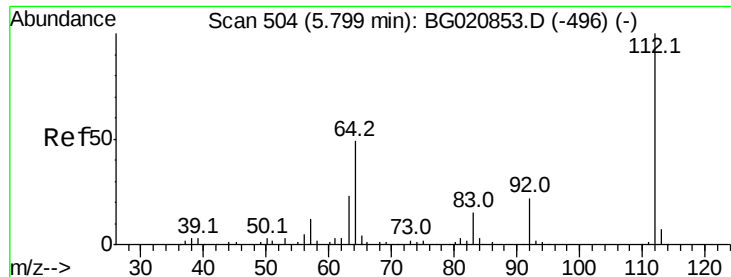
Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:	42	Resp:	12620
Ion	Ratio	Lower	Upper
42	100		
74	214.6	173.8	260.6
44	8.2	6.3	9.5





#5

2-Fluorophenol

Concen: 98.83 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

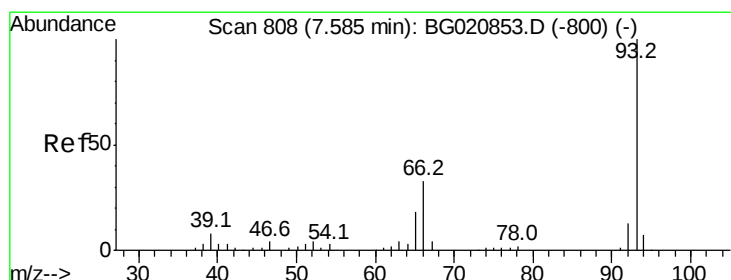
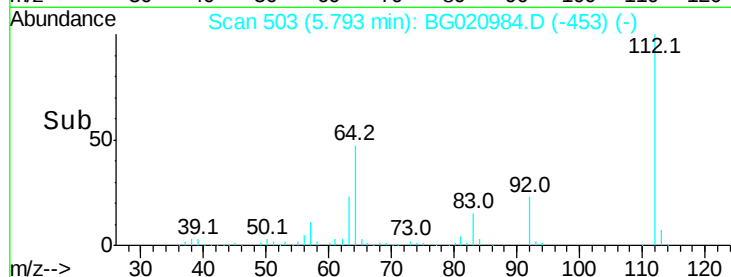
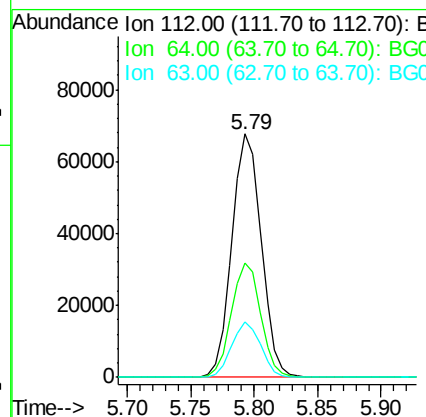
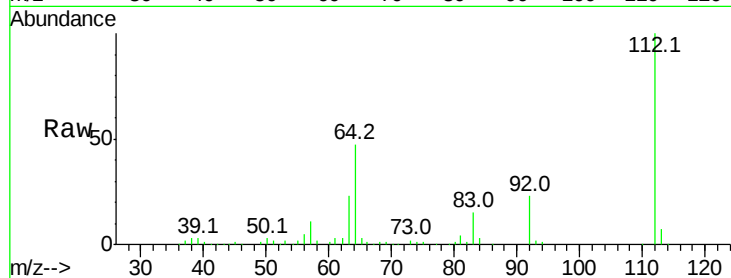
ClientSampleId :

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Tot Ion:	112	Resp:	108371
Ion Ratio	Lower	Upper	
112	100		
64	46.9	39.3	58.9
63	22.7	18.2	27.4

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#6

Aniline

Concen: 22.82 ng

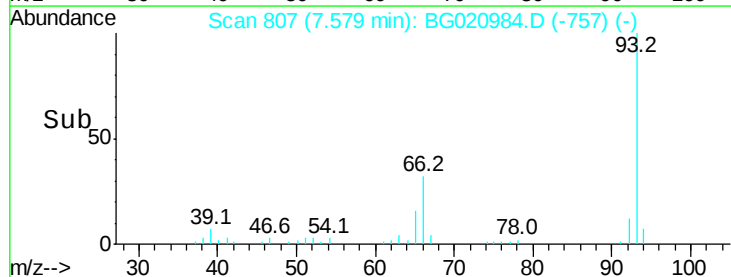
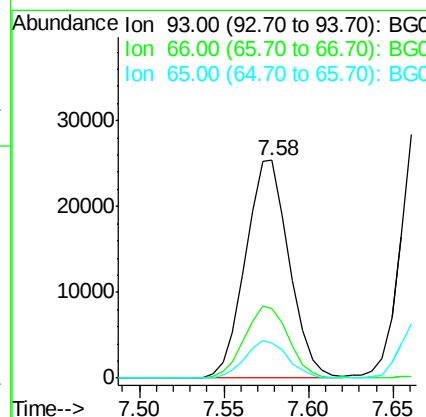
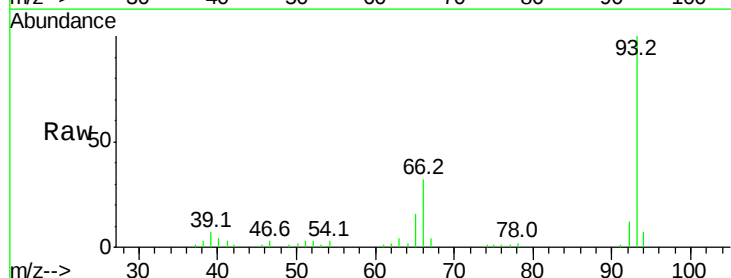
RT: 7.58 min Scan# 807

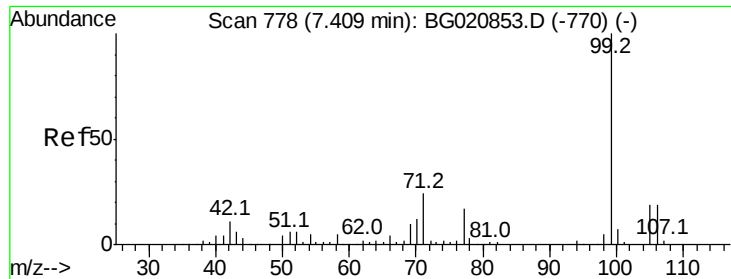
Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:	93	Resp:	45604
Ion Ratio	Lower	Upper	
93	100		
66	32.0	26.6	40.0
65	16.2	14.0	21.0





#7

Phenol-d6

Concen: 97.11 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

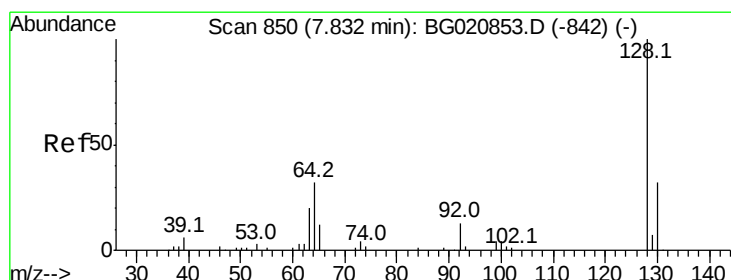
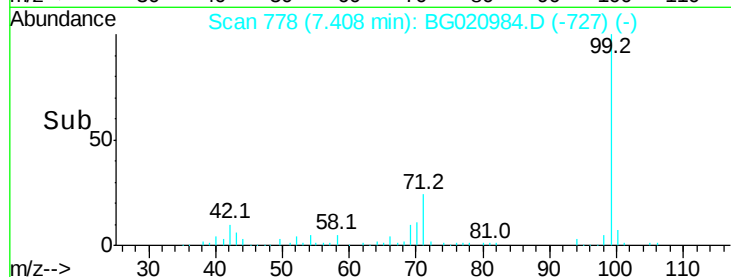
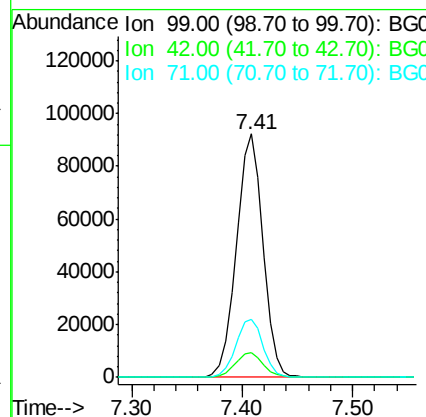
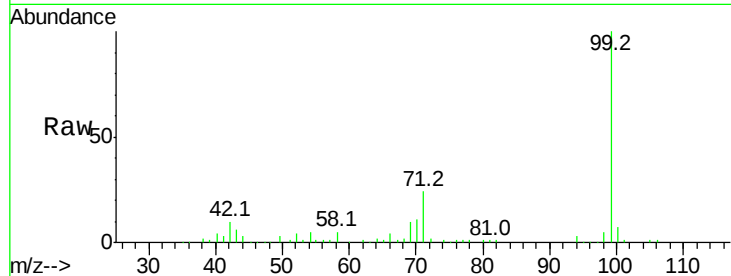
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Tot Ion:	99	Resp:	155642
Ion Ratio	Lower	Upper	
99	100		
42	10.0	8.4	12.6
71	24.1	19.4	29.0

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#8

2-Chlorophenol

Concen: 45.65 ng

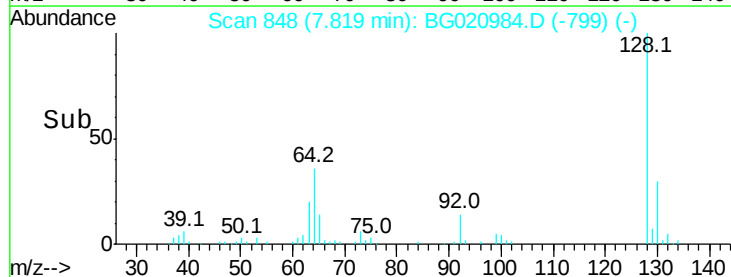
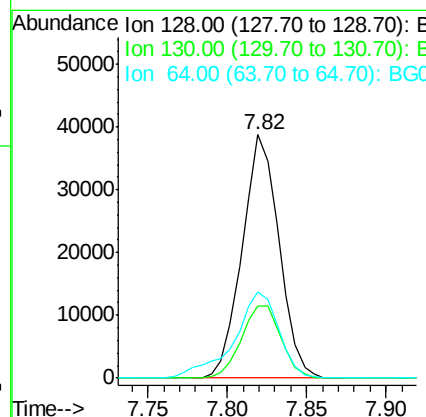
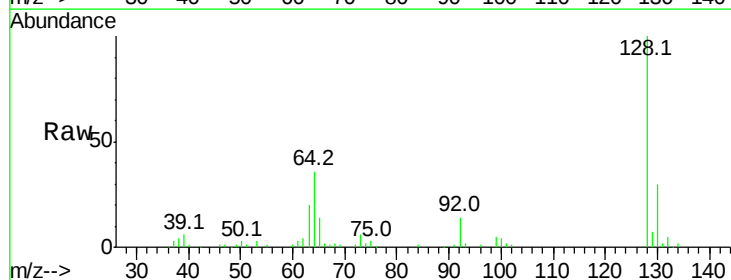
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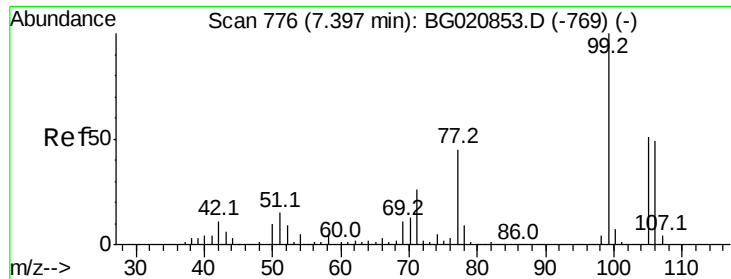
Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:	128	Resp:	62534
Ion Ratio	Lower	Upper	
128	100		
130	29.6	12.3	52.3
64	35.5	15.9	55.9





#9

Benzaldehyde

Concen: 11.34 ng

RT: 7.38 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

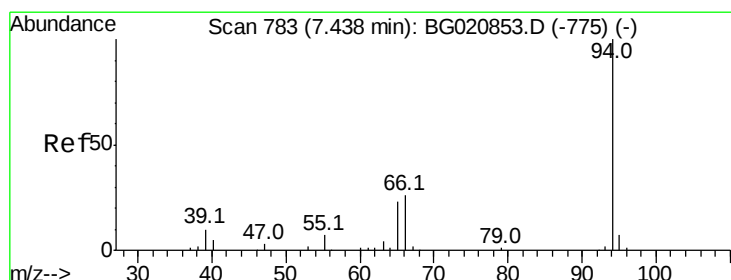
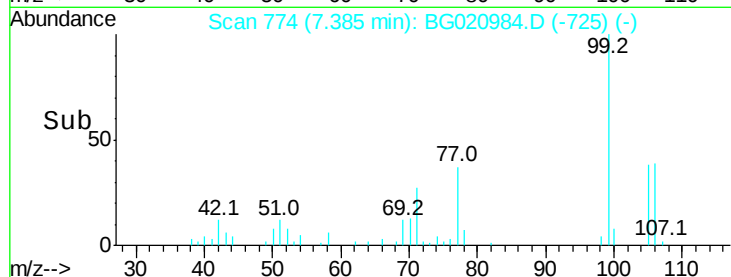
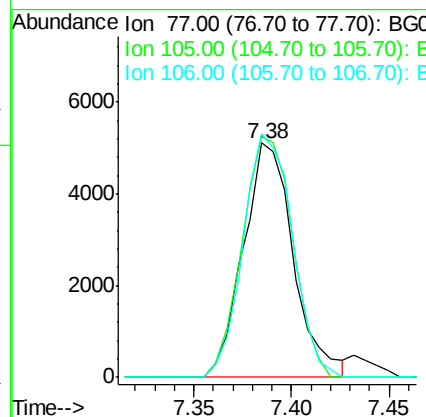
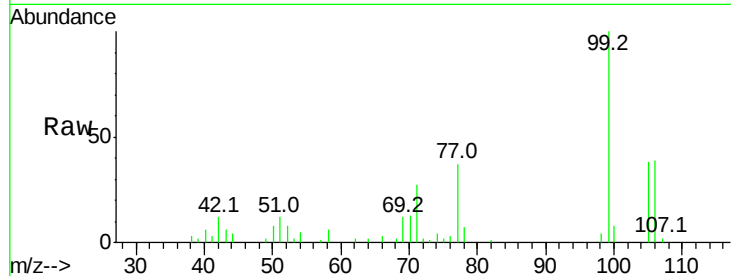
ClientSampleId :

PB88453BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	102.9	93.4	133.4	
106	103.9	88.7	128.7	

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#10

Phenol

Concen: 46.21 ng

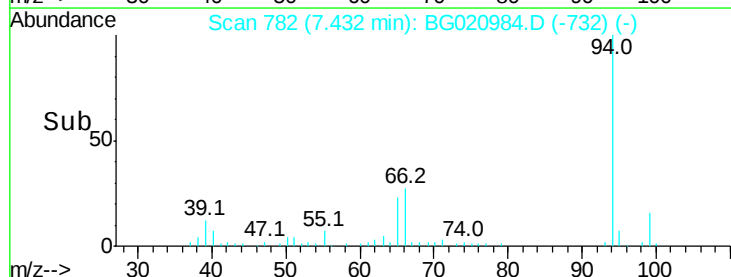
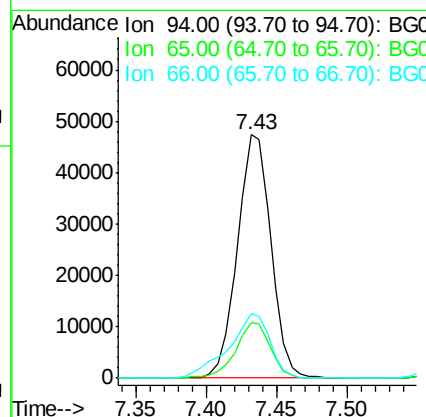
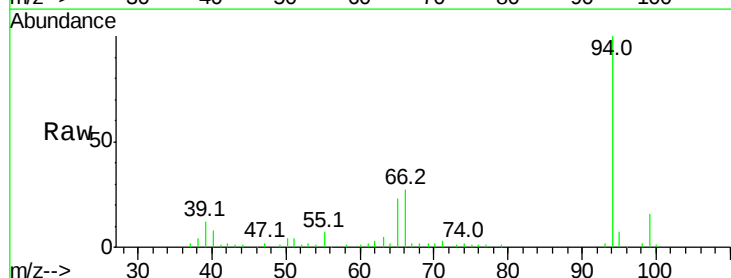
RT: 7.43 min Scan# 782

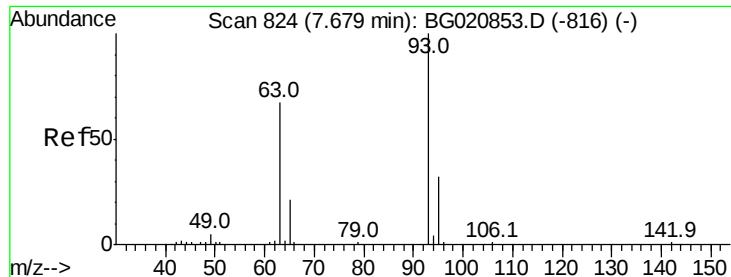
Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	22.7	2.8	42.8	
66	26.5	7.2	47.2	





#11

bis(2-Chloroethyl)ether

Concen: 39.80 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

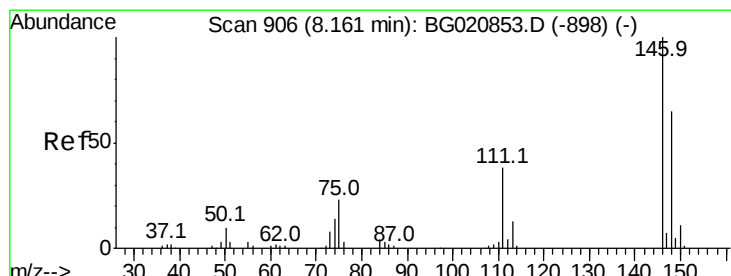
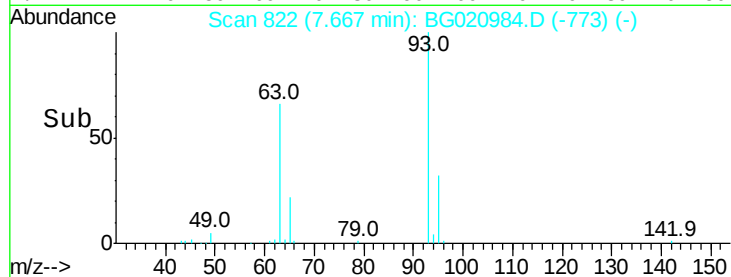
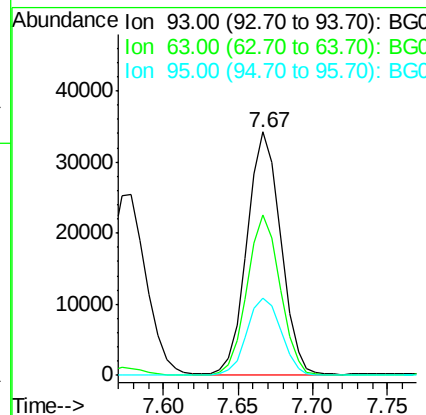
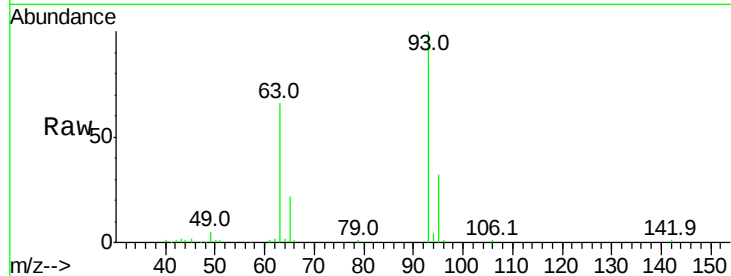
ClientSampleId :

PB88453BS

Tot Ion:	93	Resp:	53912
Ion Ratio	Lower	Upper	
93	100		
63	66.1	46.4	86.4
95	32.0	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 40.07 ng

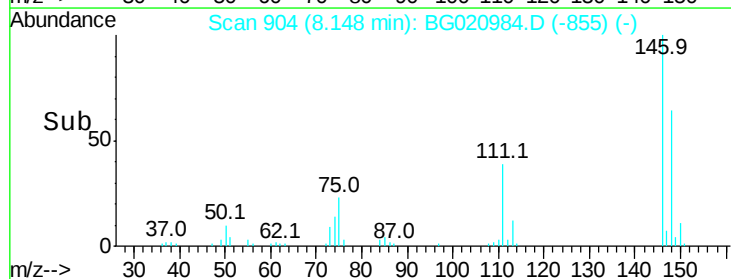
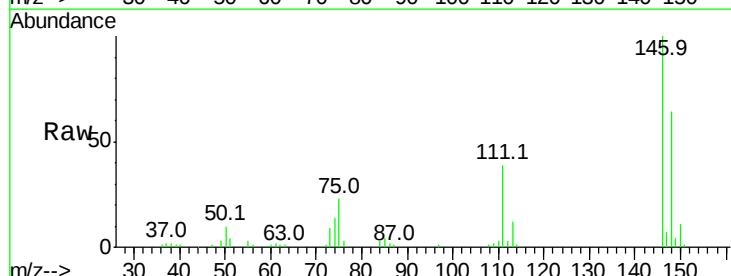
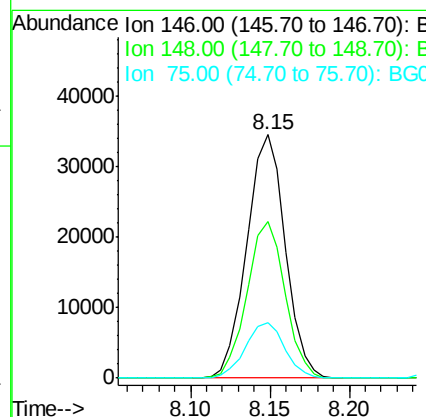
RT: 8.15 min Scan# 904

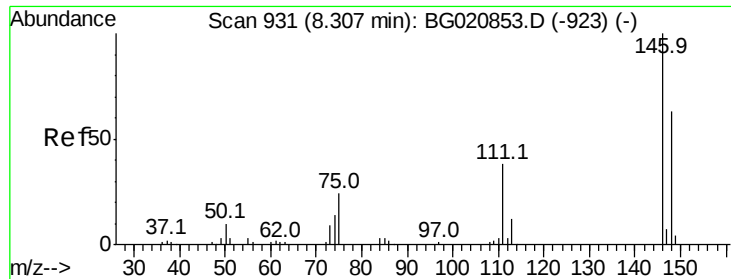
Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:	146	Resp:	58033
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	22.6	18.7	28.1





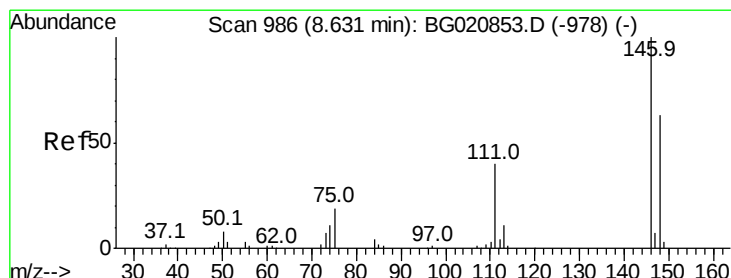
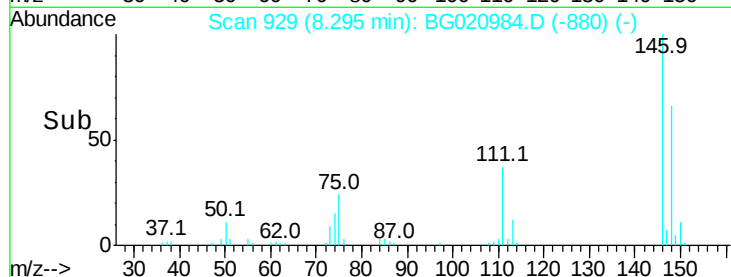
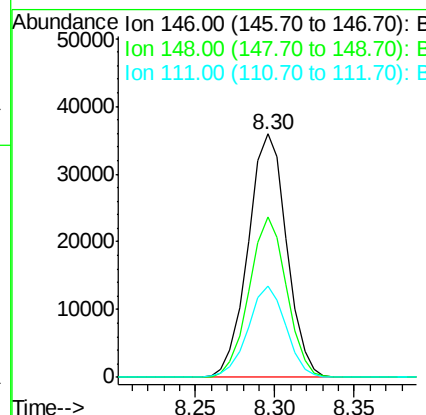
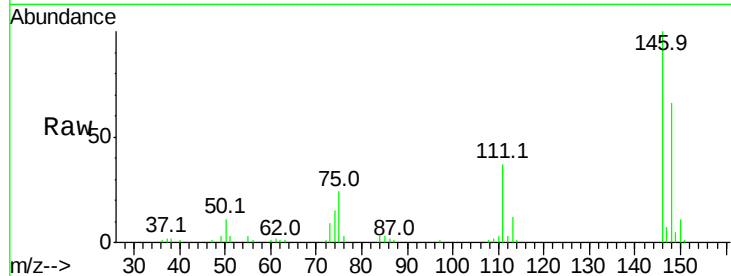
#13
 1,4-Dichlorobenzene
 Concen: 41.36 ng
 RT: 8.30 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.8	76.2
111	37.5	30.1	45.1

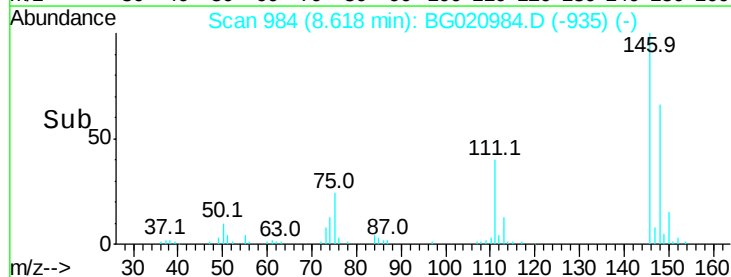
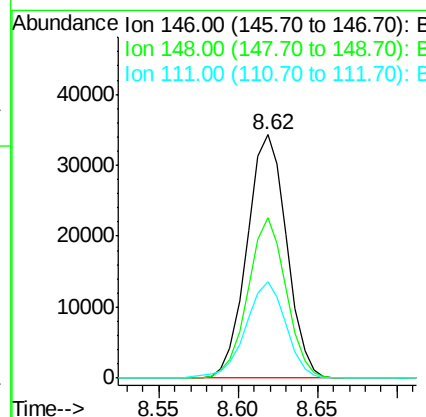
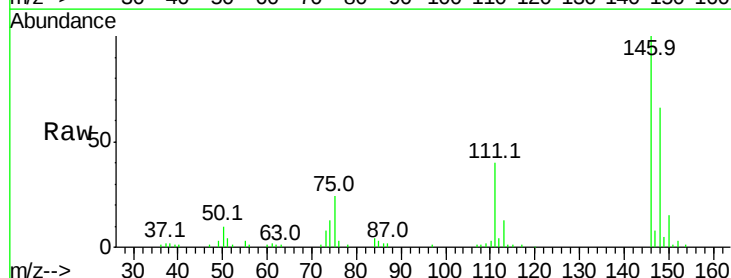
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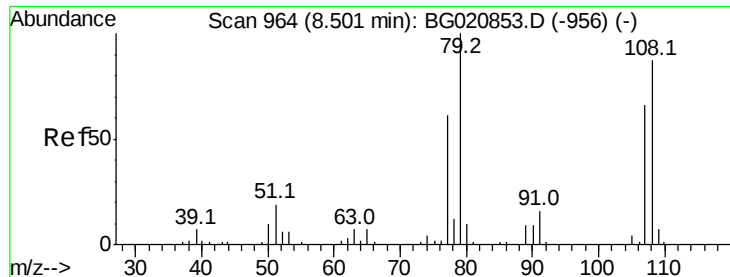
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#14
 1,2-Dichlorobenzene
 Concen: 41.64 ng
 RT: 8.62 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	76.0
111	39.7	32.6	48.8





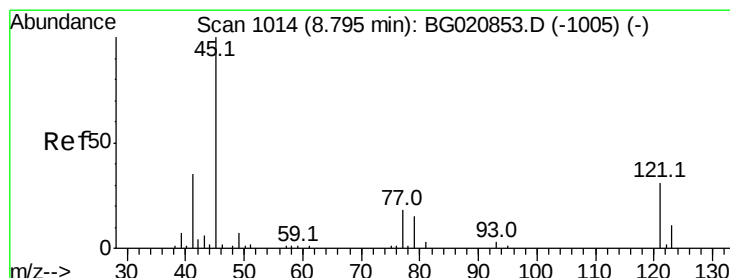
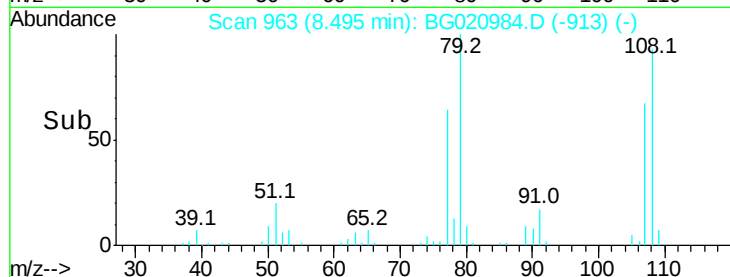
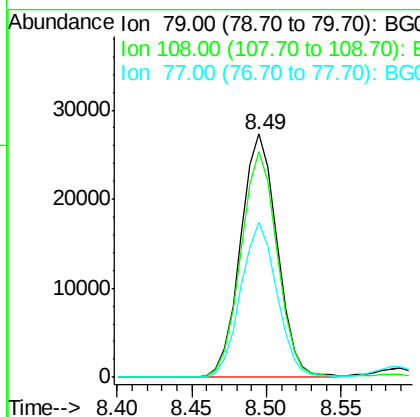
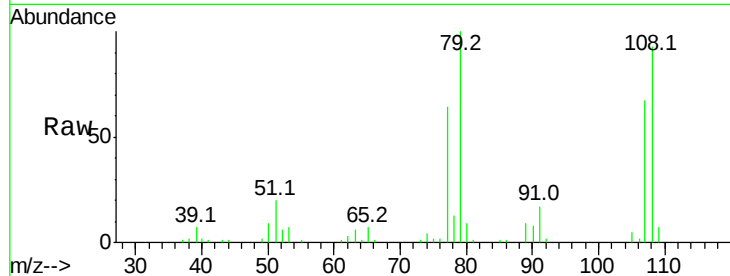
#15
Benzyl Alcohol
Concen: 45.78 ng
RT: 8.49 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion: 79 Resp: 46252
Ion Ratio Lower Upper
79 100
108 92.9 69.4 104.2
77 63.6 48.6 73.0

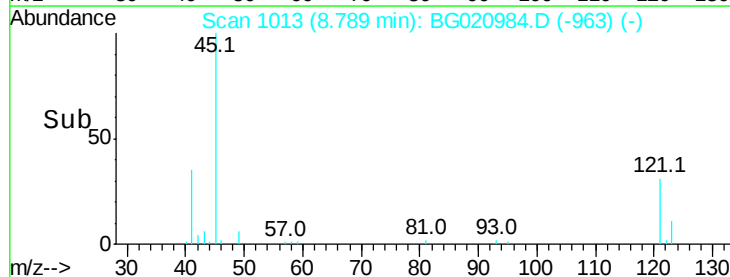
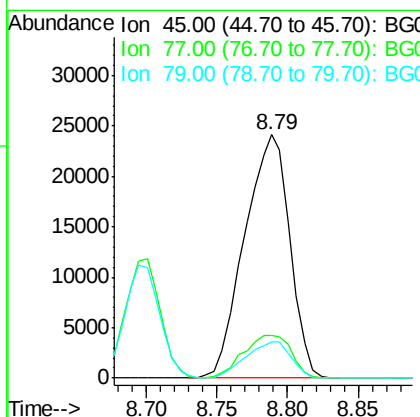
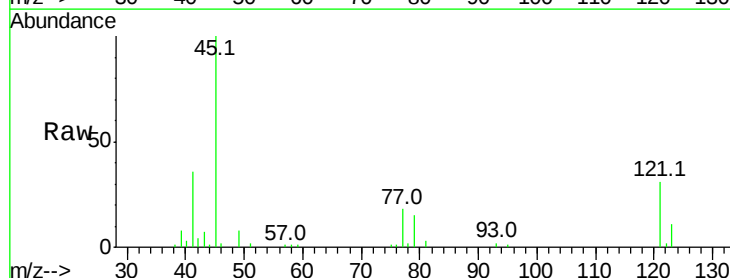
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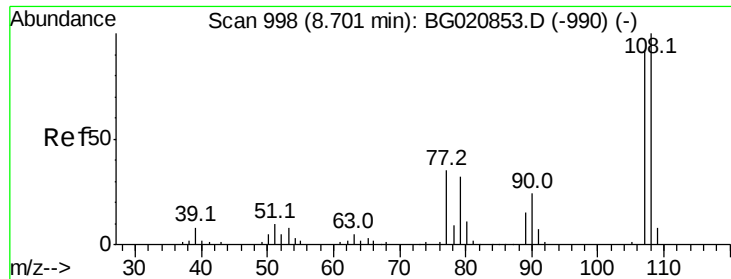
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.12 ng
RT: 8.79 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion: 45 Resp: 53866
Ion Ratio Lower Upper
45 100
77 17.7 0.0 38.5
79 14.9 0.0 34.9





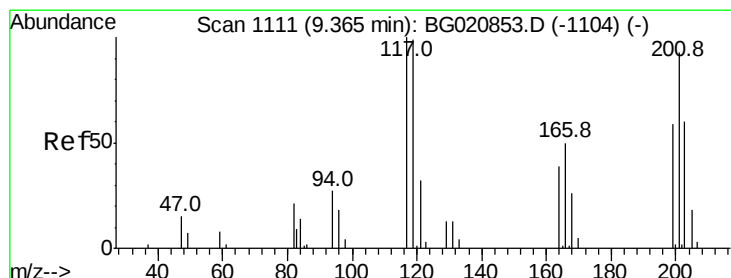
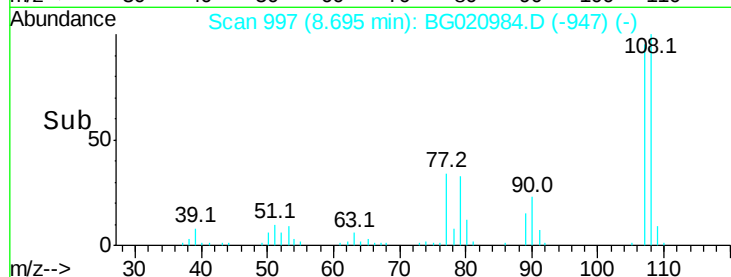
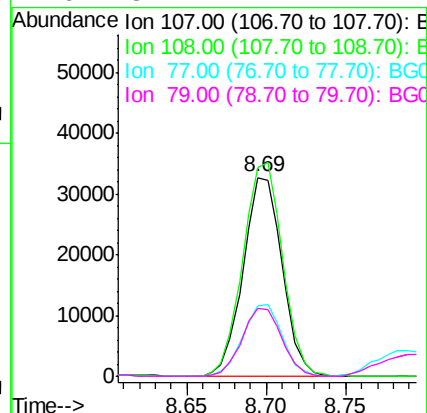
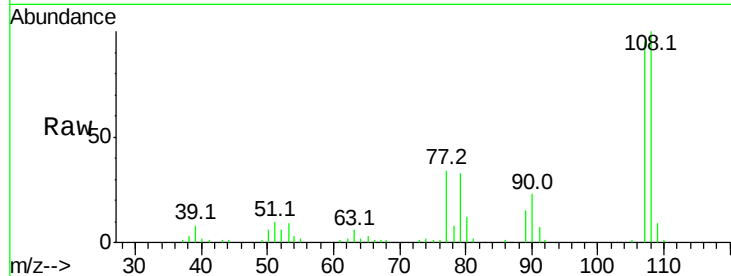
#17
2-Methylphenol
Concen: 45.86 ng
RT: 8.69 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.2	87.0	130.4
77	35.4	30.1	45.1
79	34.4	27.4	41.2

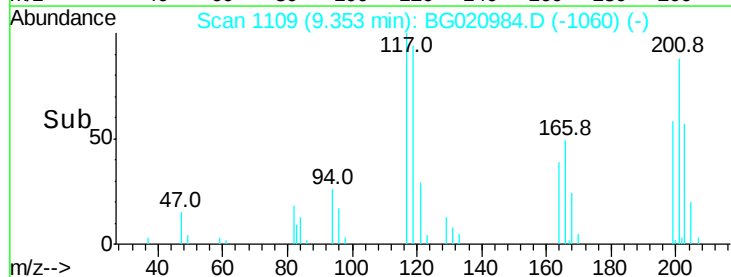
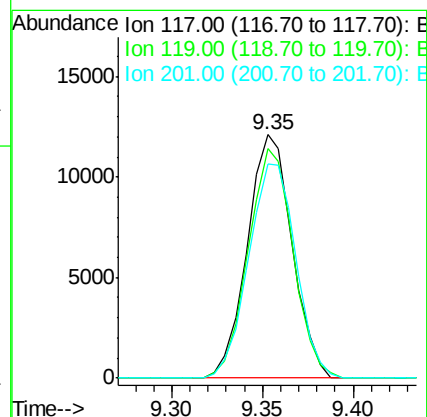
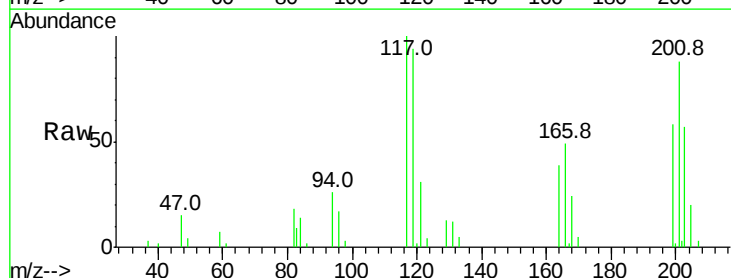
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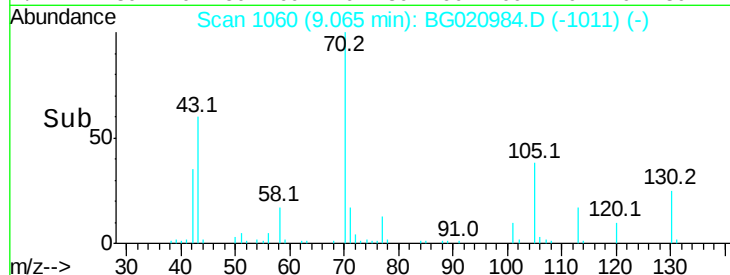
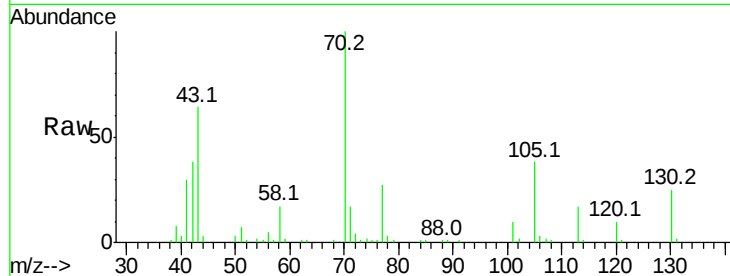
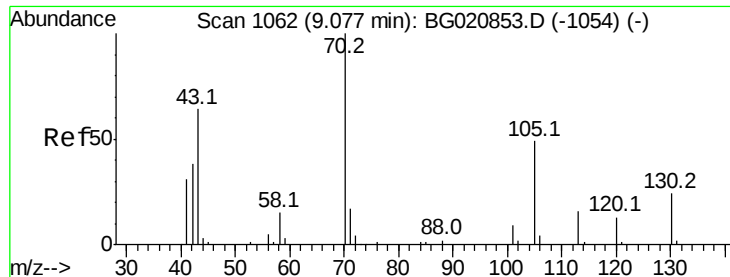
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#18
Hexachloroethane
Concen: 41.28 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	79.6	119.4
201	88.1	74.5	111.7





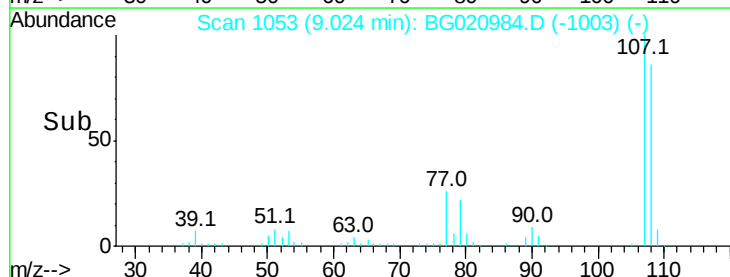
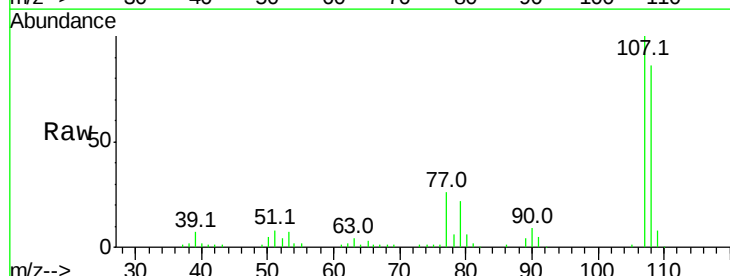
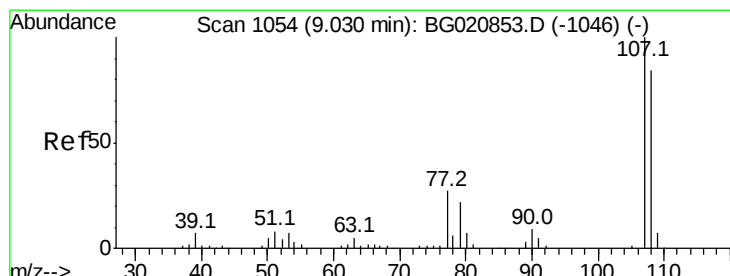
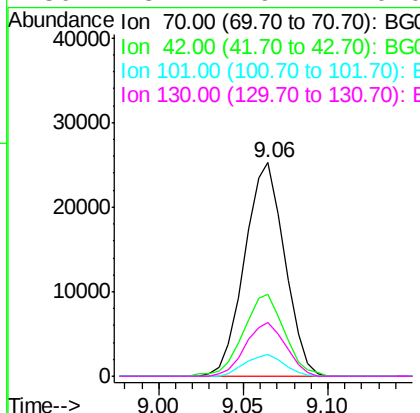
#19
n-Nitroso-di-n-propylamine
Concen: 40.18 ng
RT: 9.06 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

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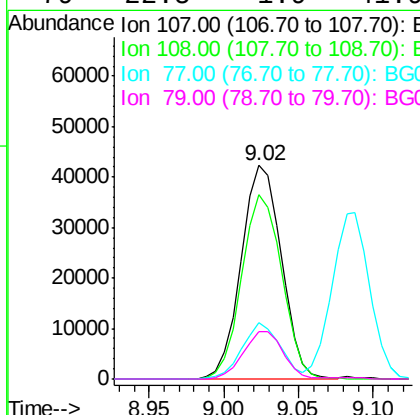
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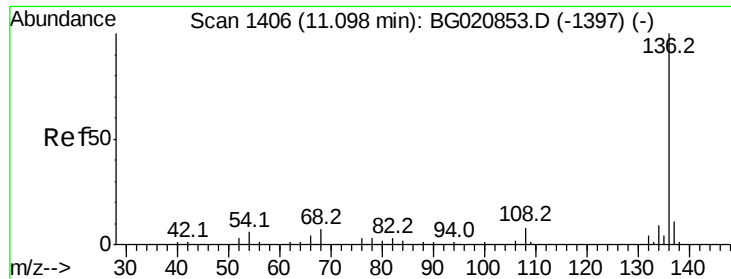
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.4	30.9	46.3
101	9.9	7.3	10.9
130	25.2	19.4	29.0



#20
3+4-Methylphenols
Concen: 46.41 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	64.4	104.4
77	26.2	7.1	47.1
79	22.5	1.9	41.9





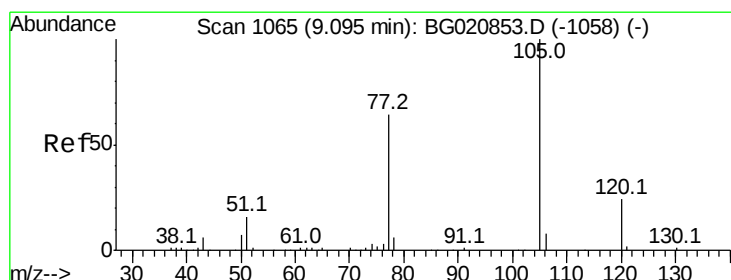
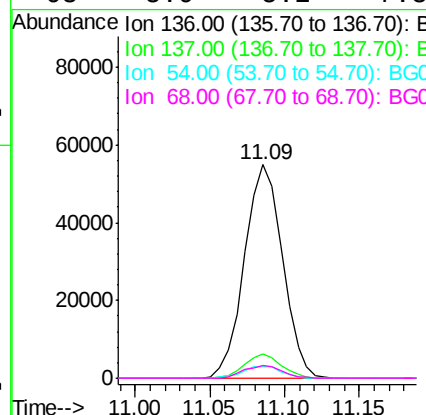
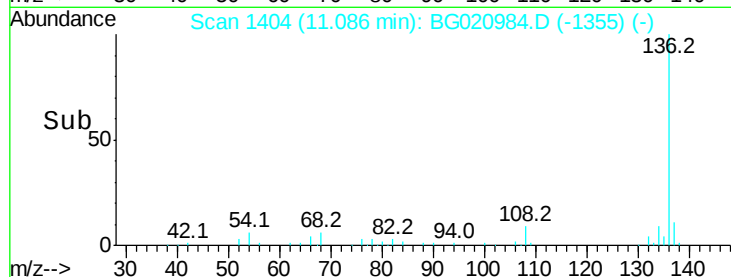
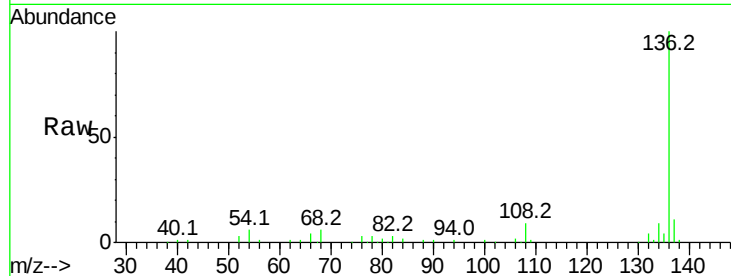
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	5.6	5.0	7.4	
68	5.9	5.2	7.8	

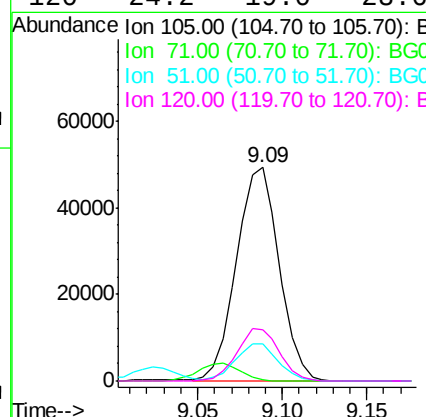
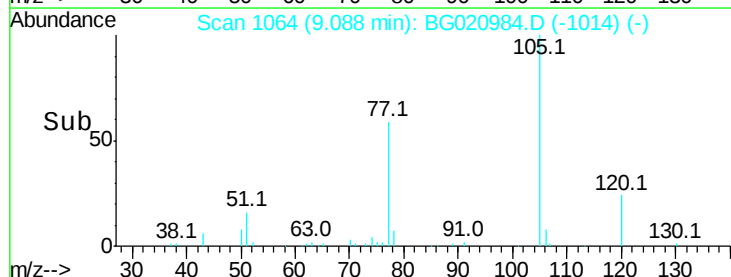
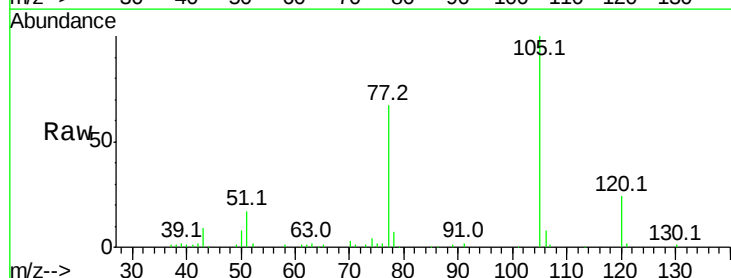
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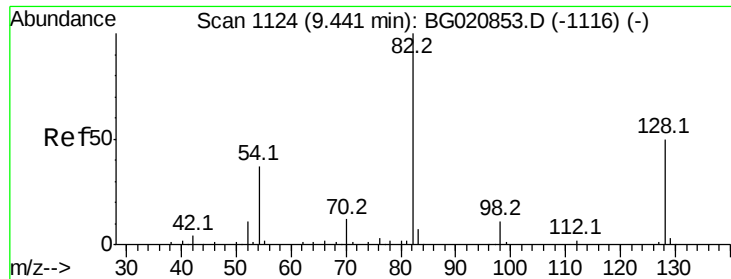
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#22
Acetophenone
Concen: 37.09 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	1.4	2.0#	
51	17.3	13.7	20.5	
120	24.2	19.0	28.6	





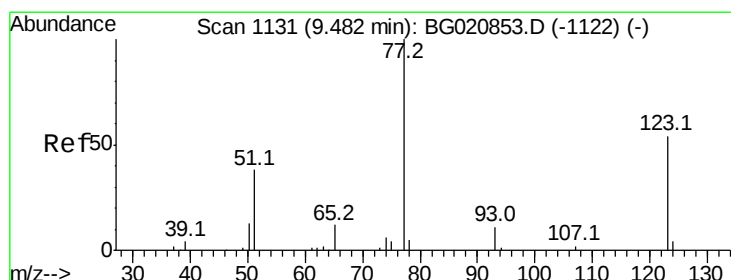
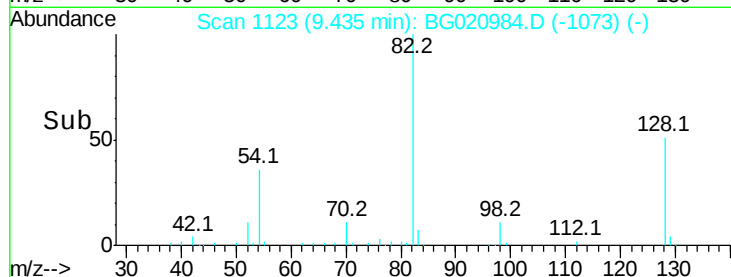
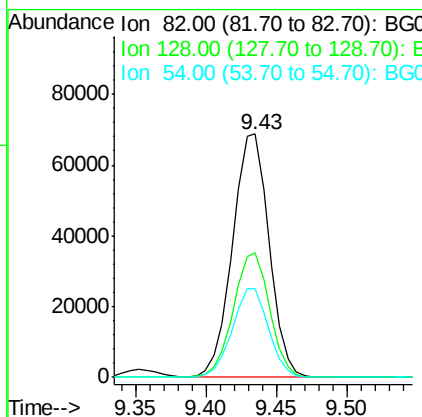
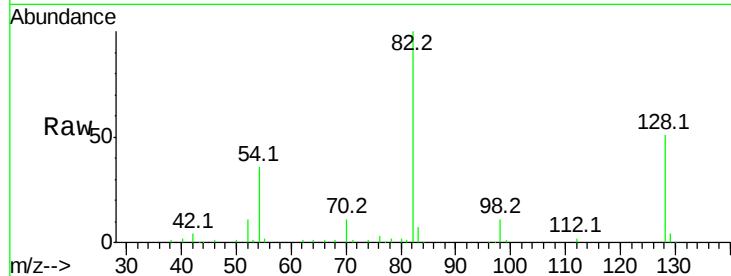
#23
Nitrobenzene-d5
Concen: 84.26 ng
RT: 9.43 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.3	40.1	60.1	
54	36.5	29.5	44.3	

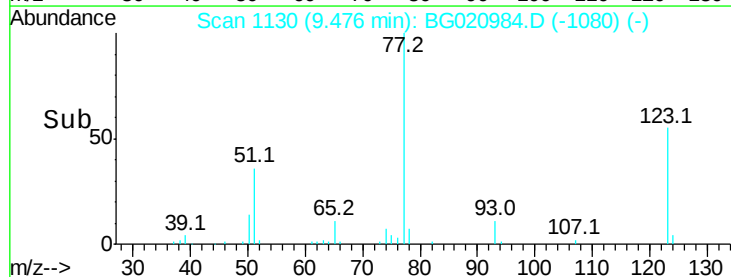
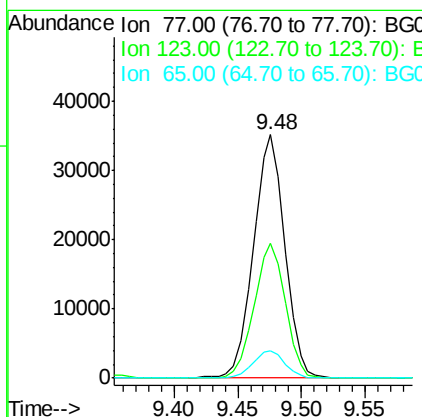
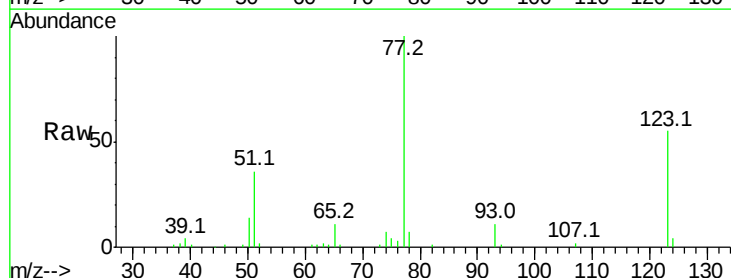
Manual Integrations
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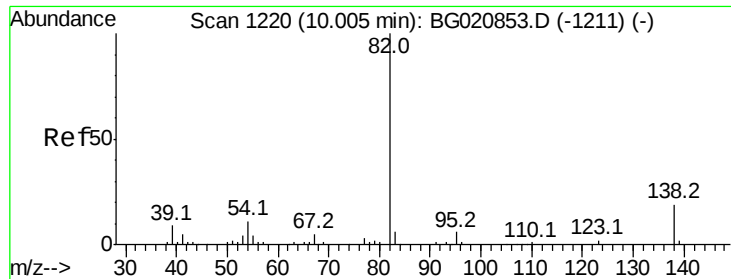
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#24
Nitrobenzene
Concen: 39.23 ng
RT: 9.48 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	55.4	43.2	64.8	
65	11.1	9.2	13.8	





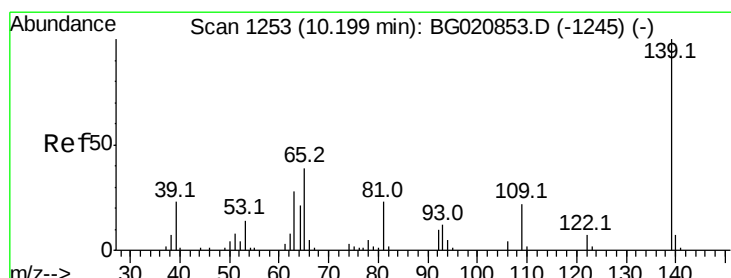
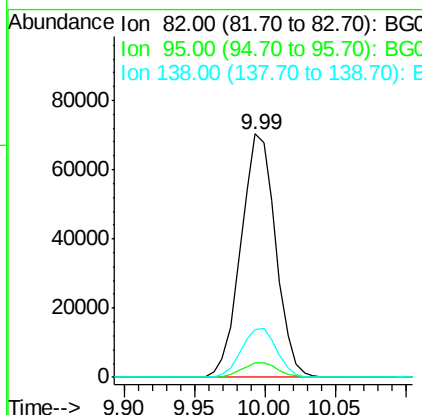
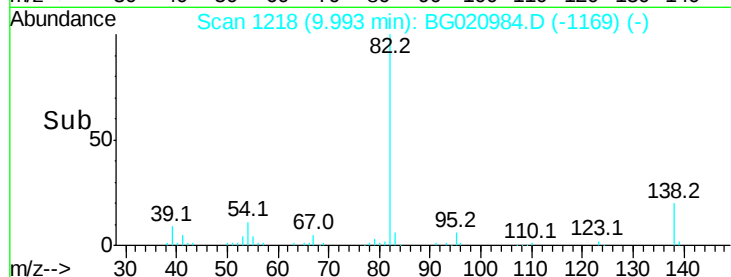
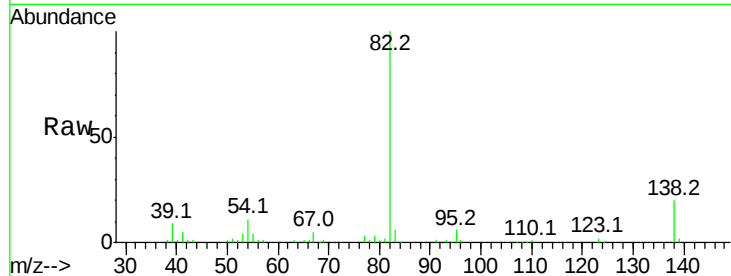
#25
Isophorone
Concen: 38.92 ng
RT: 9.99 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	121045		
95	5.7	4.8	7.2	
138	19.5	15.4	23.0	

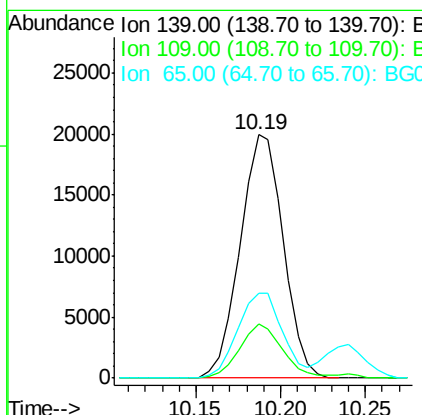
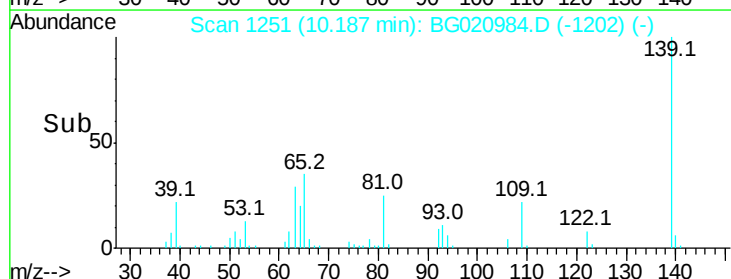
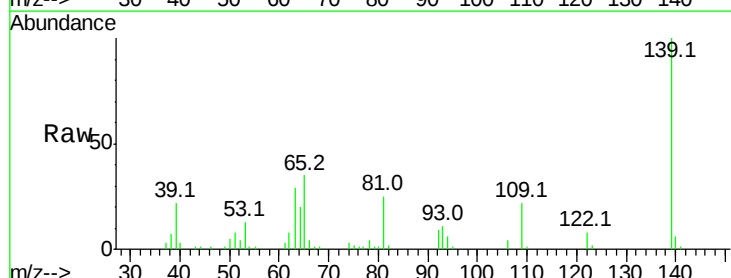
Manual Integrations
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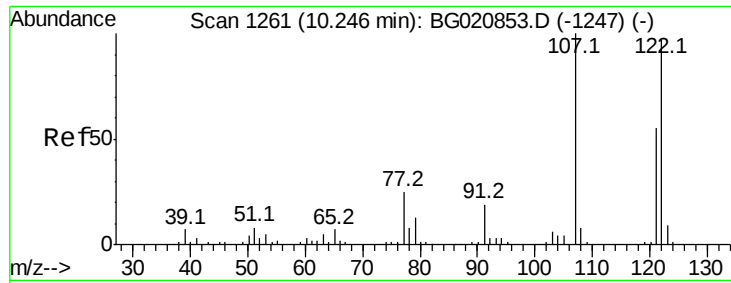
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#26
2-Nitrophenol
Concen: 43.58 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	35280		
109	22.2	17.6	26.4	
65	35.1	31.0	46.6	





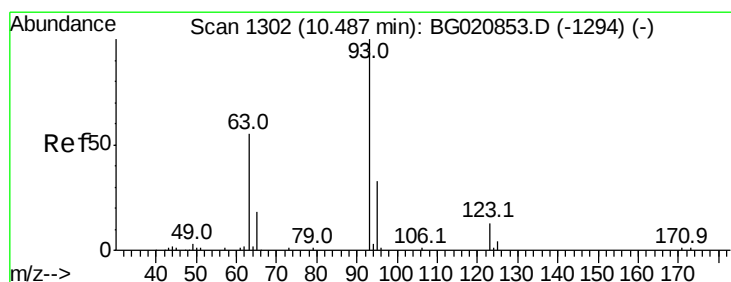
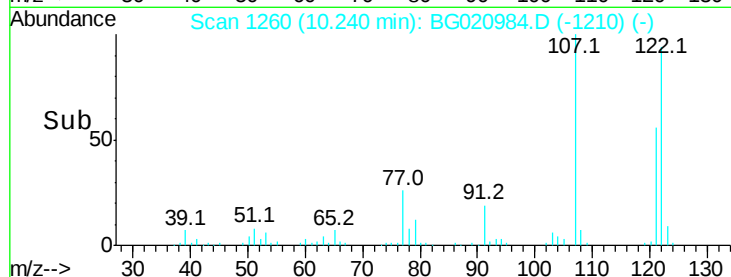
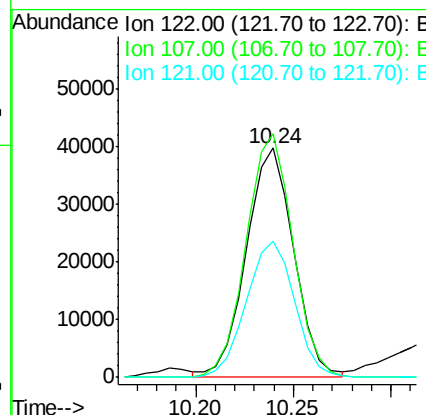
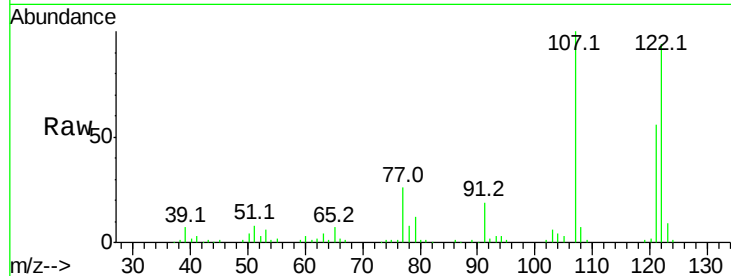
#27
2,4-Dimethylphenol
Concen: 42.95 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampled :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	66621		
107	106.3	82.6	124.0	
121	59.7	45.6	68.4	

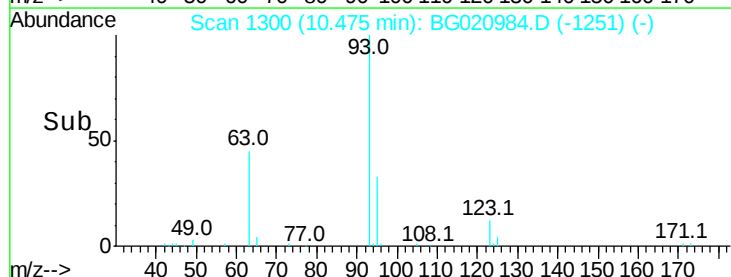
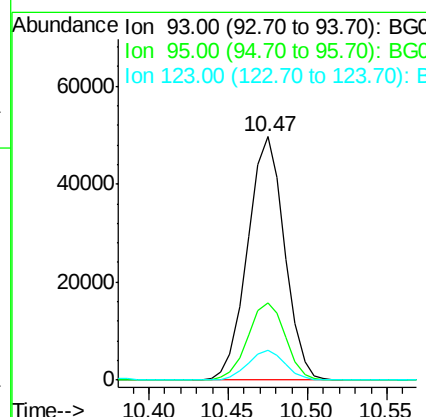
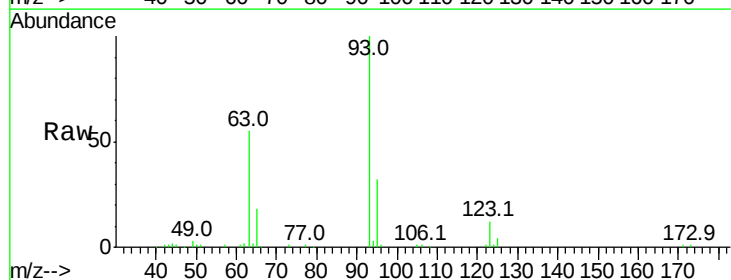
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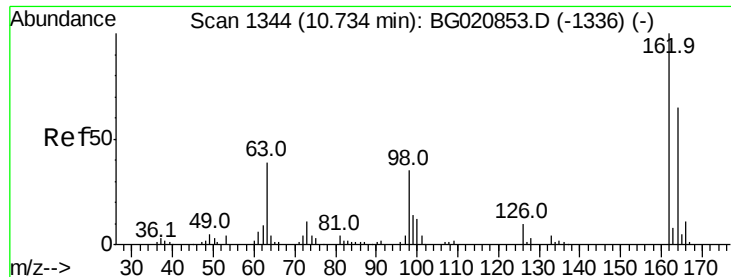
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#28
bis(2-Chloroethoxy)methane
Concen: 41.91 ng
RT: 10.47 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	80338		
95	31.8	26.2	39.2	
123	12.1	10.0	15.0	





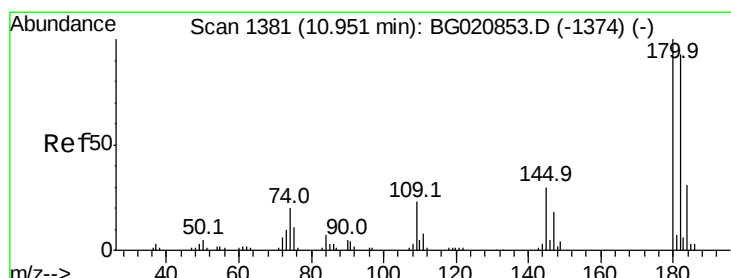
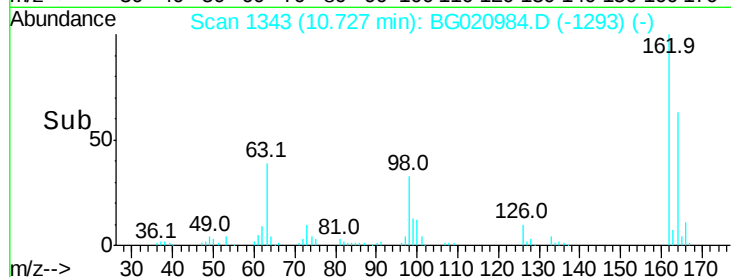
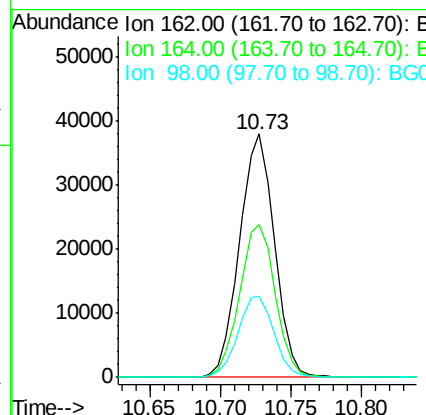
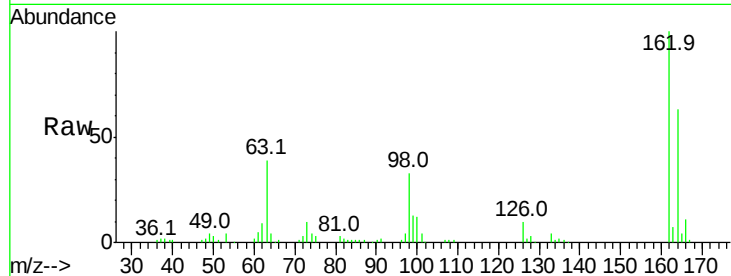
#29
 2,4-Dichlorophenol
 Concen: 47.32 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	65787		
164	62.7		44.5	84.5
98	33.1		14.9	54.9

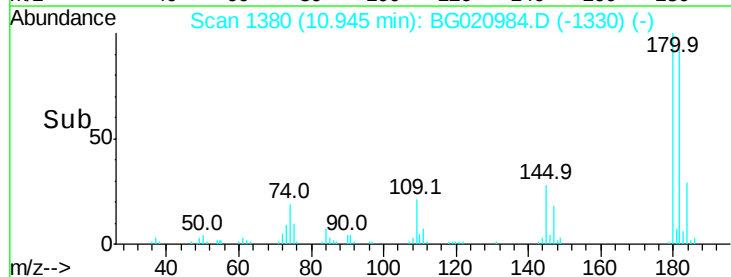
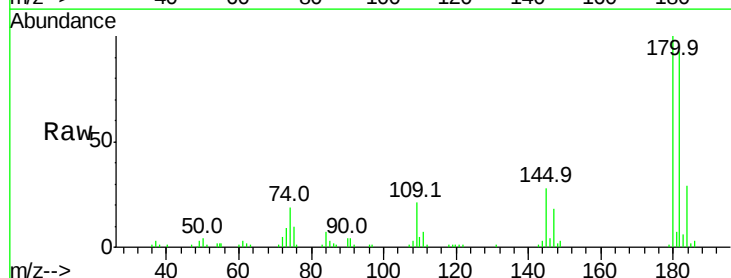
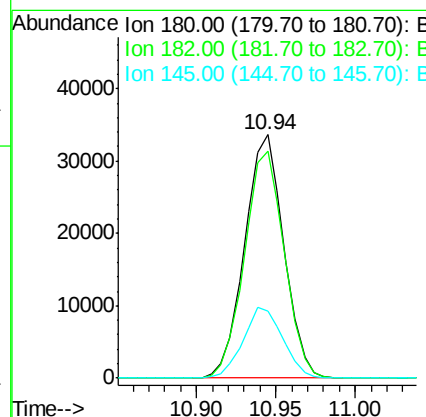
Manual Integrations
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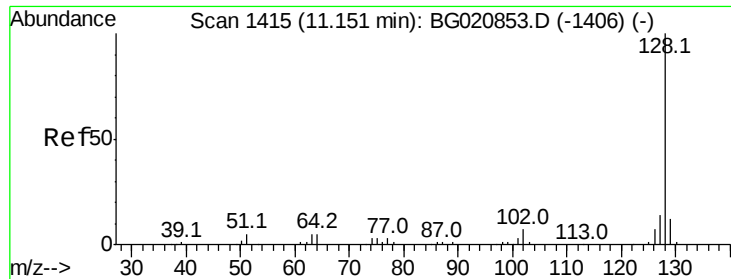
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.04 ng
 RT: 10.94 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	57468		
182	93.0		74.1	111.1
145	27.7		24.1	36.1





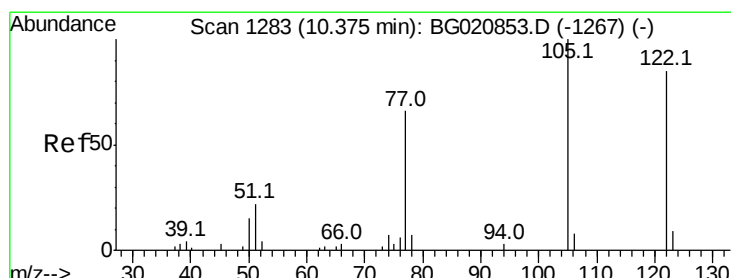
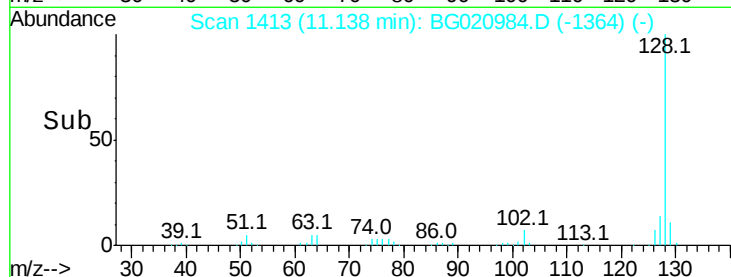
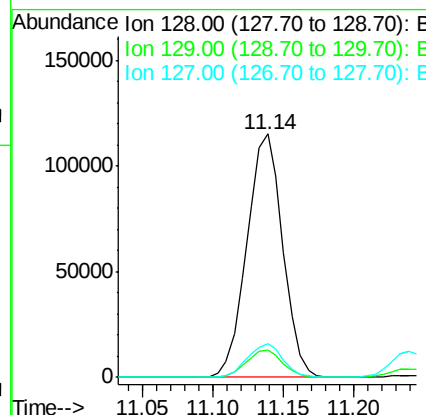
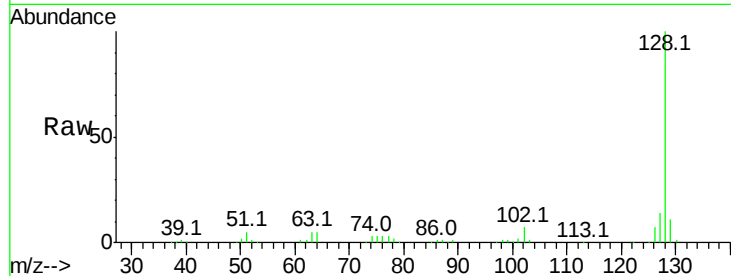
#31
Naphthalene
Concen: 40.72 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	204378		
129	11.2		9.3	13.9
127	13.9		11.4	17.2

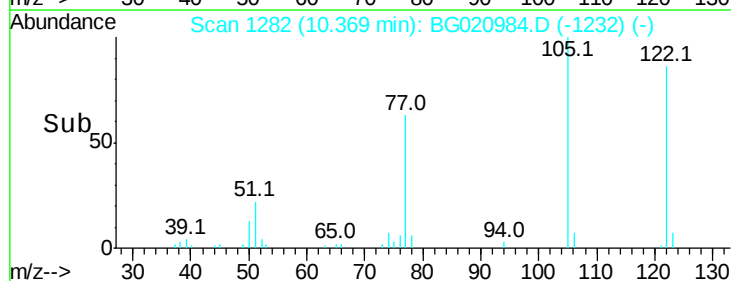
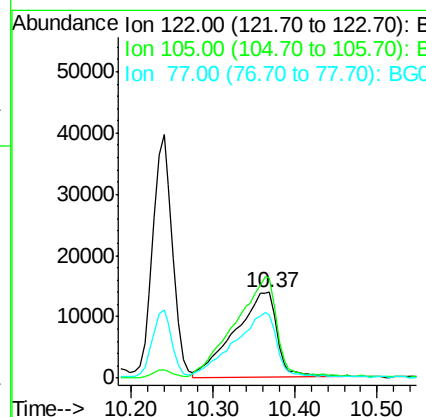
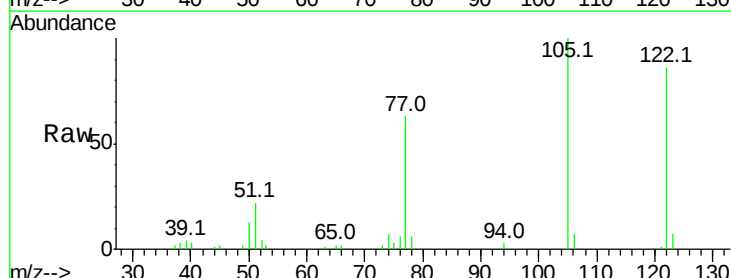
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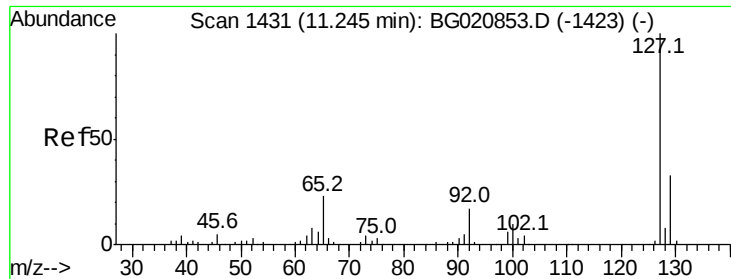
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#32
Benzoic acid
Concen: 40.07 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	49860		
105	116.7		94.0	134.0
77	73.5		56.8	96.8





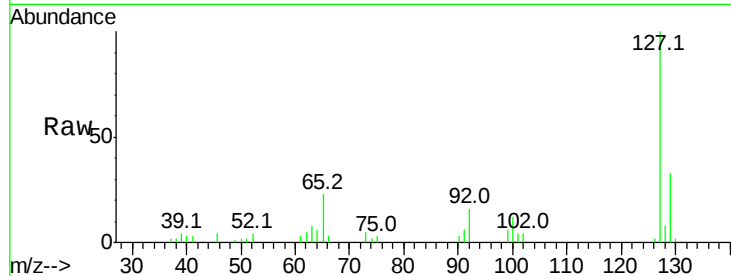
#33
4-Chloroaniline
Concen: 11.04 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampled :
PB88453BS

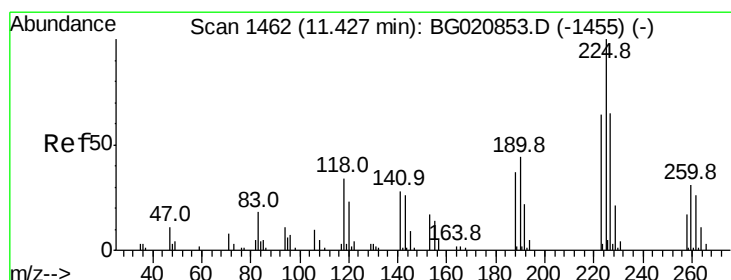
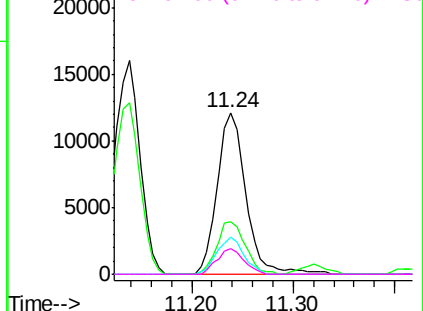
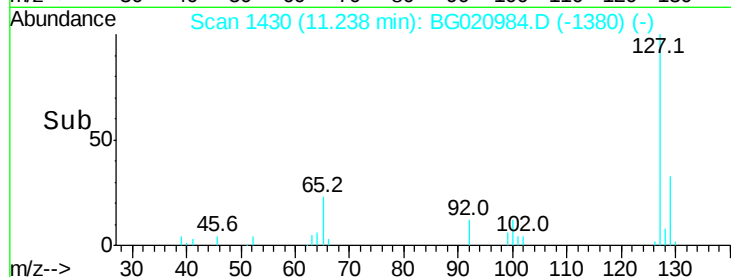
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	23.4	18.6	27.8
92	15.6	13.3	19.9

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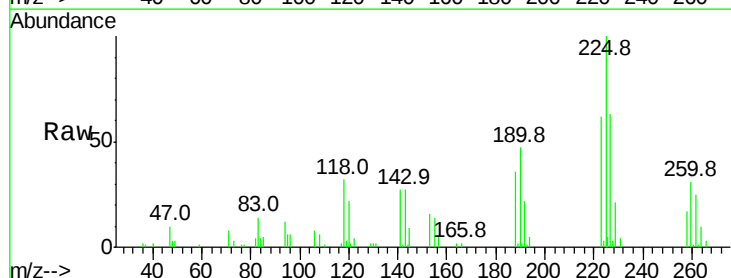


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

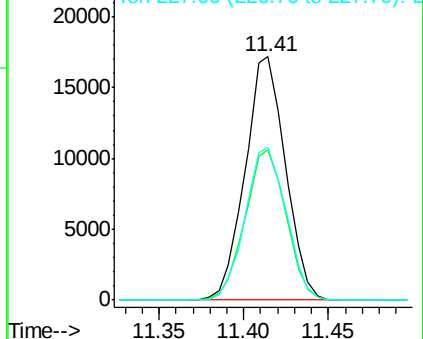
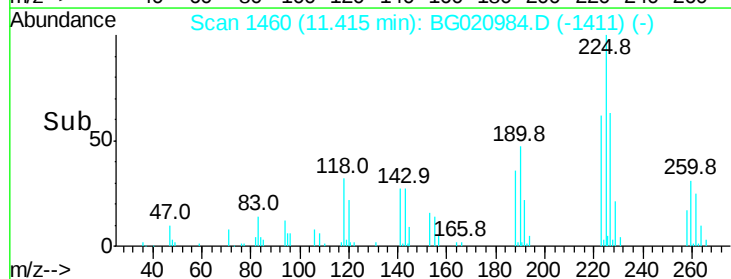


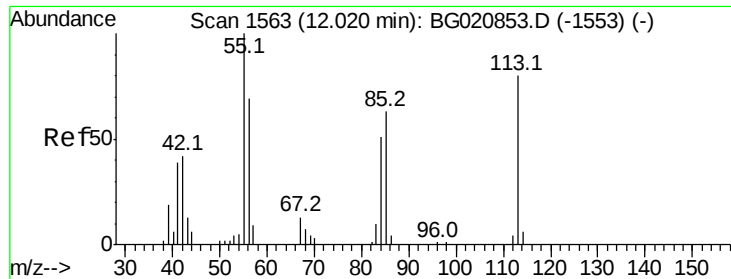
#34
Hexachlorobutadiene
Concen: 40.10 ng
RT: 11.41 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	62.7	51.7	77.5



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: 51.66 ng/mL

RT: 12.01 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

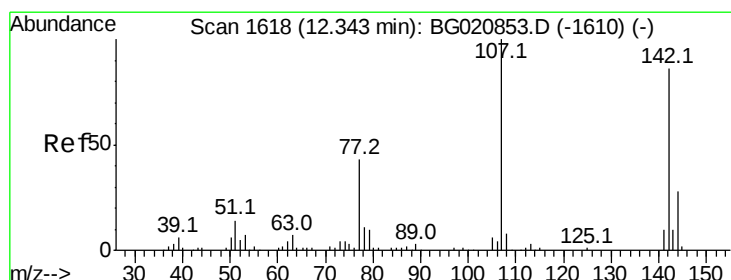
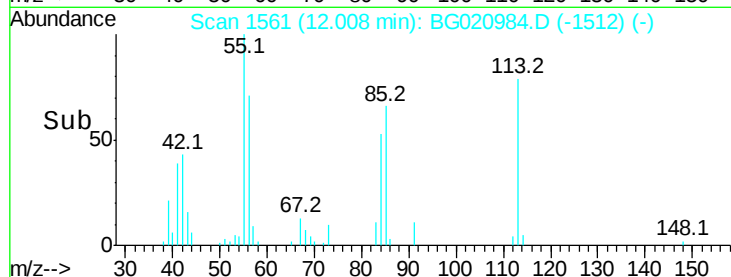
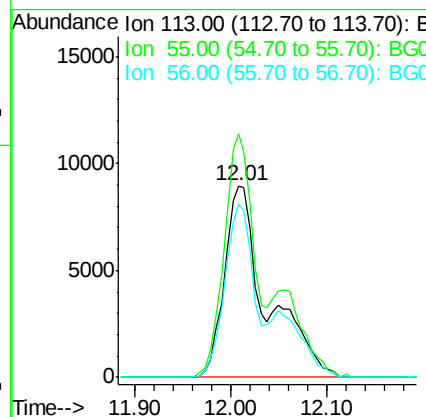
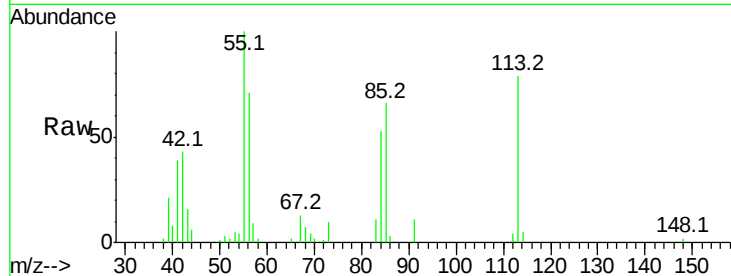
ClientSampleID :

PB88453BS

Tot Ion:	113	Resp:	27519
Ion Ratio	Lower	Upper	
113	100		
55	127.0	104.4	144.4
56	90.6	65.4	105.4

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#36

4-Chloro-3-methylphenol

Concen: 47.84 ng/mL

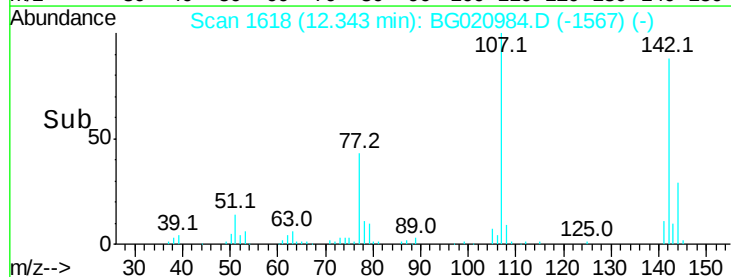
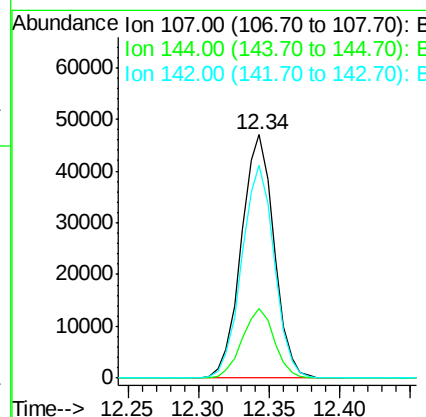
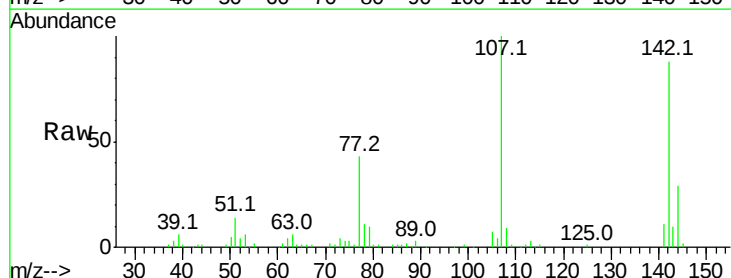
RT: 12.34 min Scan# 1618

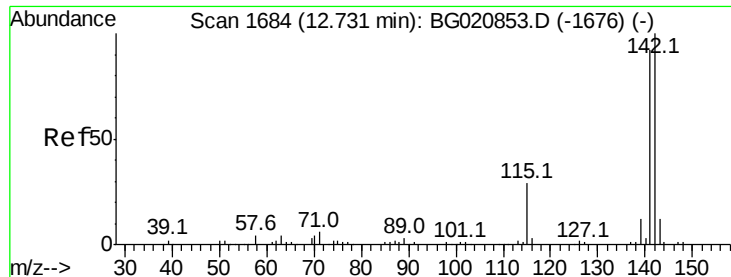
Delta R.T. -0.00 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:	107	Resp:	76208
Ion Ratio	Lower	Upper	
107	100		
144	28.7	22.4	33.6
142	87.7	68.6	103.0





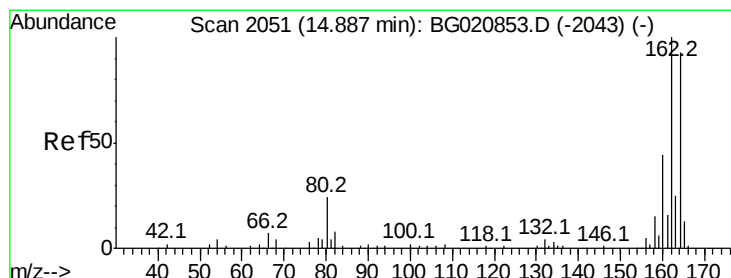
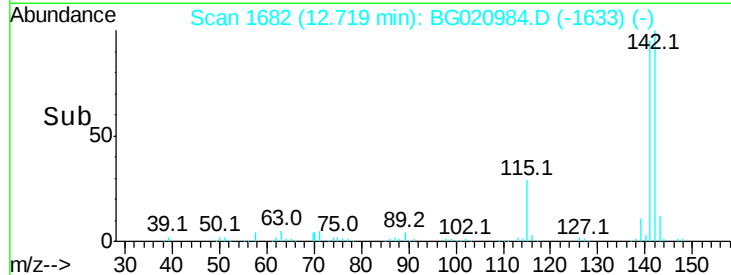
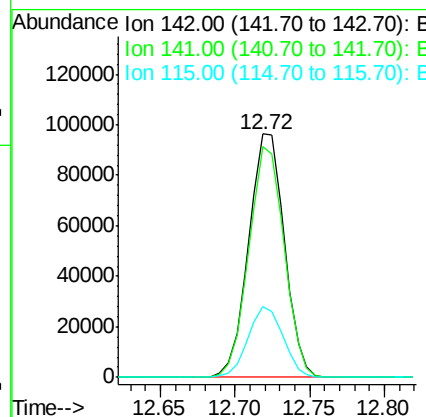
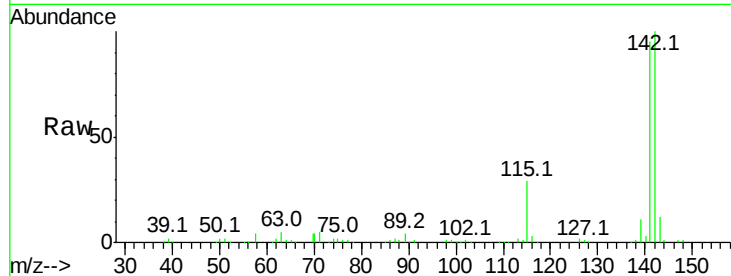
#37
2-Methylnaphthalene
Concen: 45.25 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.4	110.2
115	29.1	23.0	34.6

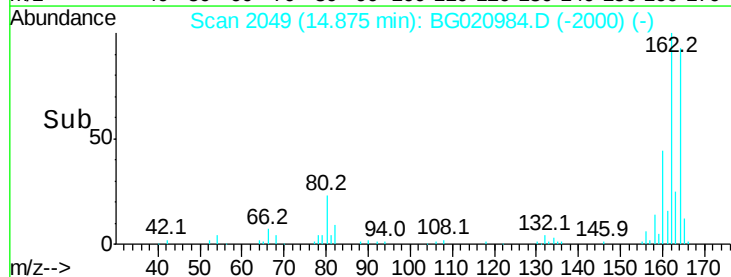
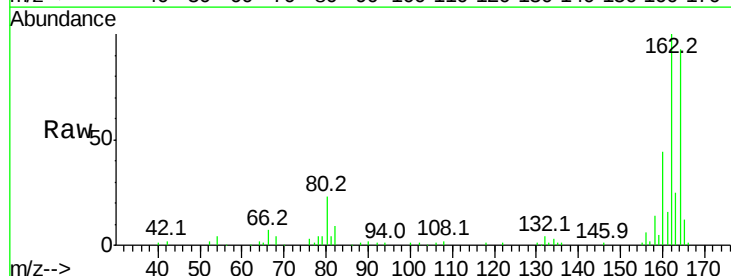
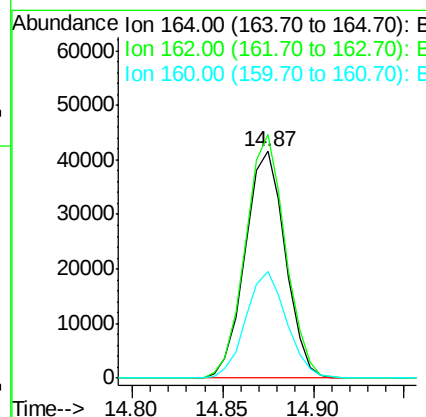
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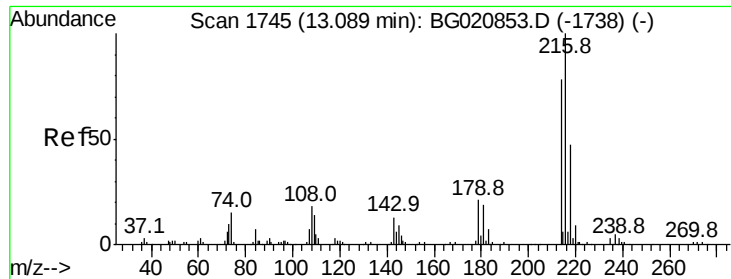
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.7	128.5
160	47.2	37.4	56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.93 ng

RT: 13.08 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG020984.D

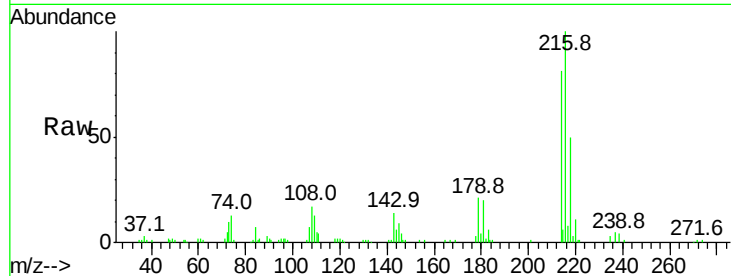
Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

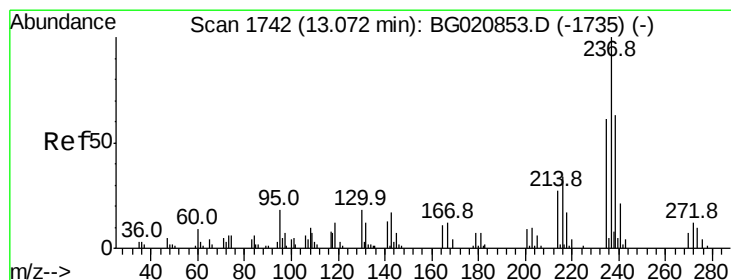
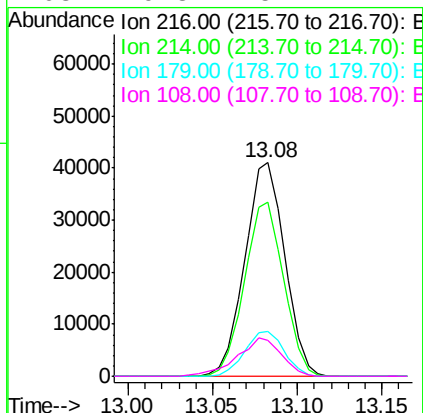
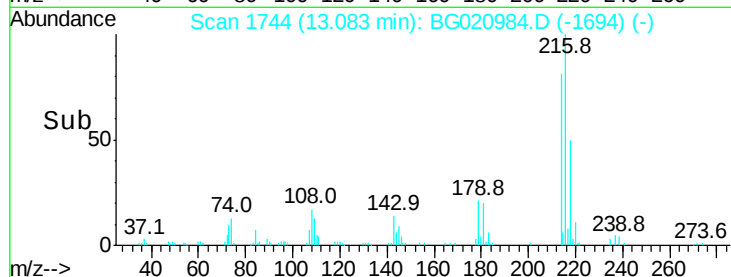
PB88453BS



Tot Ion	Ratio	Lower	Upper
216	100		
214	79.9	61.9	92.9
179	20.8	16.5	24.7
108	19.8	15.1	22.7

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#40

Hexachlorocyclopentadiene

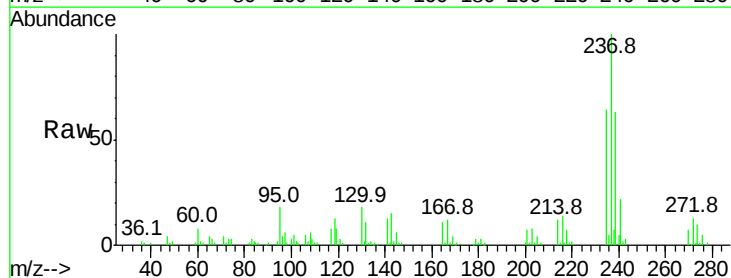
Concen: 74.73 ng

RT: 13.06 min Scan# 1740

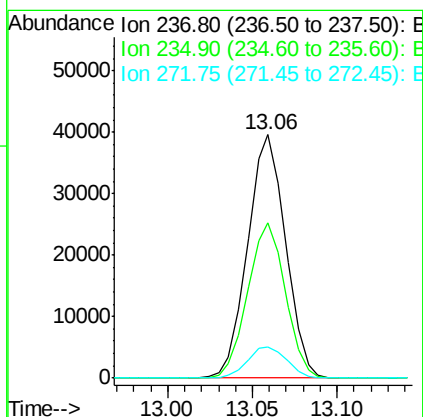
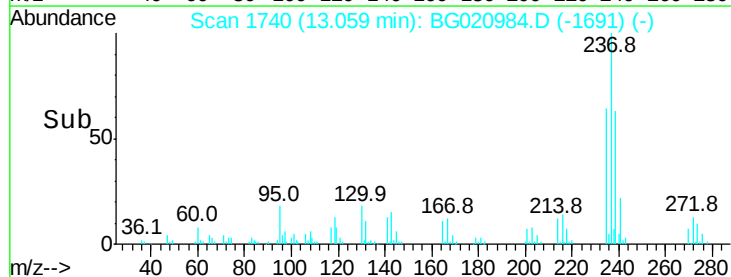
Delta R.T. -0.01 min

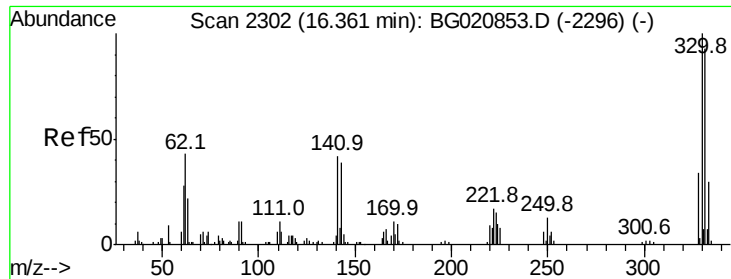
Lab File: BG020984.D

Acq: 19 Feb 2016 22:52



Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	40.8	80.8
272	13.0	0.0	32.3





#41

2,4,6-Tribromophenol

Concen: 99.59 ng

RT: 16.35 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

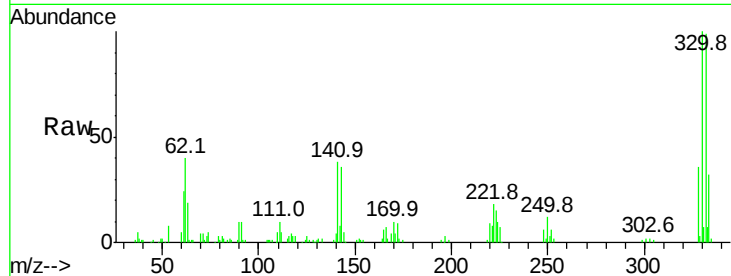
ClientSampleId :

PB88453BS

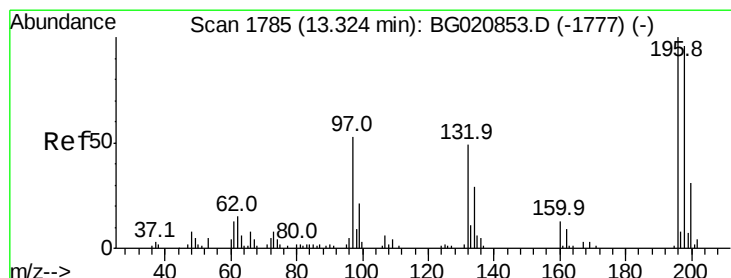
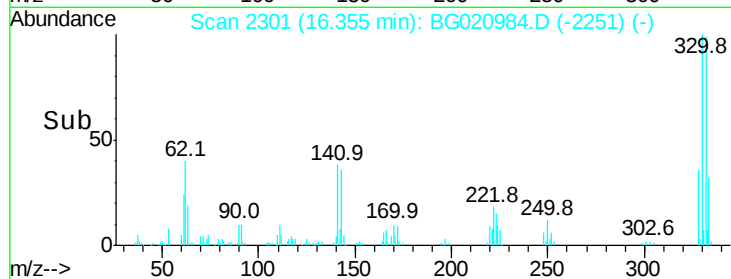
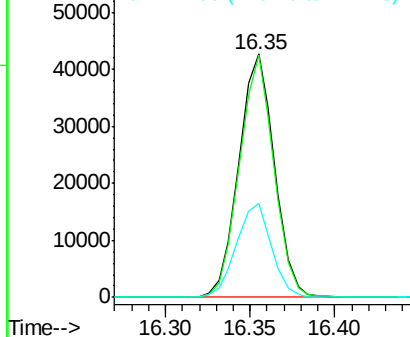
Tot Ion:	330	Resp:	62459
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.1	114.1
141	38.3	32.0	48.0

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



#42

2,4,6-Trichlorophenol

Concen: 43.65 ng

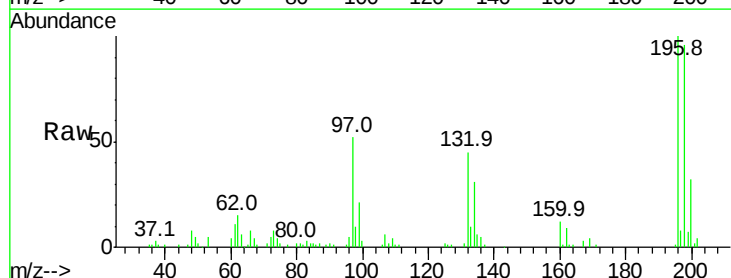
RT: 13.32 min Scan# 1784

Delta R.T. -0.01 min

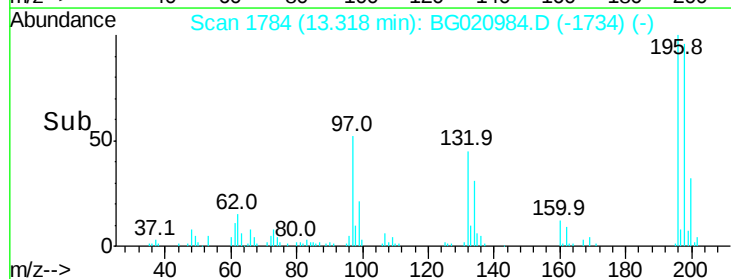
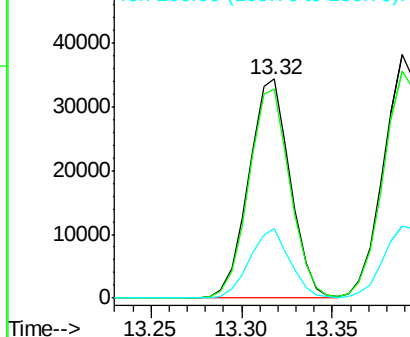
Lab File: BG020984.D

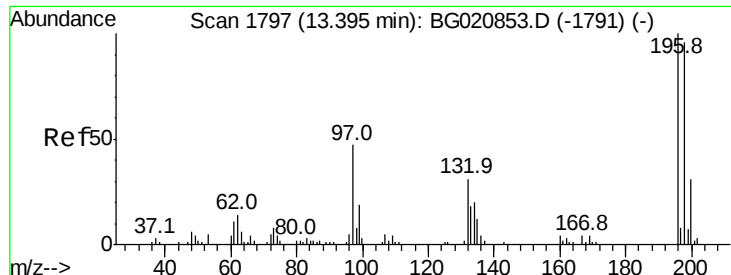
Acq: 19 Feb 2016 22:52

Tgt Ion:	196	Resp:	54856
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.1	115.7
200	31.6	24.7	37.1



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





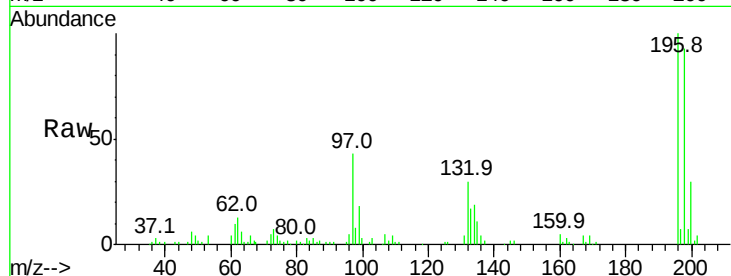
#43
 2,4,5-Trichlorophenol
 Concen: 46.02 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

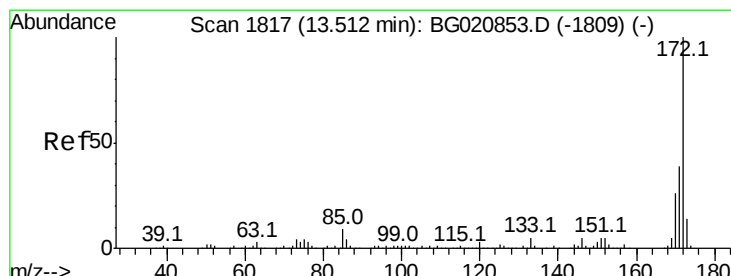
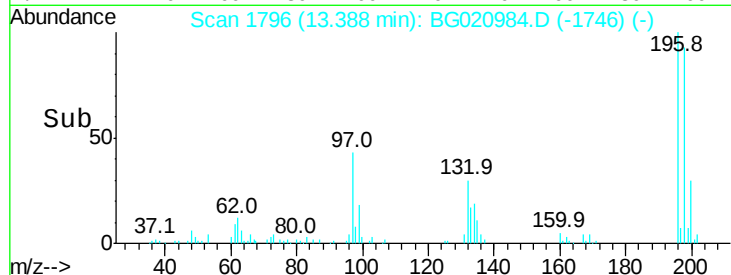
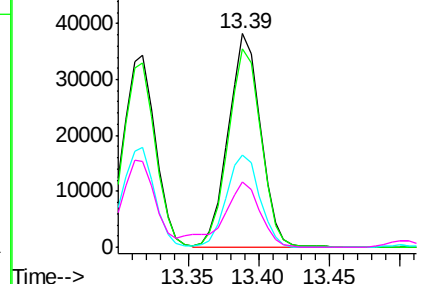
Tot Ion	196	Resp	60800
Ion Ratio	Lower	Upper	
196	100		
198	93.2	76.4	114.6
97	43.3	37.4	56.0
132	30.4	24.7	37.1

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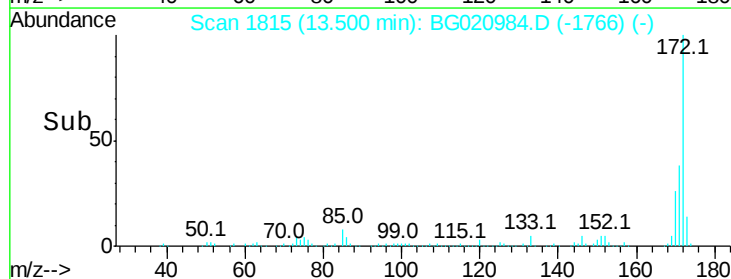
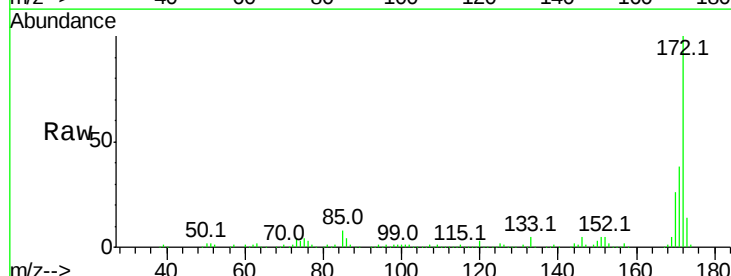
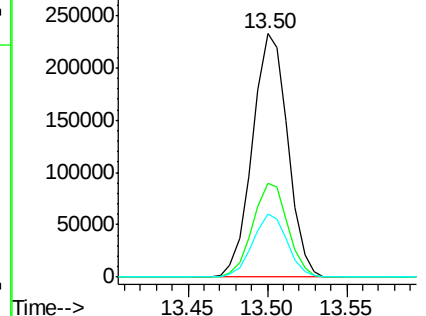
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

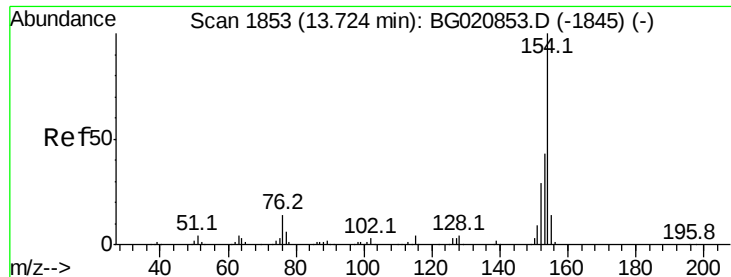


#44
 2-Fluorobiphenyl
 Concen: 79.27 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	172	Resp	359864
Ion Ratio	Lower	Upper	
172	100		
171	38.4	31.2	46.8
170	25.8	20.6	30.8

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





#45

1,1'-Biphenyl

Concen: 36.98 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

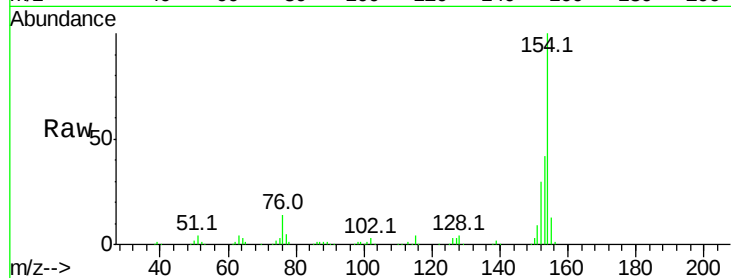
ClientSampleId :

PB88453BS

Tot Ion:	154	Resp:	208070
Ion Ratio	Lower	Upper	
154	100		
153	42.4	22.5	62.5
76	14.2	0.0	33.8

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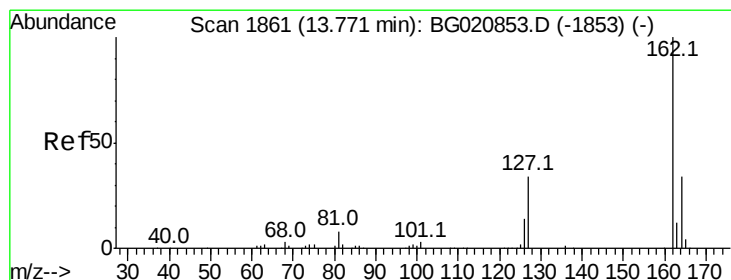
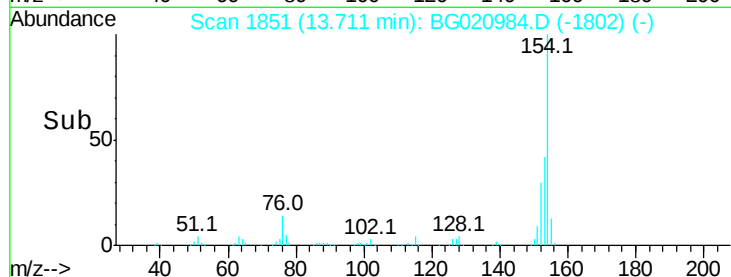
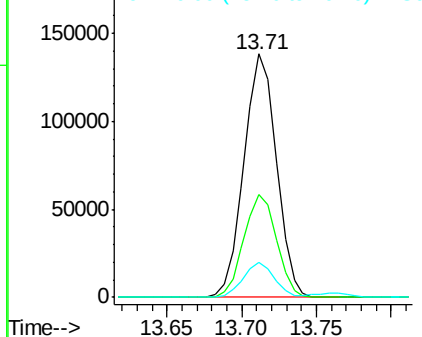
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 38.86 ng

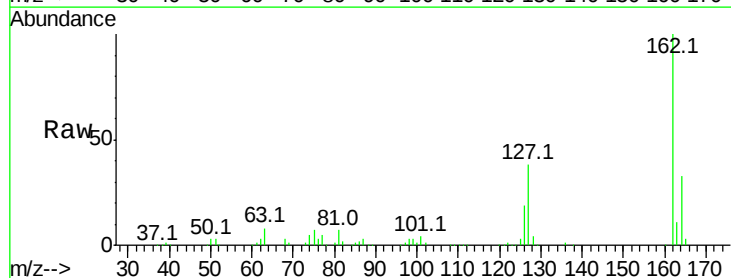
RT: 13.76 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

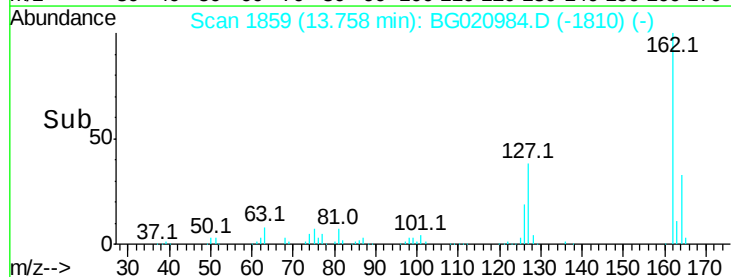
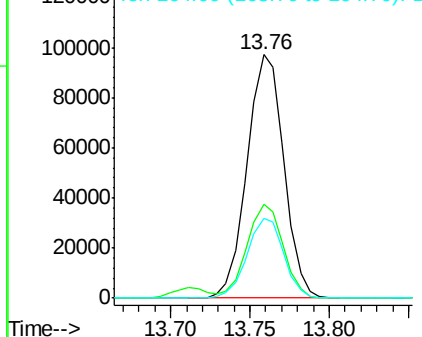
Tgt Ion:	162	Resp:	156530
Ion Ratio	Lower	Upper	
162	100		
127	38.5	30.6	45.8
164	32.7	26.8	40.2

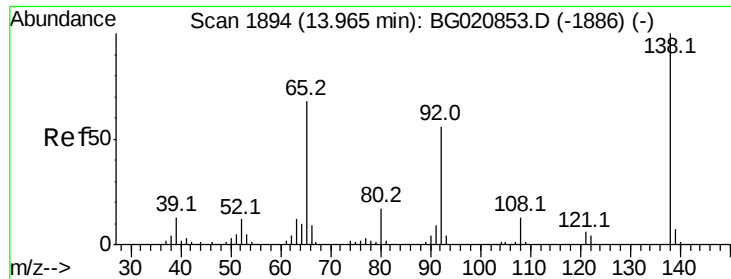


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





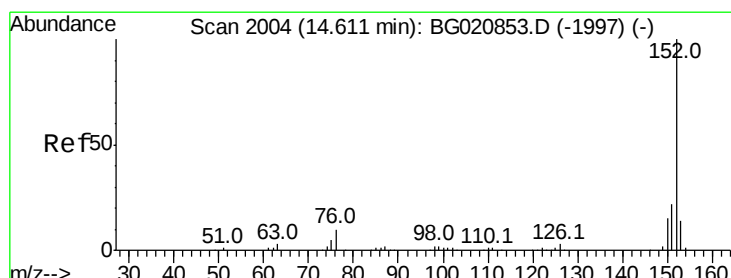
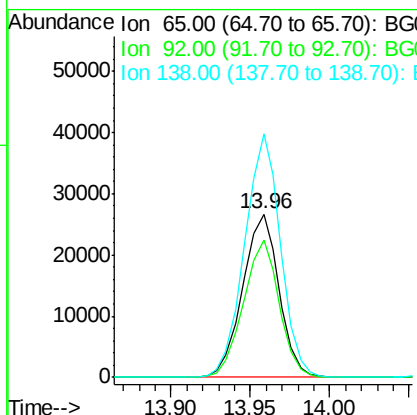
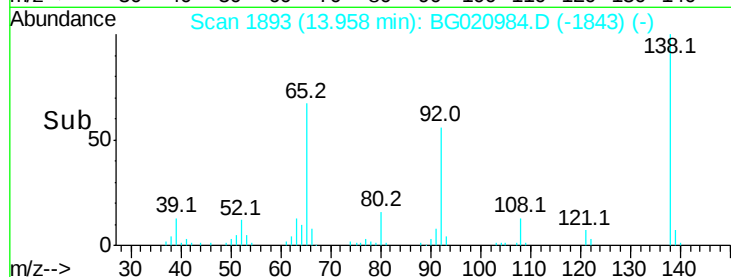
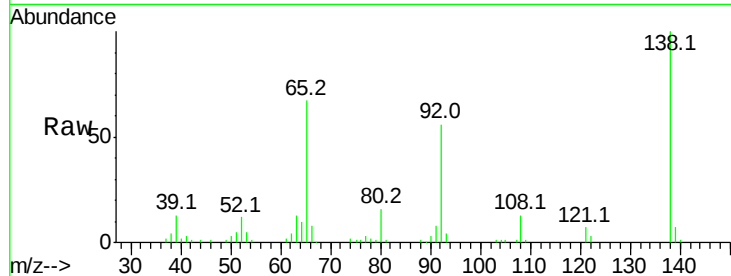
#47
 2-Nitroaniline
 Concen: 43.82 ng
 RT: 13.96 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampled :
 PB88453BS

Tot Ion:	65	Resp:	42265
Ion Ratio	Lower	Upper	
65	100		
92	84.0	65.8	98.8
138	149.2	117.1	175.7

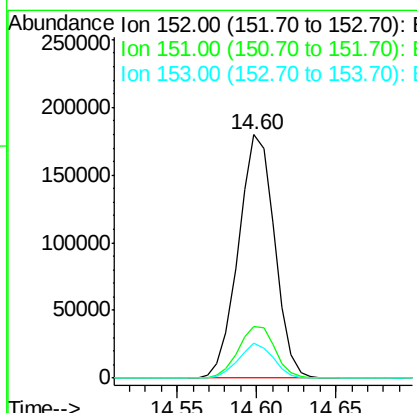
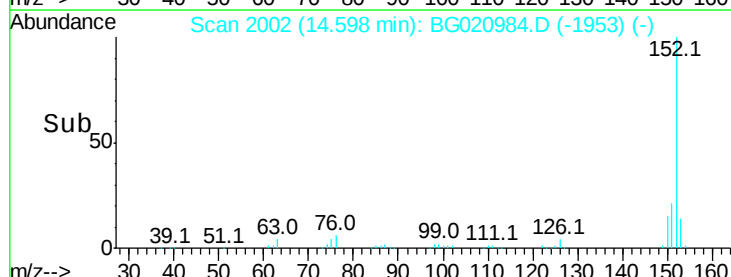
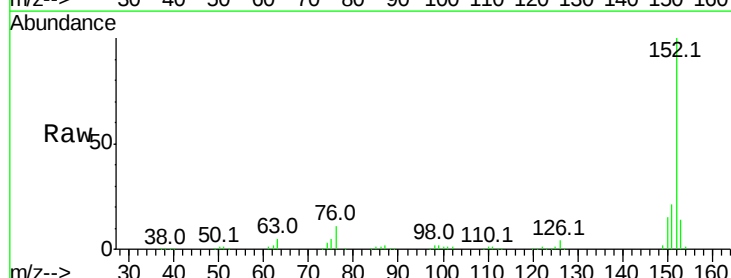
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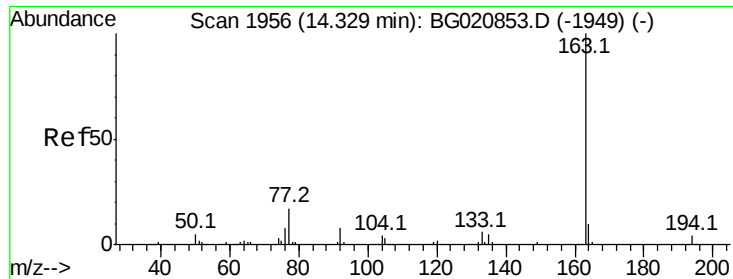
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#48
 Acenaphthylene
 Concen: 40.54 ng
 RT: 14.60 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion:	152	Resp:	283933
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.5	26.3
153	14.1	10.9	16.3





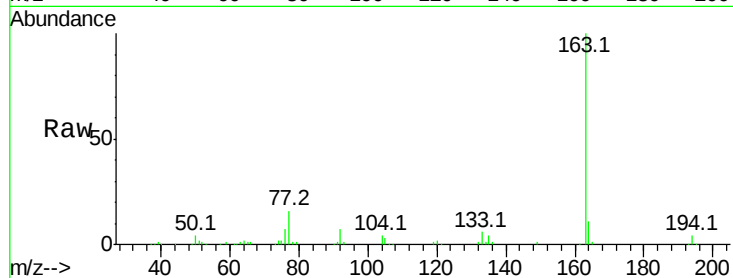
#49
Dimethylphthalate
Concen: 42.37 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

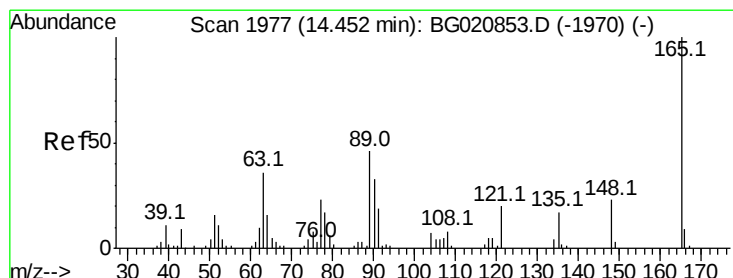
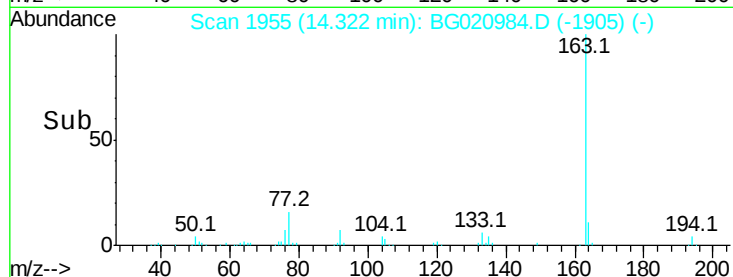
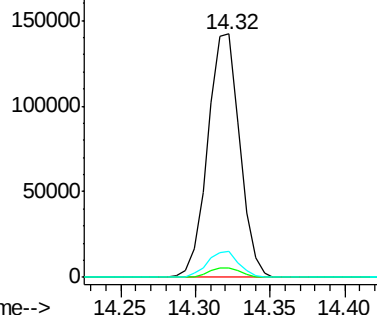
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.1	4.7
164	10.5	8.3	12.5

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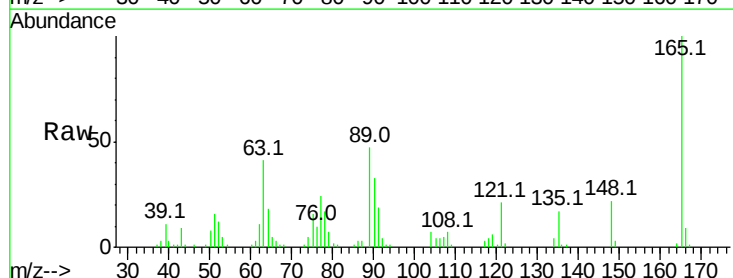


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

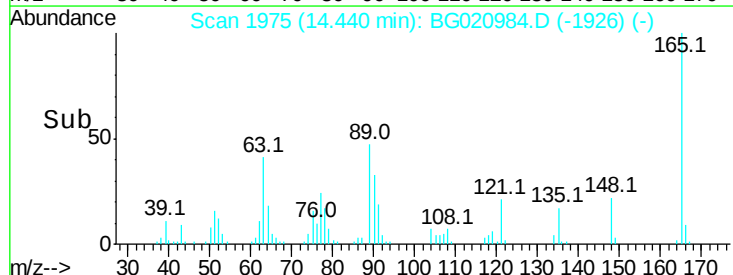
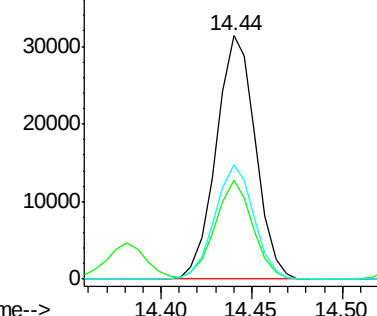


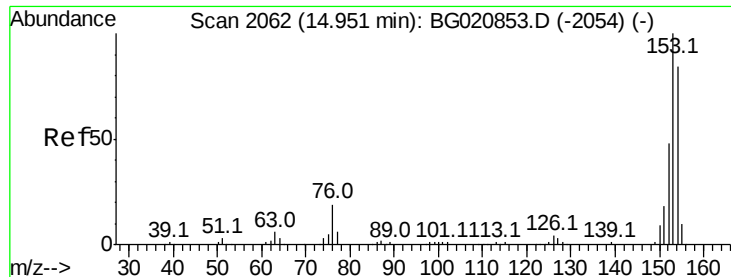
#50
2,6-Dinitrotoluene
Concen: 44.34 ng
RT: 14.44 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.7	30.3	45.5
89	47.1	36.9	55.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.05 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

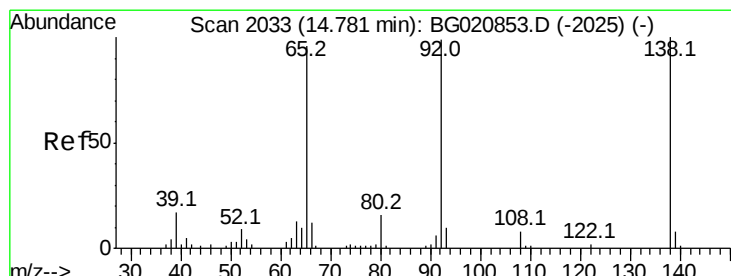
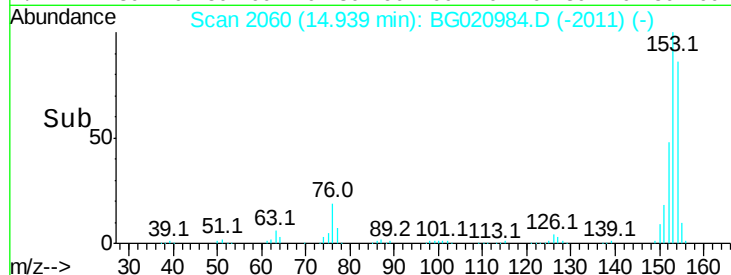
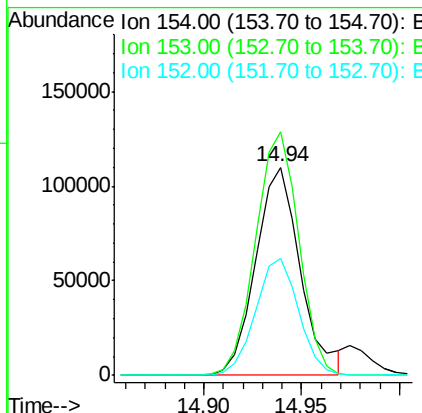
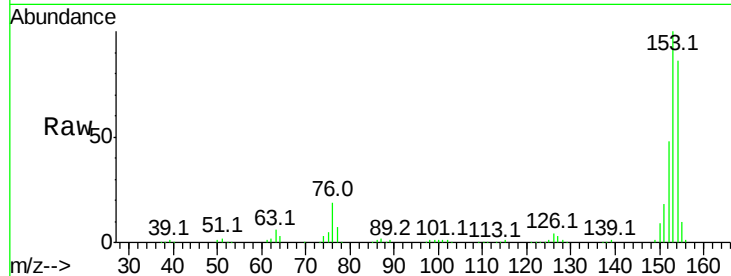
ClientSampleId :

PB88453BS

Tot Ion:	154	Resp:	174302
Ion Ratio	Lower	Upper	
154	100		
153	116.9	95.4	143.0
152	56.3	46.1	69.1

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#52

3-Nitroaniline

Concen: 27.06 ng

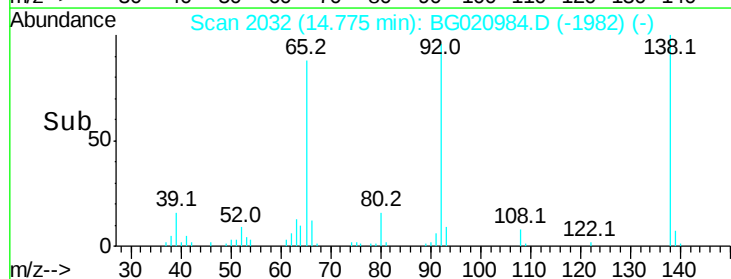
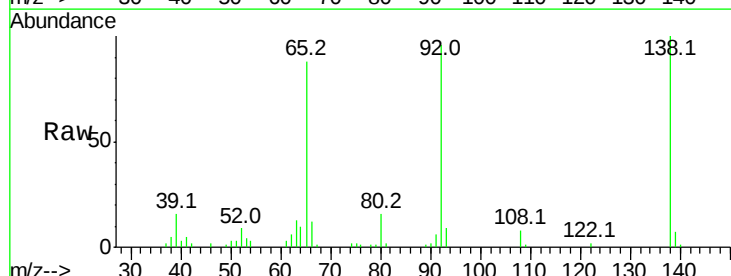
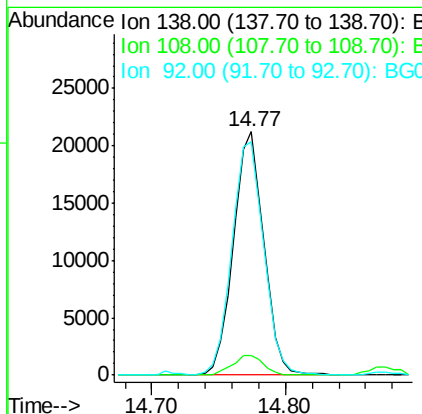
RT: 14.77 min Scan# 2032

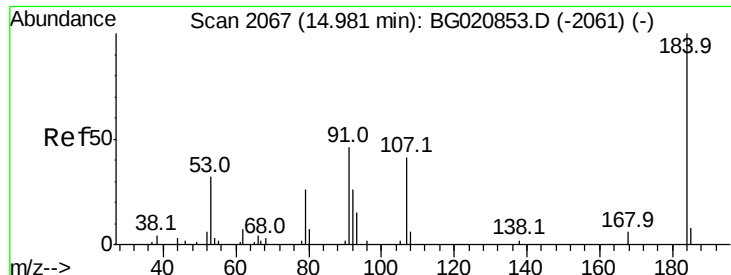
Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:	138	Resp:	33595
Ion Ratio	Lower	Upper	
138	100		
108	8.1	6.2	9.2
92	95.7	79.5	119.3





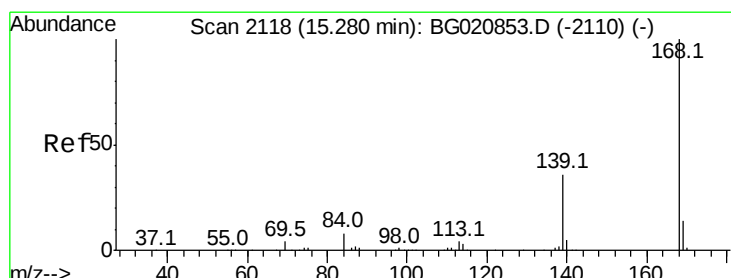
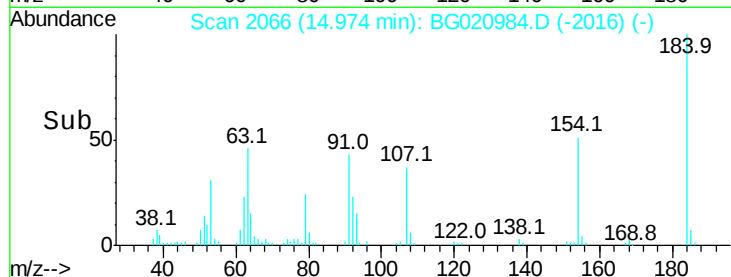
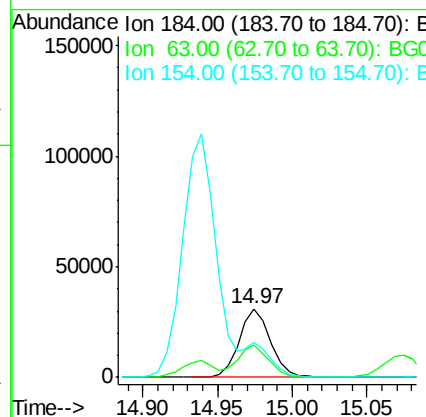
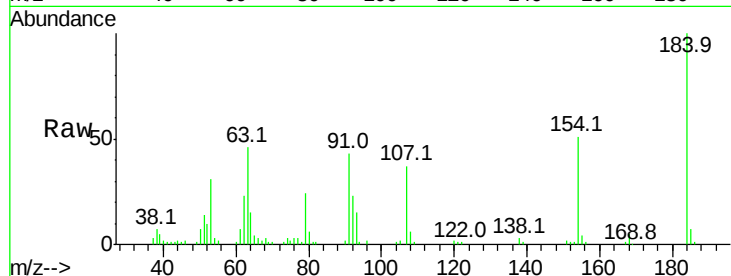
#53
 2,4-Dinitrophenol
 Concen: 98.64 ng
 RT: 14.97 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	45690		
63	46.3	39.8	59.6	
154	50.7	48.1	72.1	

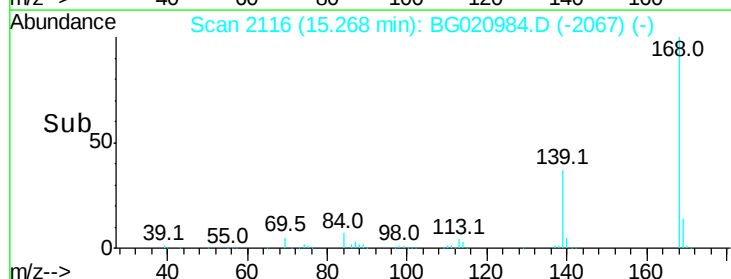
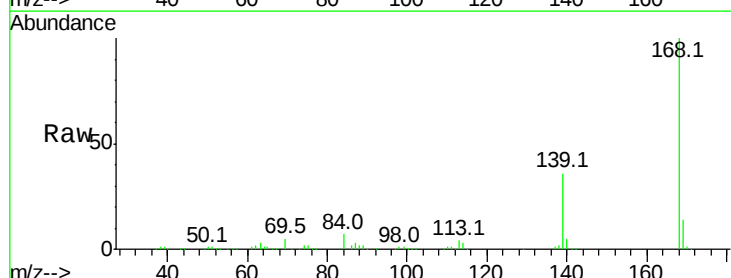
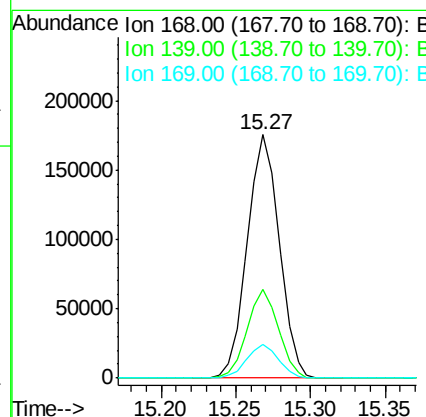
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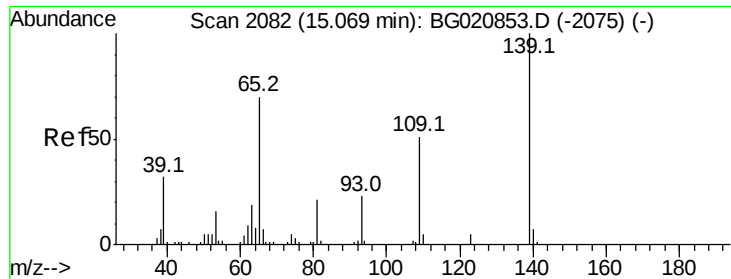
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#54
 Dibenzofuran
 Concen: 46.33 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	260233		
139	36.3	28.5	42.7	
169	13.8	11.0	16.4	





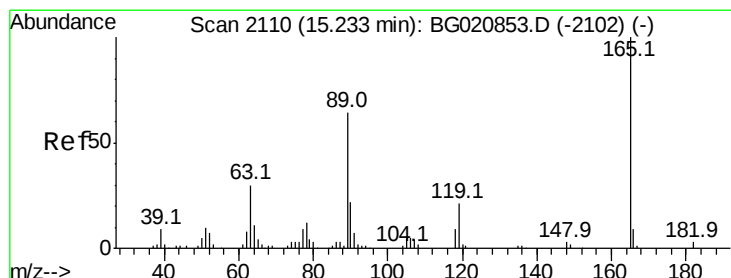
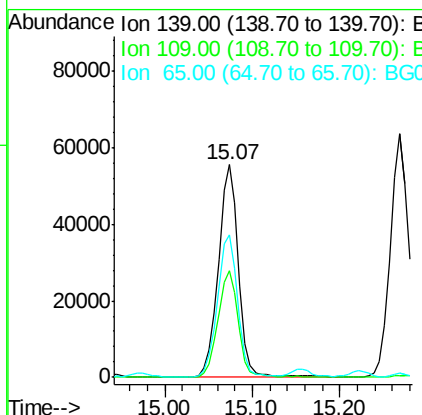
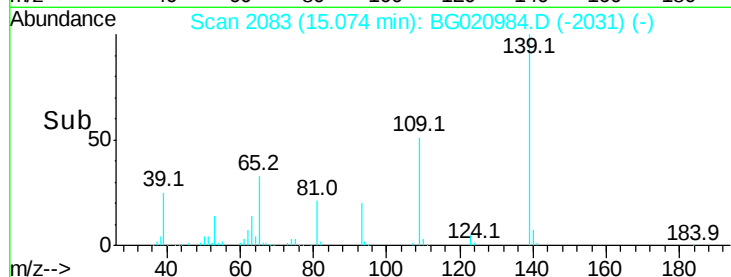
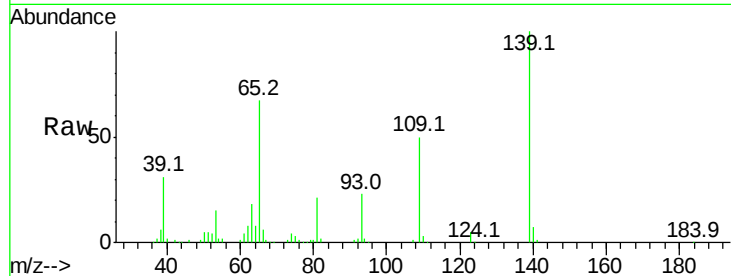
#55
4-Nitrophenol
Concen: 94.82 ng
RT: 15.07 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	50.3	31.0	71.0	
65	67.0	49.6	89.6	

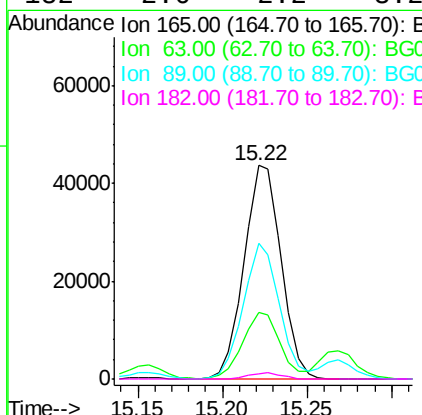
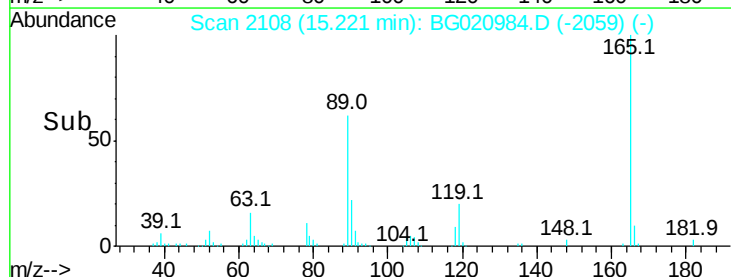
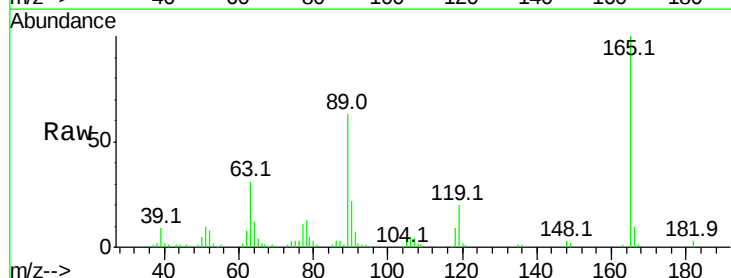
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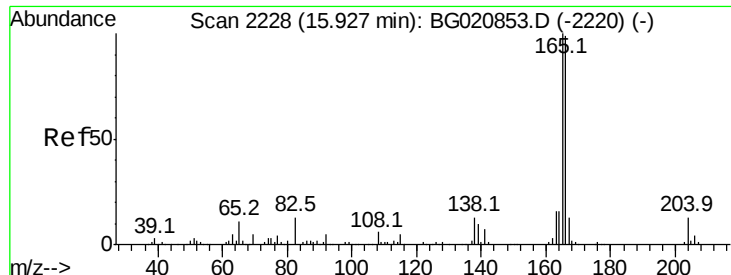
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#56
2,4-Dinitrotoluene
Concen: 48.25 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	31.0	23.7	35.5	
89	63.3	50.9	76.3	
182	2.6	2.2	3.2	





#57

Fluorene

Concen: 43.82 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

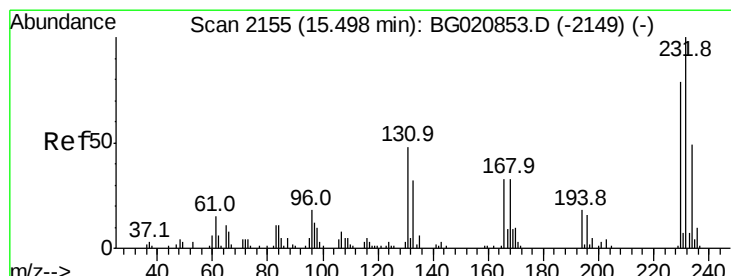
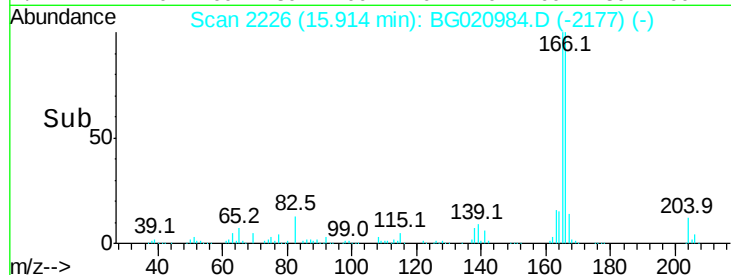
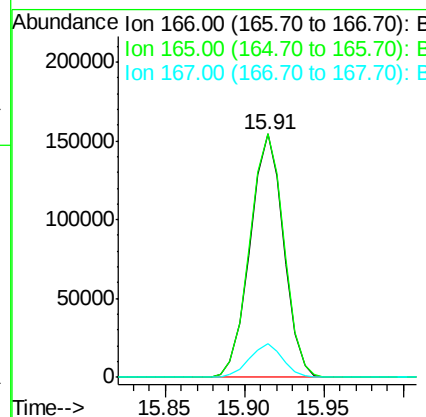
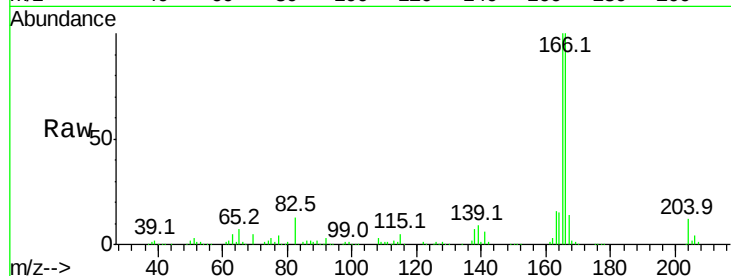
ClientSampleId :

PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	81.0	121.4	
167	13.7	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.55 ng

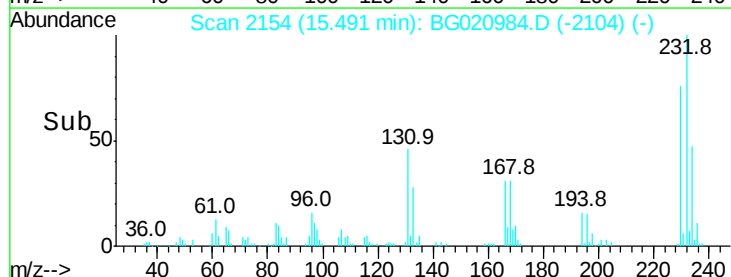
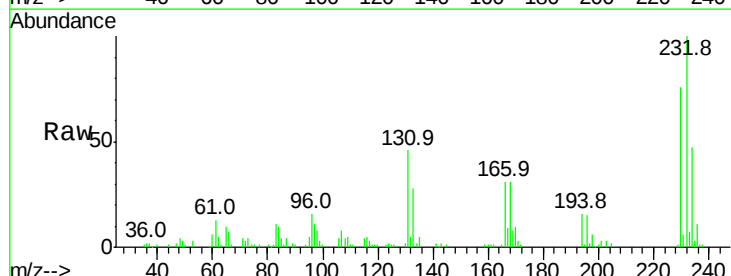
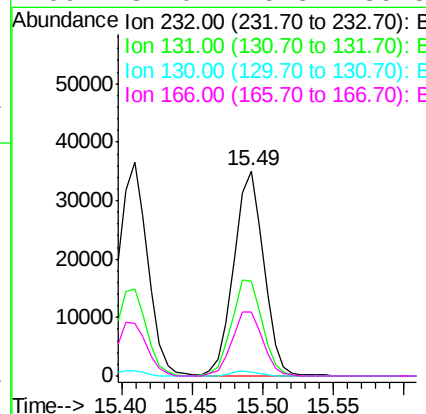
RT: 15.49 min Scan# 2154

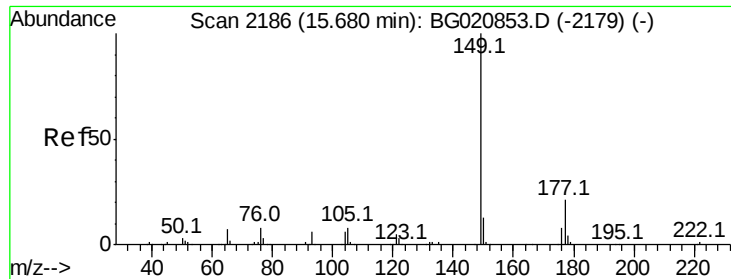
Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.1	39.2	58.8	
130	2.4	2.0	3.0	
166	32.0	25.8	38.8	





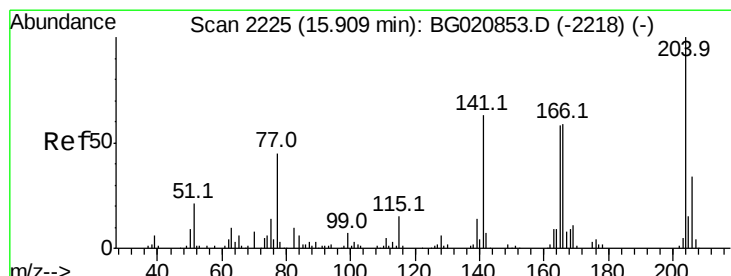
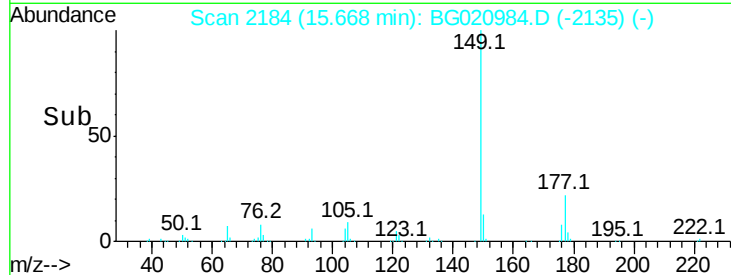
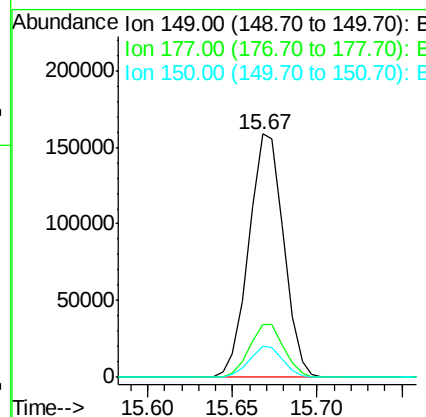
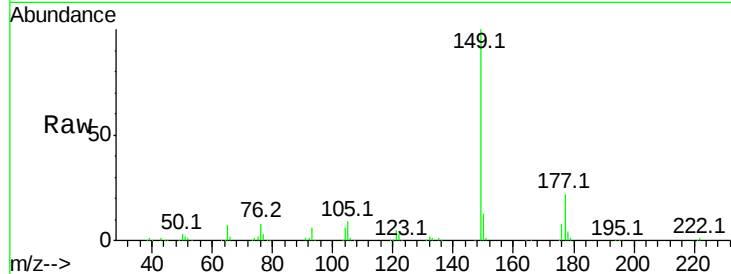
#59
Diethylphthalate
Concen: 44.32 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	227177		
177	21.7	16.9	25.3	
150	13.0	10.1	15.1	

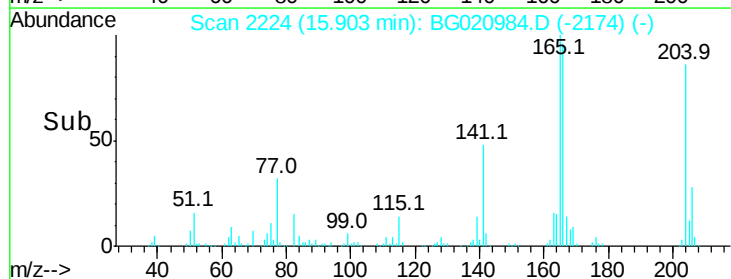
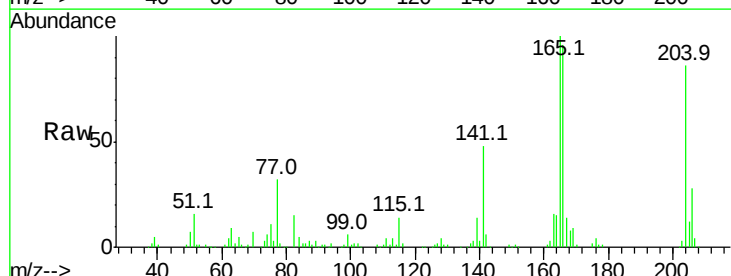
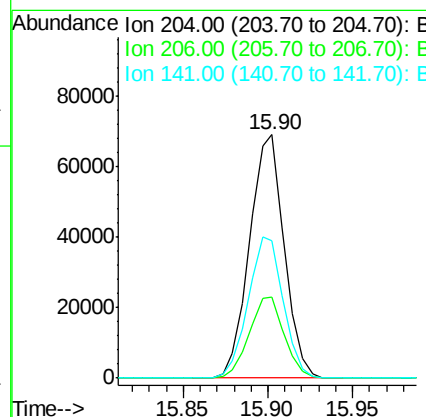
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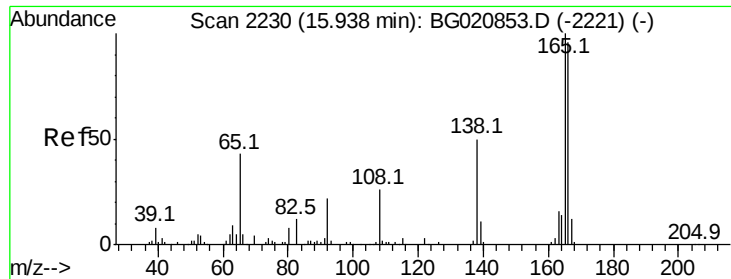
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#60
4-Chlorophenyl-phenylether
Concen: 42.80 ng
RT: 15.90 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	98319		
206	33.1	26.9	40.3	
141	56.5	50.3	75.5	





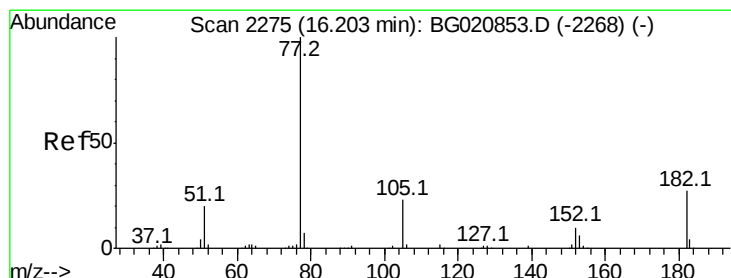
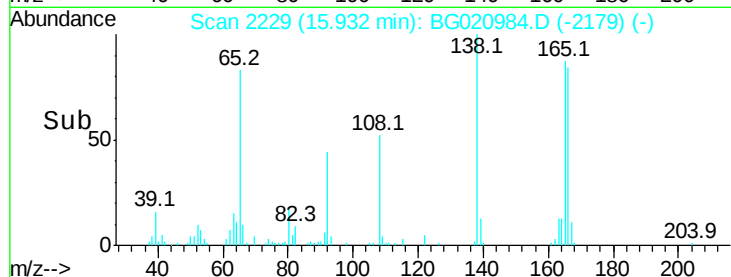
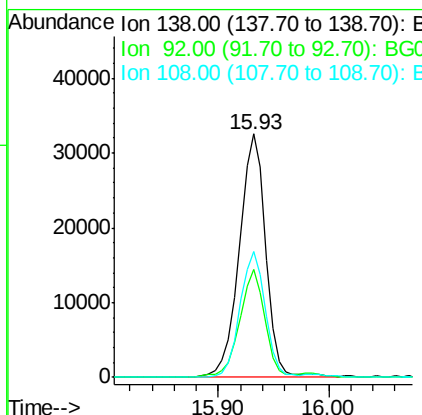
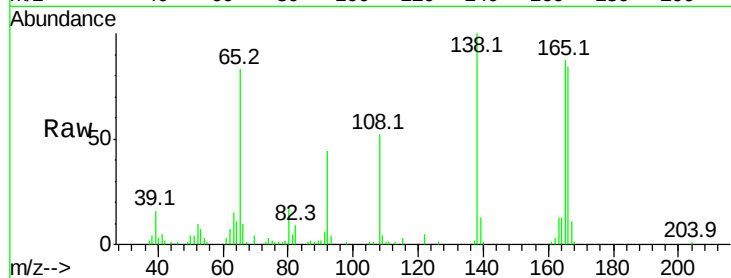
#61
 4-Nitroaniline
 Concen: 43.96 ng
 RT: 15.93 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion:	138	Resp:	54795
Ion Ratio	Lower	Upper	
138	100		
92	44.5	24.1	64.1
108	51.7	32.4	72.4

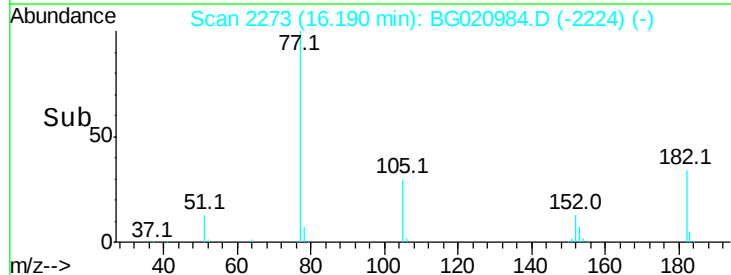
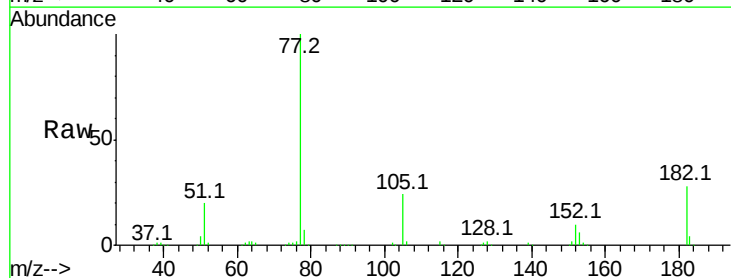
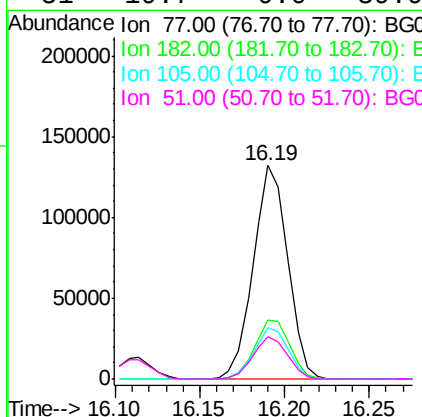
Manual Integrations
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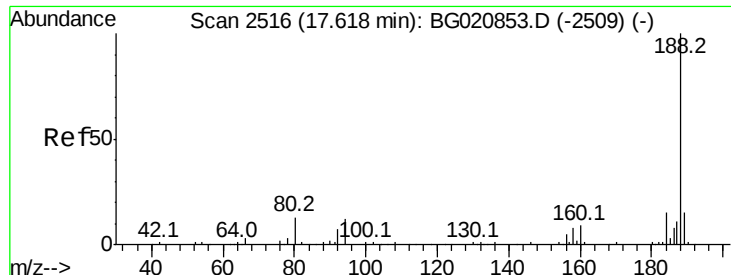
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#62
 Azobenzene
 Concen: 46.50 ng
 RT: 16.19 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion:	77	Resp:	187447
Ion Ratio	Lower	Upper	
77	100		
182	27.6	6.8	46.8
105	24.2	3.4	43.4
51	19.7	0.0	39.9





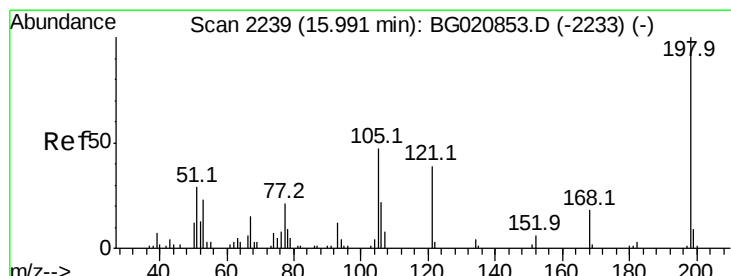
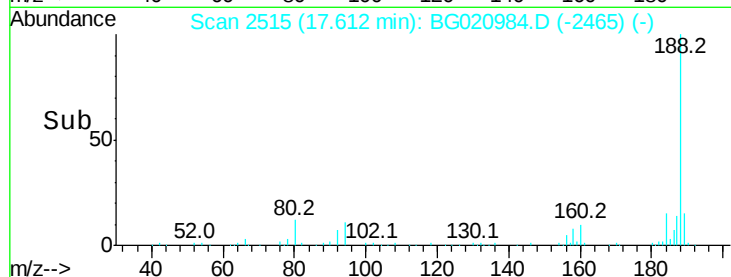
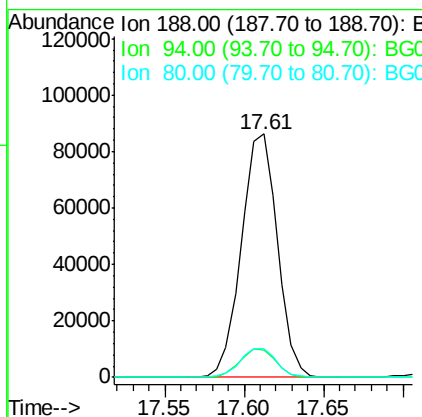
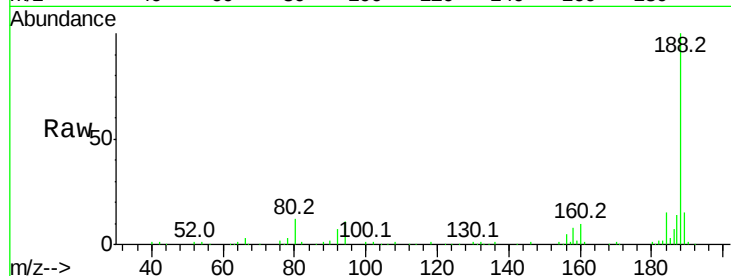
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	9.4	14.0
80	11.7	10.2	15.4

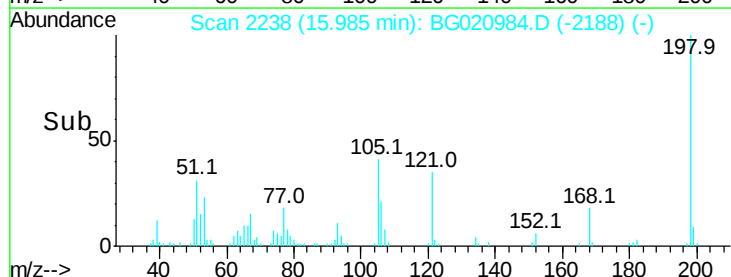
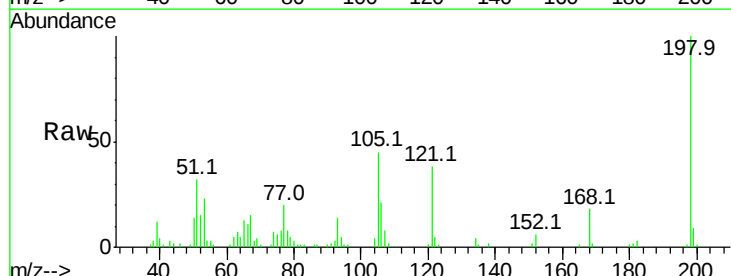
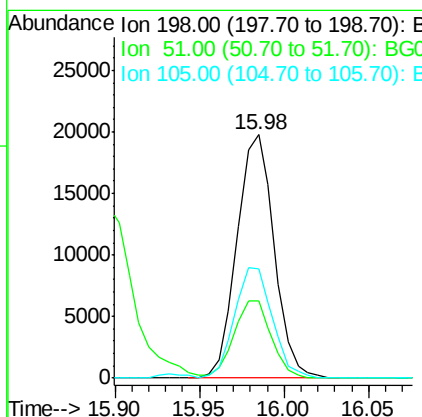
Manual Integrations
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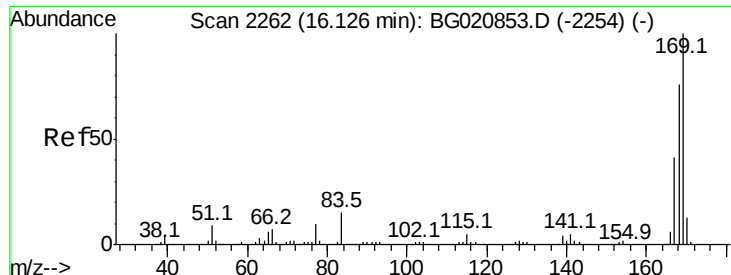
UMANGI
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.29 ng
 RT: 15.98 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	31.9	10.6	50.6
105	45.0	27.0	67.0





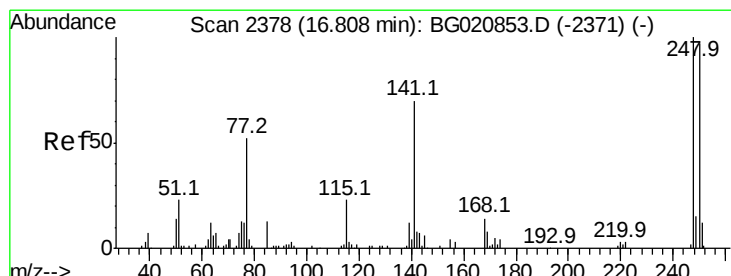
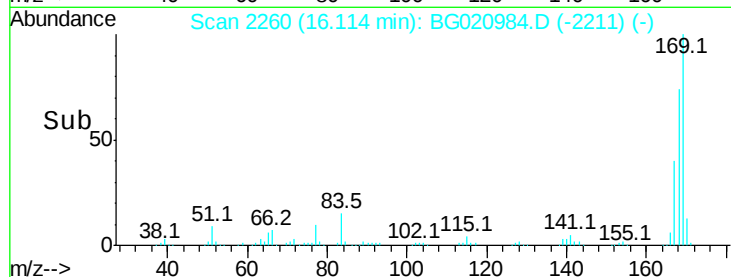
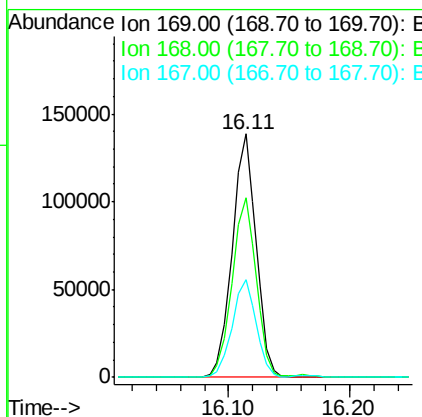
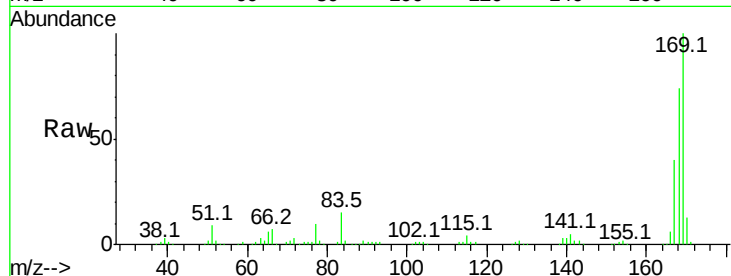
#65
 n-Nitrosodiphenylamine
 Concen: 43.48 ng
 RT: 16.11 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	190913		
168	73.9	60.7	91.1	
167	40.2	32.8	49.2	

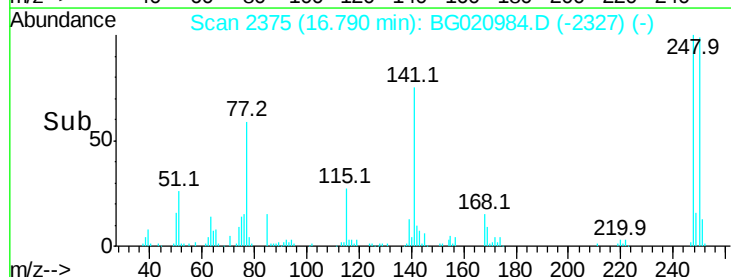
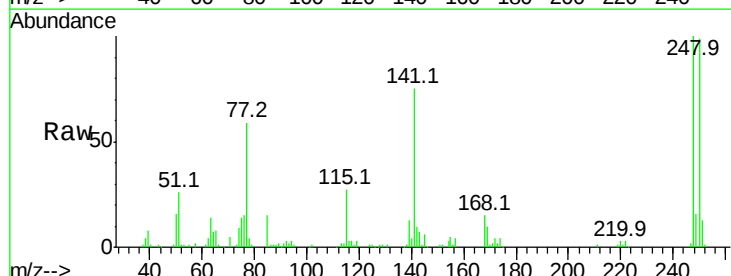
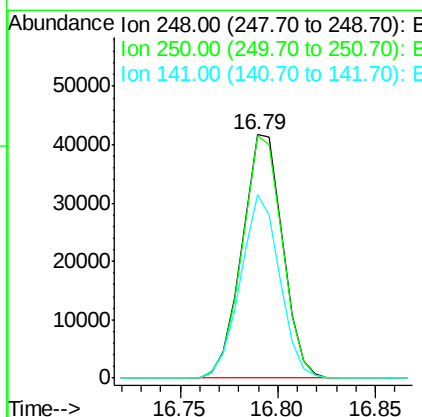
Manual Integrations
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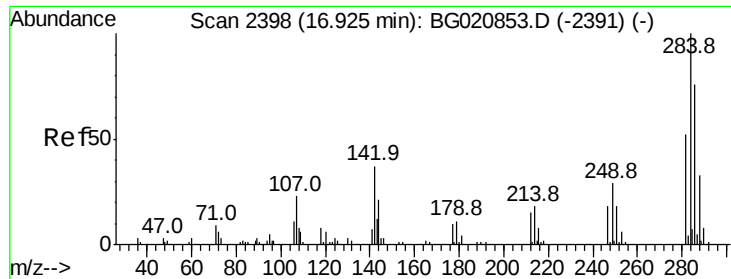
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#66
 4-Bromophenyl-phenylether
 Concen: 41.78 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	59973		
250	99.5	77.4	116.2	
141	75.2	55.7	83.5	





#67

Hexachlorobenzene

Concen: 43.54 ng

RT: 16.91 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

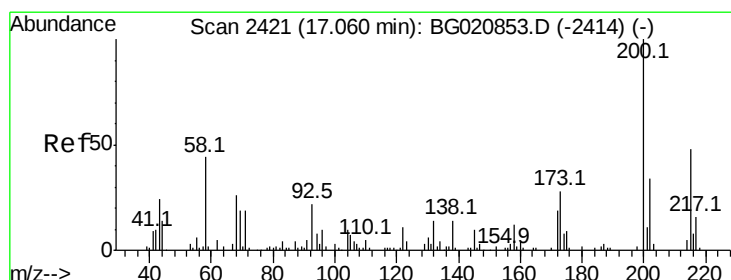
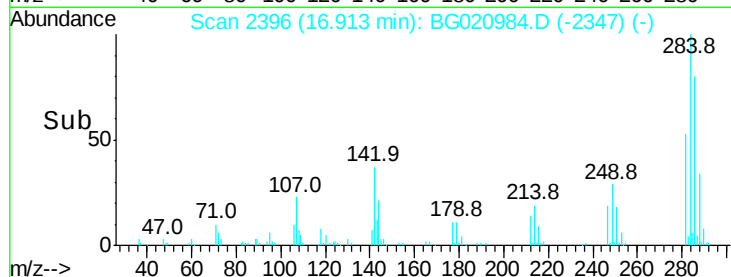
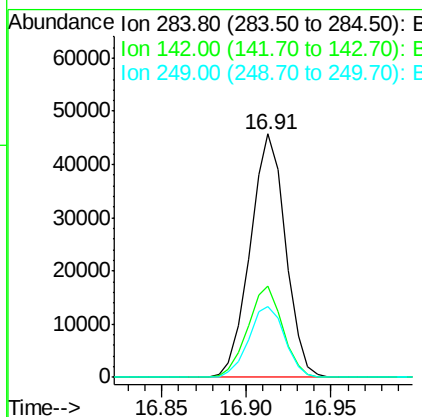
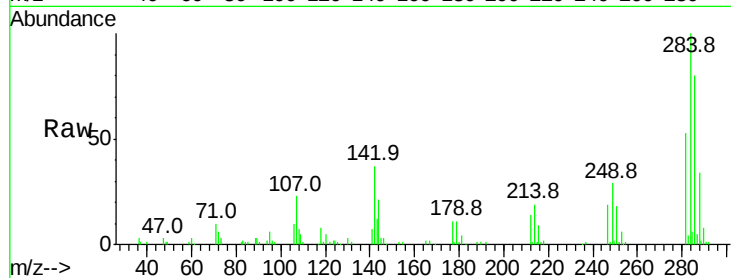
ClientSampleId :

PB88453BS

Tot Ion:	284	Resp:	66505
Ion Ratio	Lower	Upper	
284	100		
142	37.3	29.9	44.9
249	29.2	23.3	34.9

Manual Integrations
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#68

Atrazine

Concen: 45.18 ng

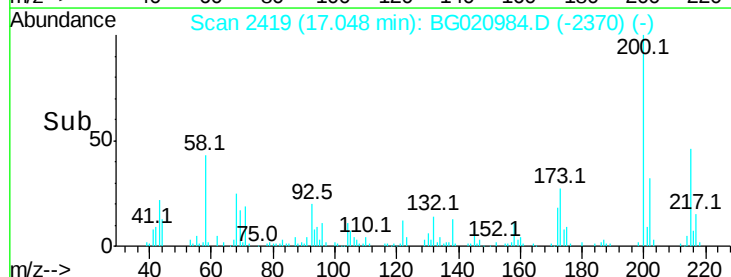
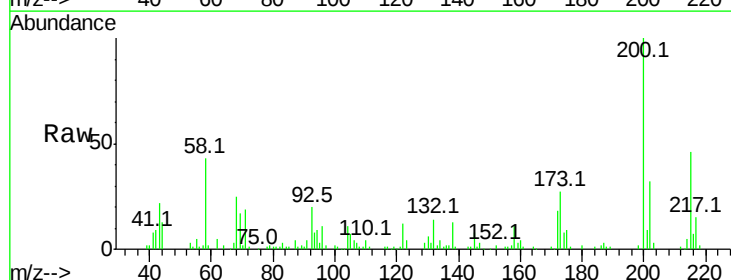
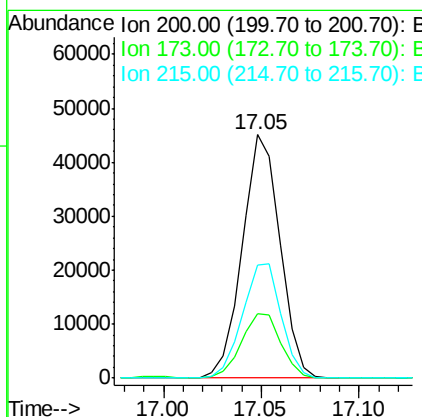
RT: 17.05 min Scan# 2419

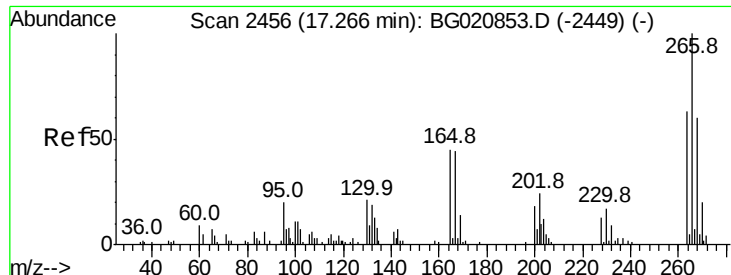
Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:	200	Resp:	60198
Ion Ratio	Lower	Upper	
200	100		
173	26.7	8.4	48.4
215	46.3	28.2	68.2





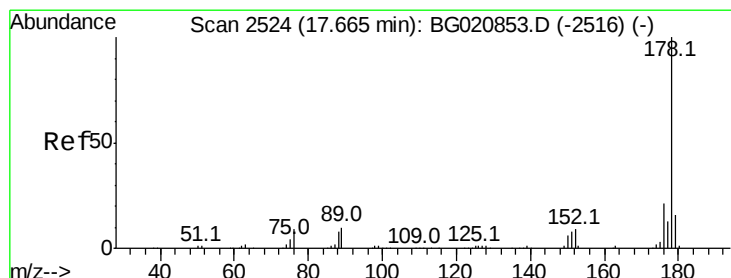
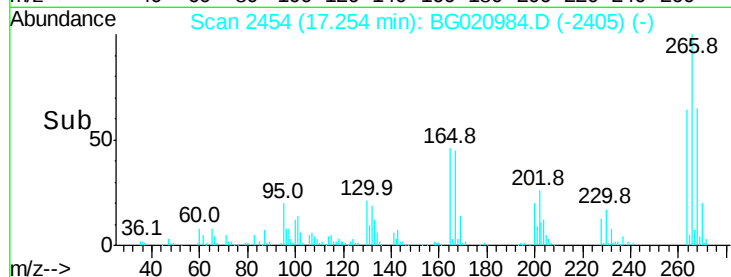
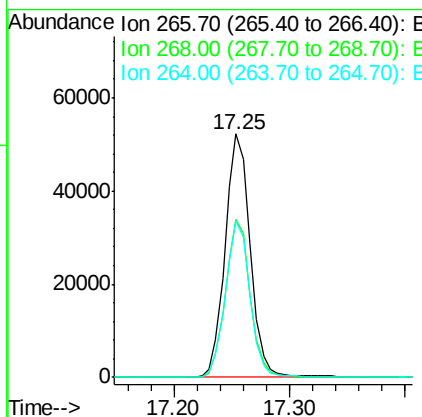
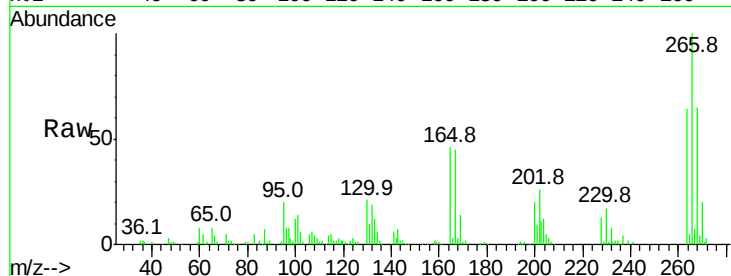
#69
 Pentachlorophenol
 Concen: 89.50 ng
 RT: 17.25 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion:	266	Resp:	78374
Ion Ratio		Lower	Upper
266	100		
268	64.8	47.8	71.6
264	64.3	50.2	75.4

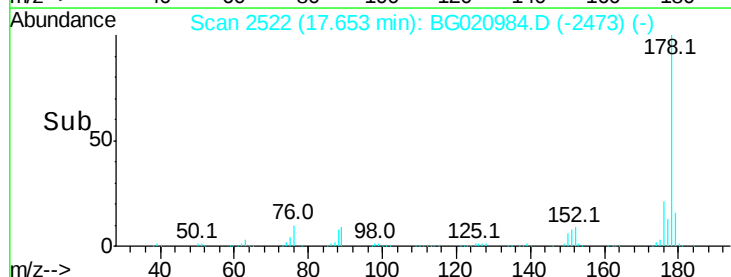
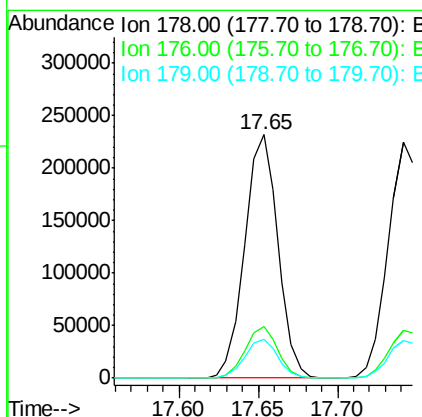
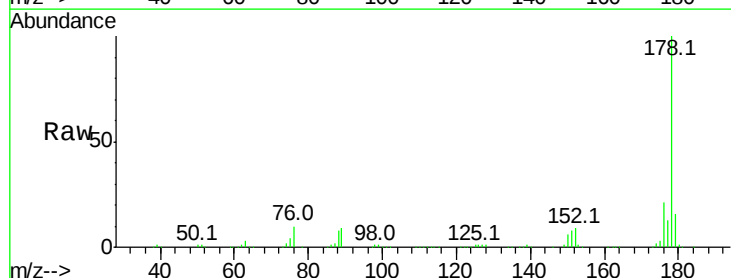
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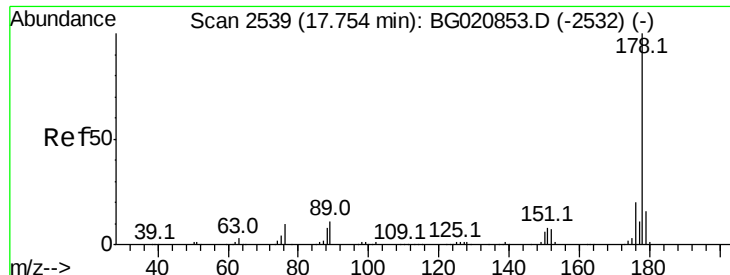
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#70
 Phenanthrene
 Concen: 43.51 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion:	178	Resp:	336658
Ion Ratio		Lower	Upper
178	100		
176	21.4	16.8	25.2
179	16.0	12.6	19.0





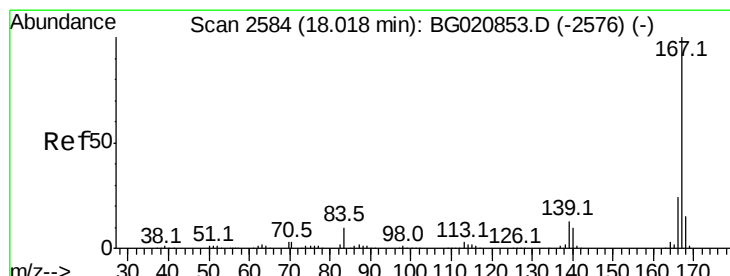
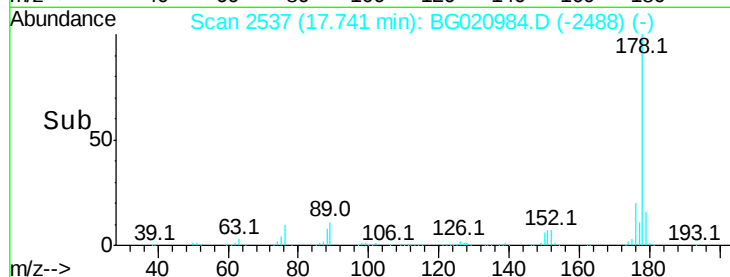
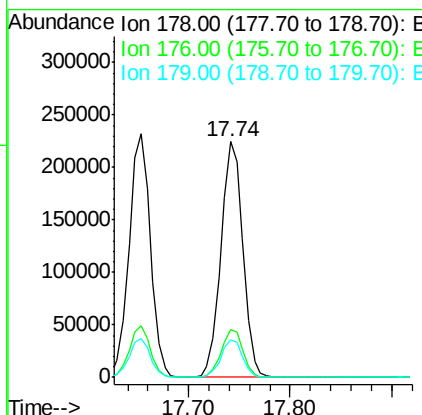
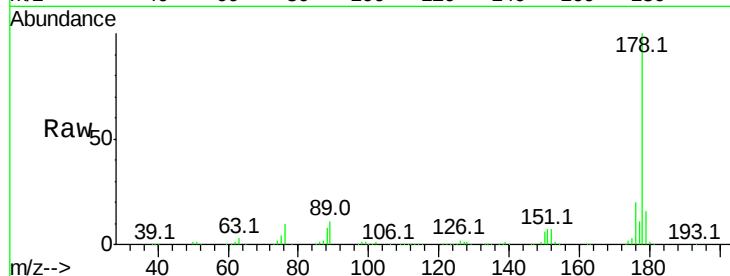
#71
 Anthracene
 Concen: 42.86 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.9	12.7	19.1

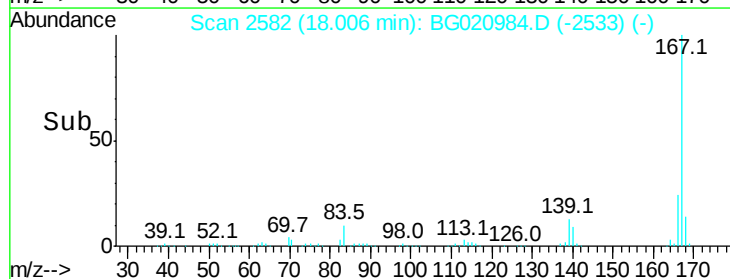
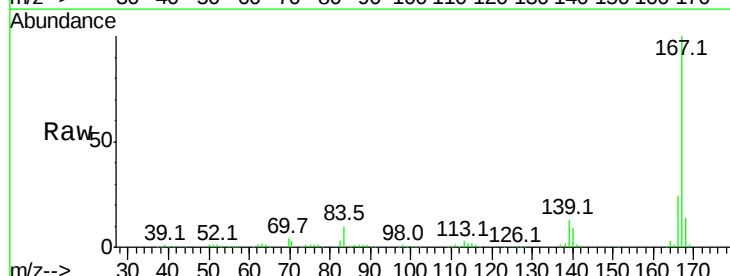
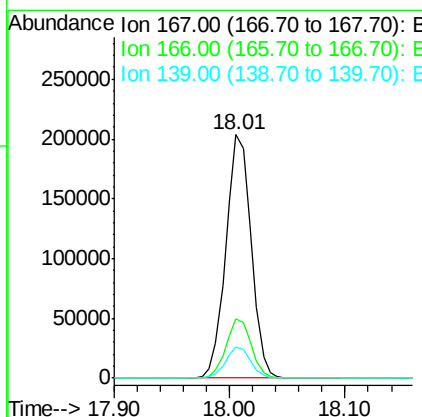
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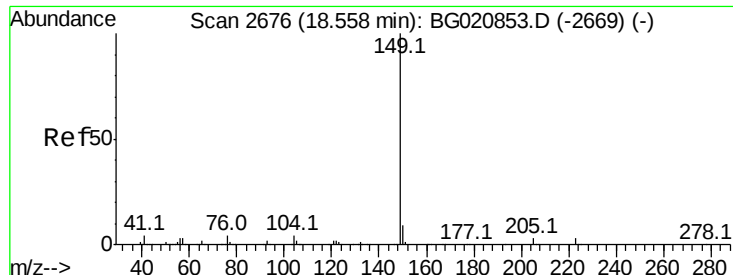
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#72
 Carbazole
 Concen: 43.76 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.3	28.9
139	12.9	10.2	15.4





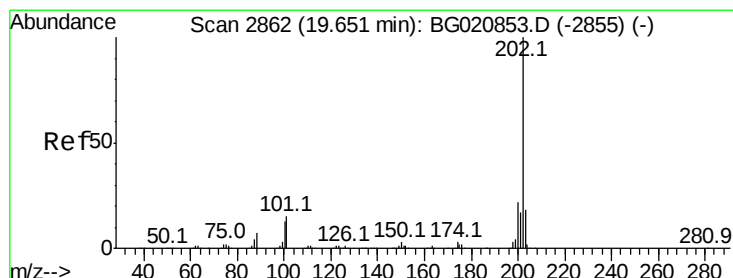
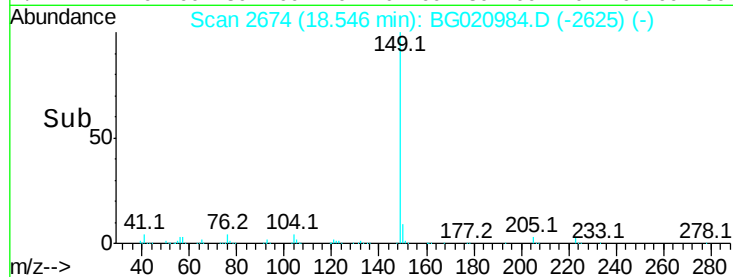
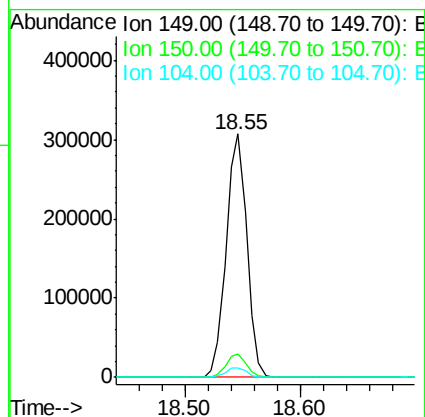
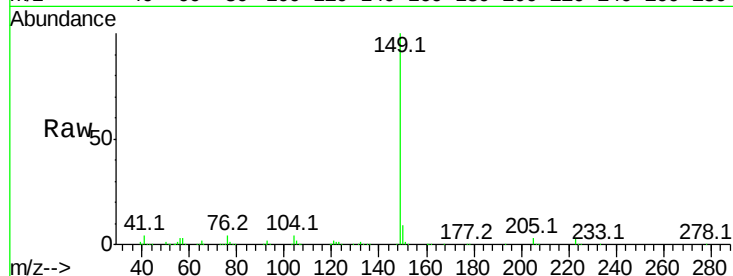
#73
Di-n-butylphthalate
Concen: 41.95 ng
RT: 18.55 min Scan# 2674
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.4	7.6	11.4
104	4.1	3.4	5.0

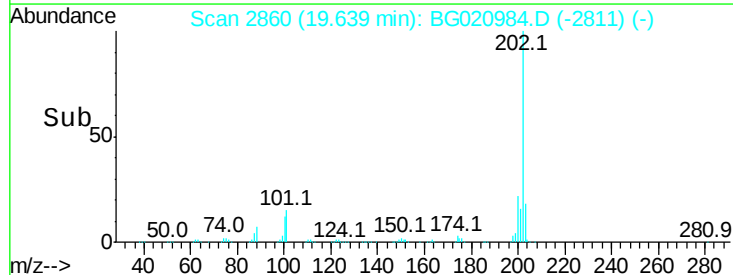
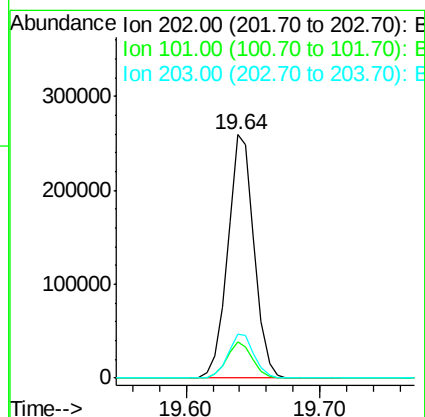
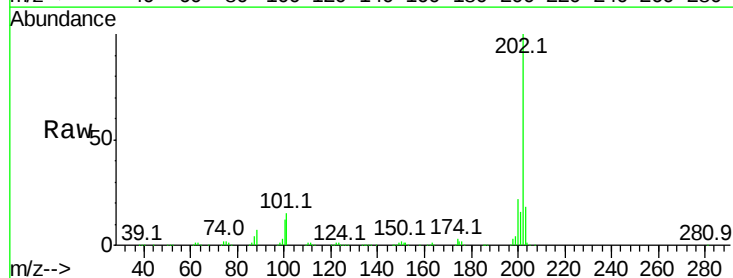
Manual Integrations
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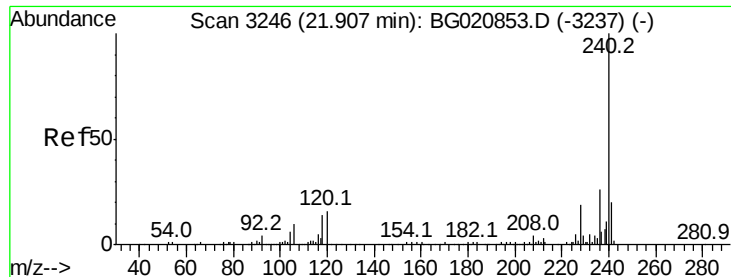
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#74
Fluoranthene
Concen: 42.67 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	0.0	35.3
203	18.3	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

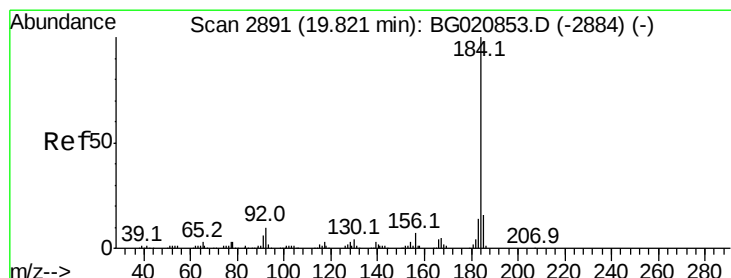
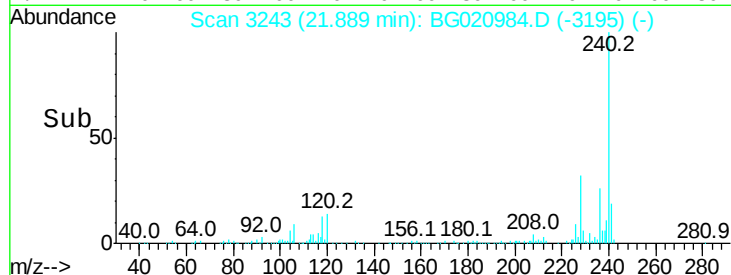
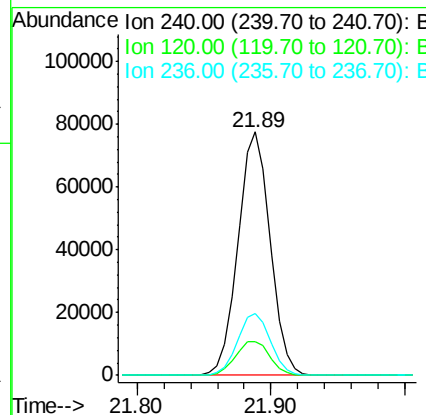
ClientSampleId :

PB88453BS

Tot Ion:	240	Resp:	129117
Ion Ratio	Lower	Upper	
240	100		
120	14.1	13.0	19.4
236	25.5	21.0	31.4

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#76

Benzidine

Concen: 28.06 ng

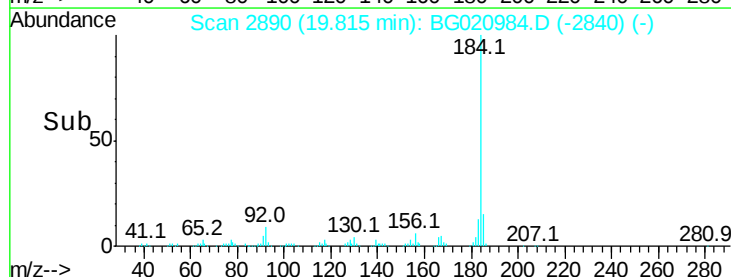
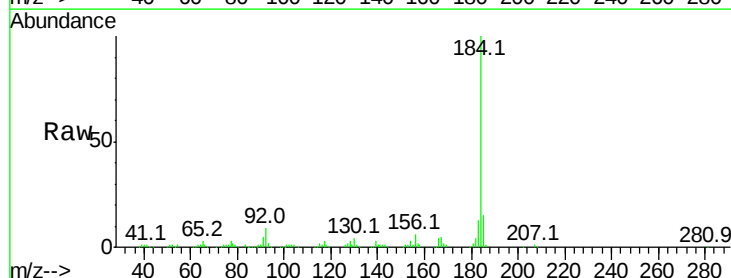
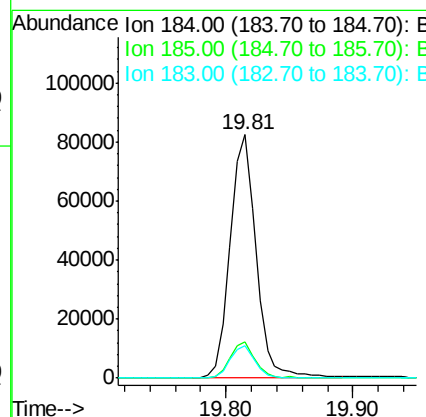
RT: 19.81 min Scan# 2890

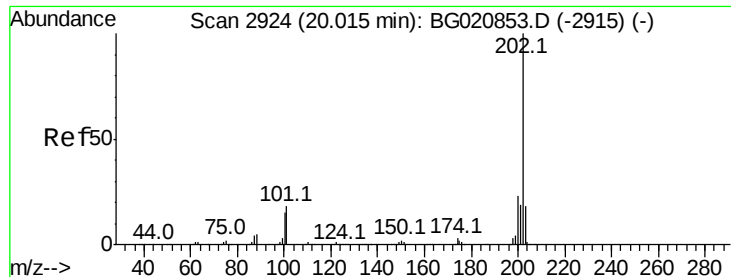
Delta R.T. -0.01 min

Lab File: BG020984.D

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Tgt Ion:	184	Resp:	117148
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	19.0
183	13.1	11.0	16.4





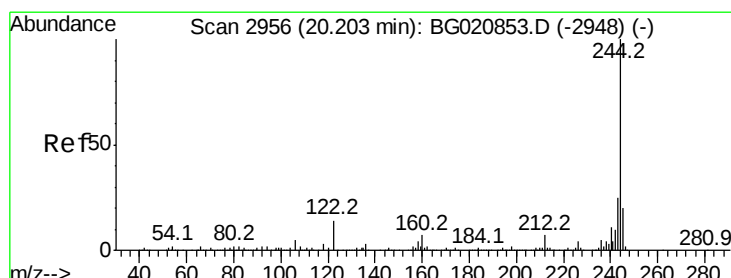
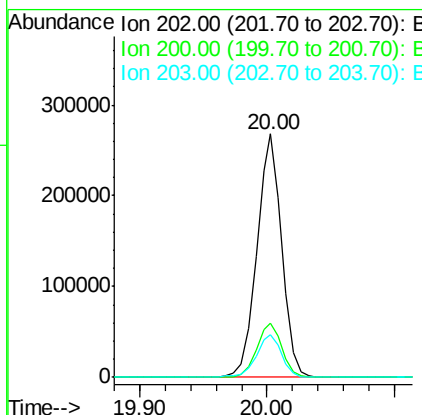
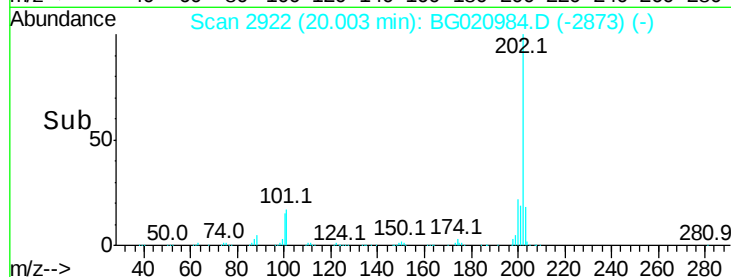
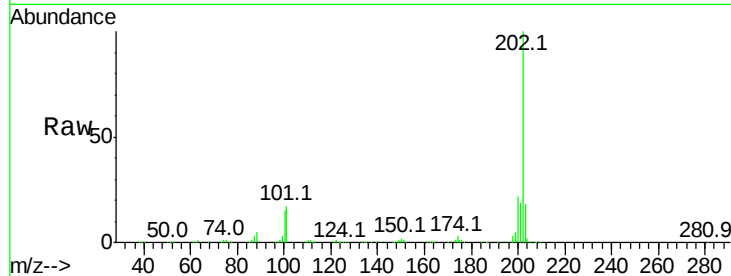
#77
Pvrene
Concen: 42.67 ng
RT: 20.00 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.3	18.5	27.7
203	17.7	14.3	21.5

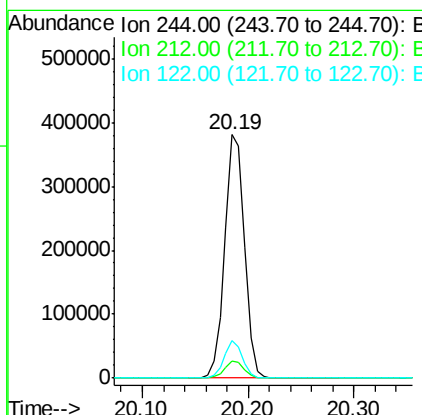
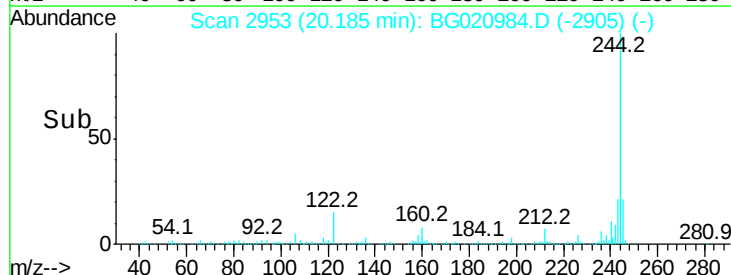
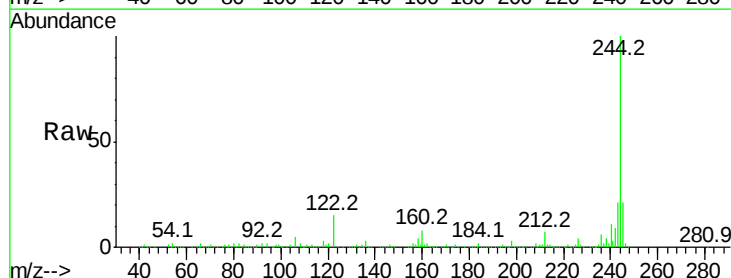
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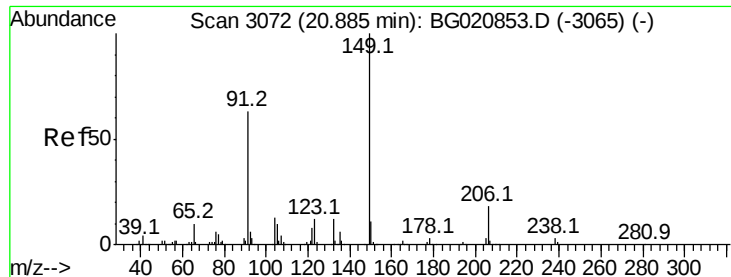
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#78
Terphenyl-d14
Concen: 88.59 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.5	8.3
122	15.3	11.4	17.2





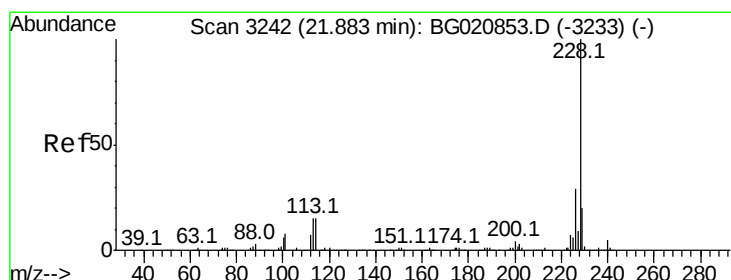
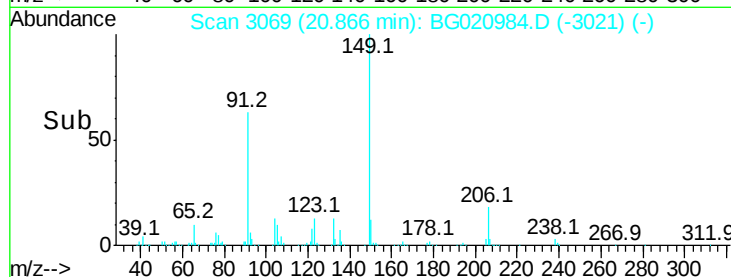
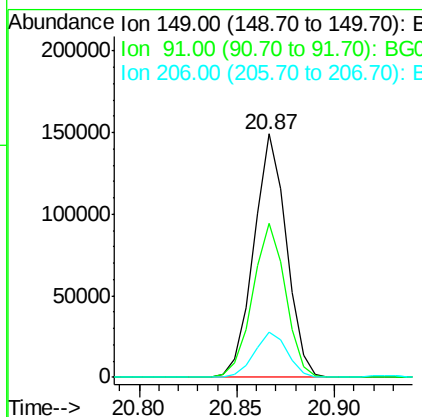
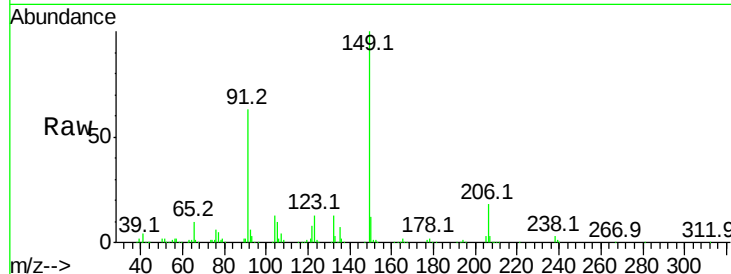
#79
Butylbenzylphthalate
Concen: 42.23 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	172177		
91	63.3	50.6	76.0	
206	18.4	14.6	22.0	

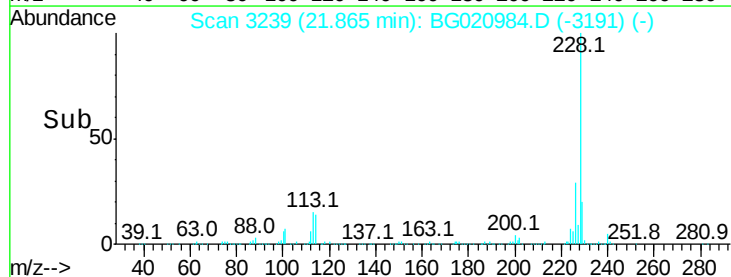
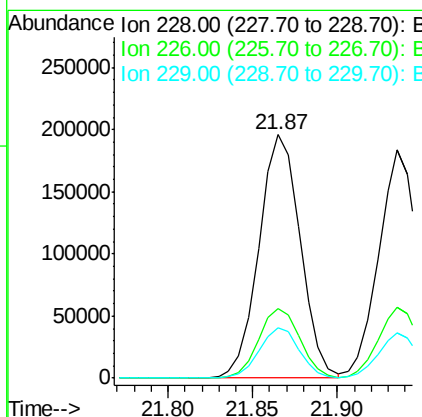
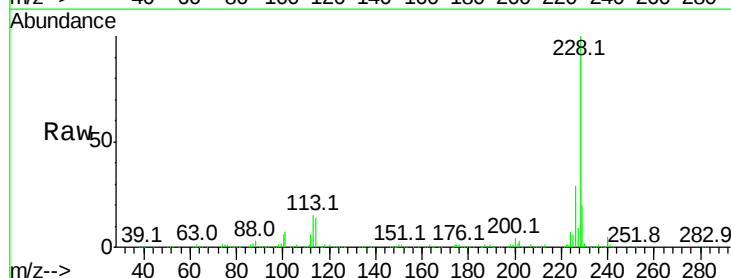
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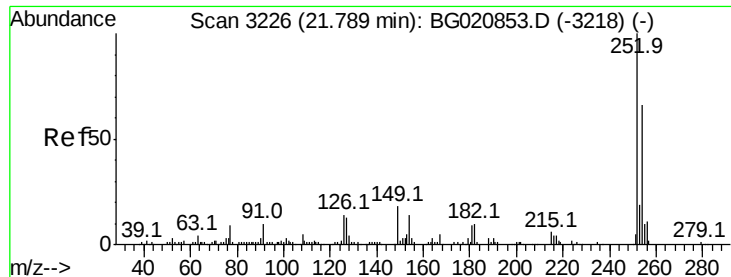
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#80
Benzo(a)anthracene
Concen: 42.91 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	330730		
226	28.8	23.1	34.7	
229	20.5	16.2	24.2	





#81

3,3'-Dichlorobenzidine

Concen: 18.18 ng

RT: 21.77 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

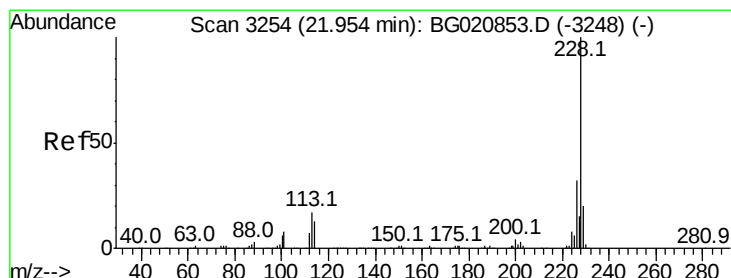
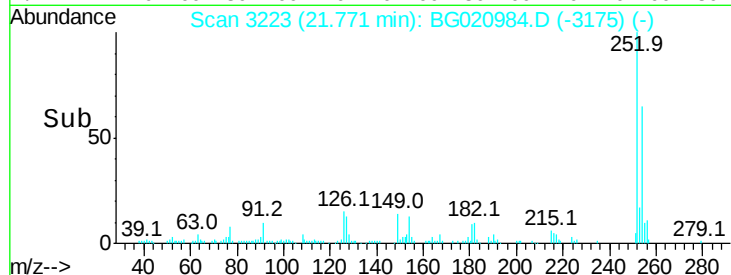
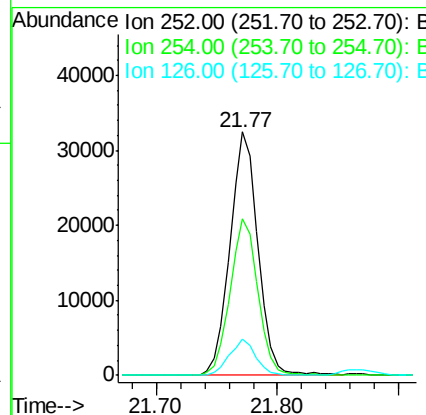
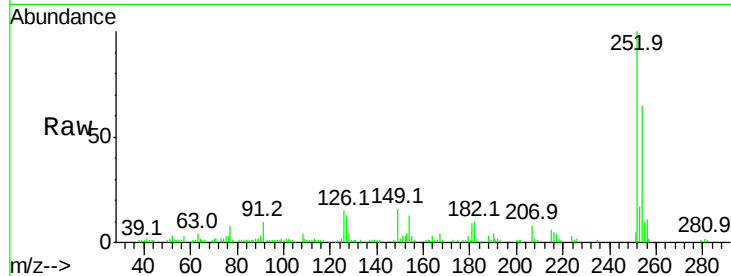
ClientSampleId :

PB88453BS

Tot Ion:	252	Resp:	52009
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.8	79.2
126	14.8	11.1	16.7

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#82

Chrysene

Concen: 40.86 ng

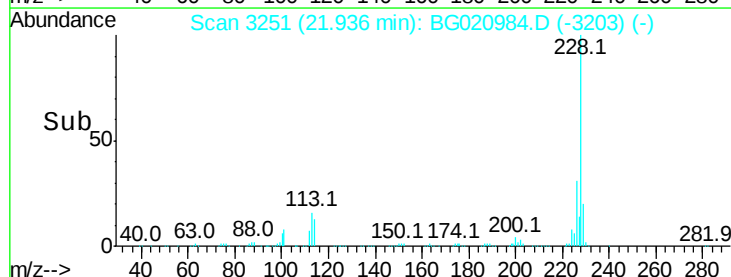
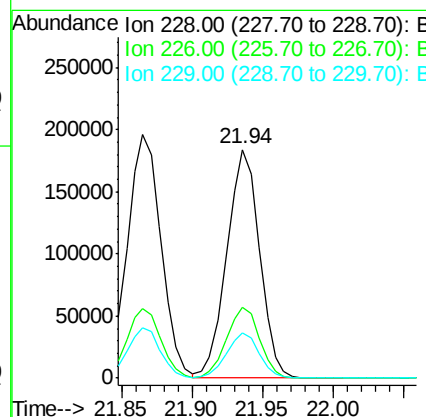
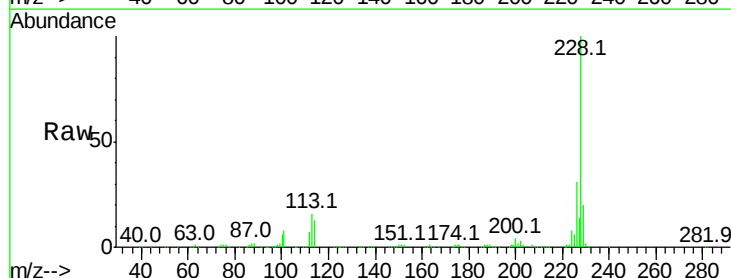
RT: 21.94 min Scan# 3251

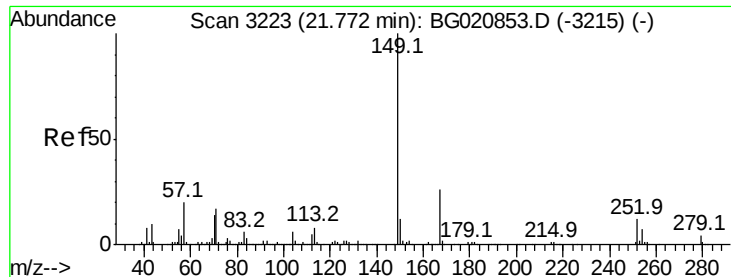
Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:	228	Resp:	296156
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.3	37.9
229	19.8	16.2	24.2





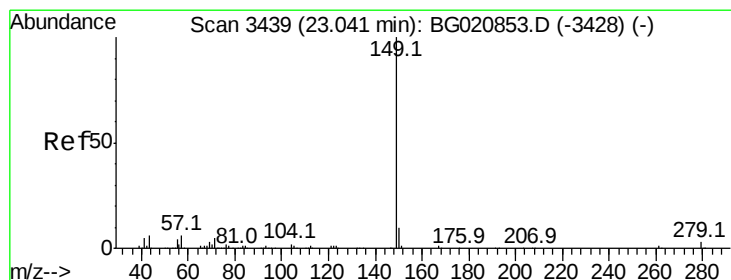
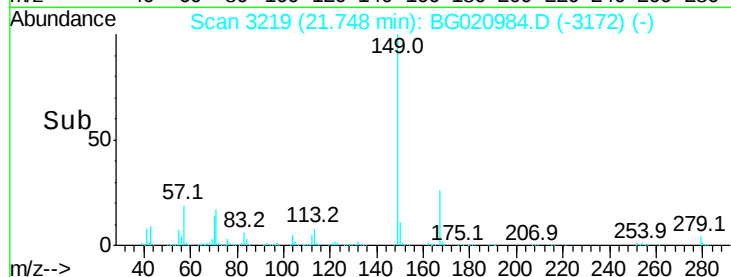
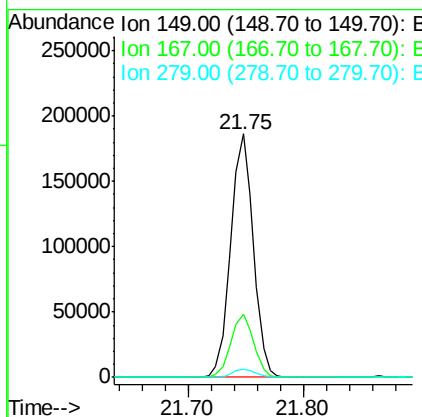
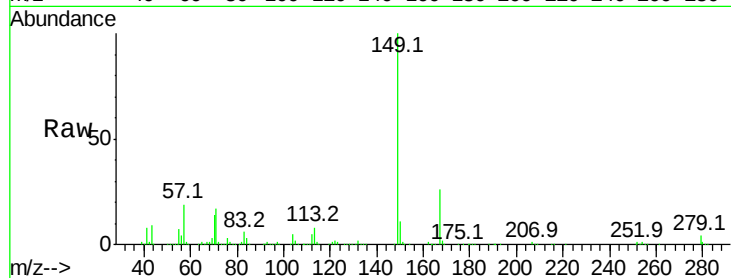
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.61 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.02 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.1	20.9	31.3
279	3.5	3.0	4.4

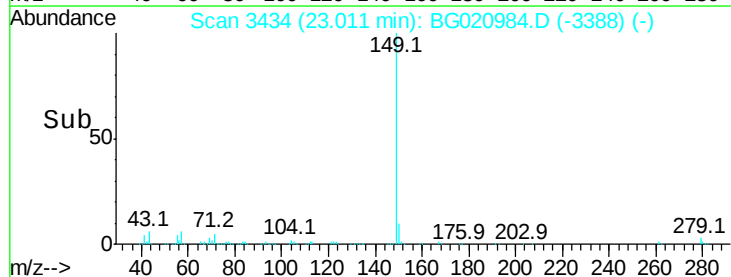
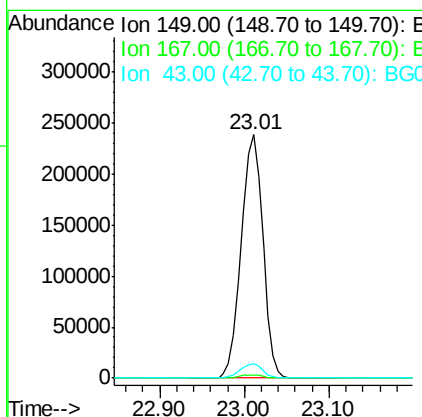
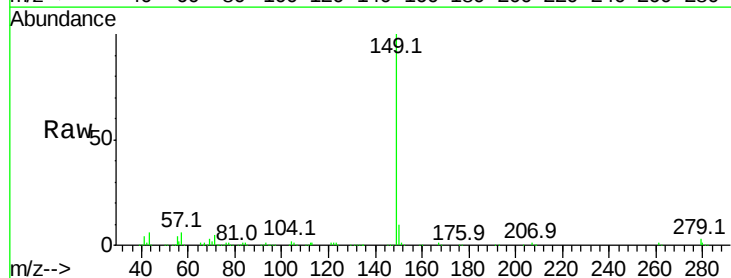
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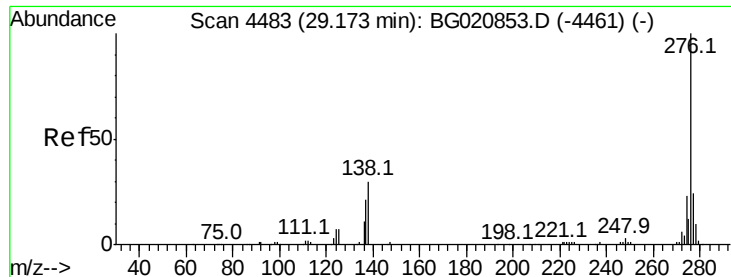
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#84
 Di-n-octyl phthalate
 Concen: 42.72 ng
 RT: 23.01 min Scan# 3434
 Delta R.T. -0.03 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	6.1	5.1	7.7





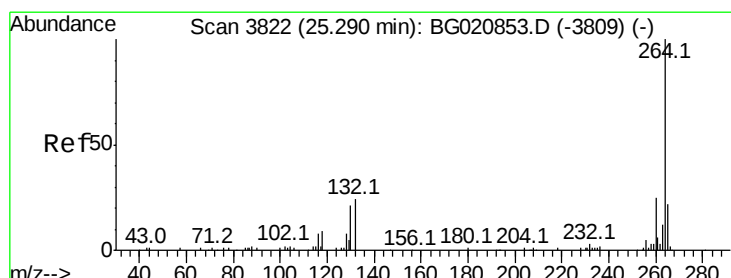
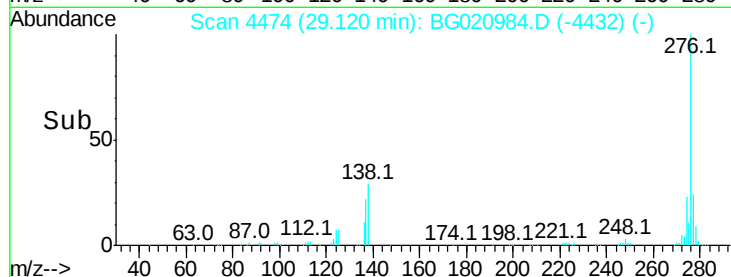
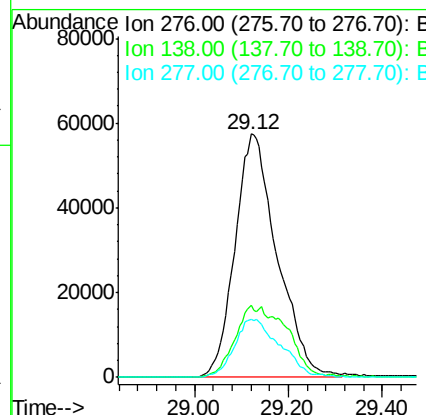
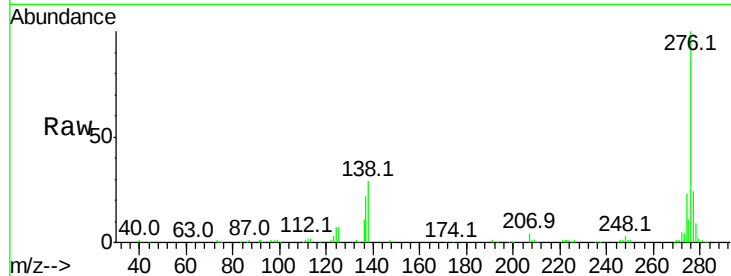
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.95 ng
RT: 29.12 min Scan# 4474
Delta R.T. -0.05 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	358067		
138	15.1	20.1	30.1	#
277	25.8	20.5	30.7	

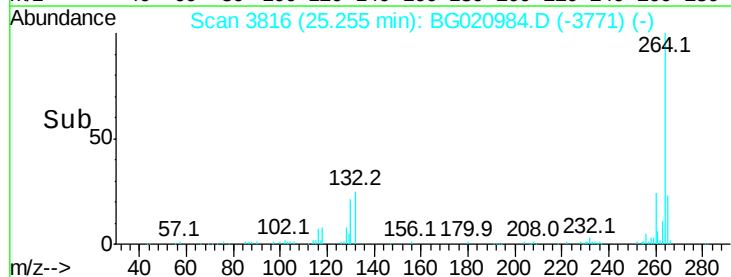
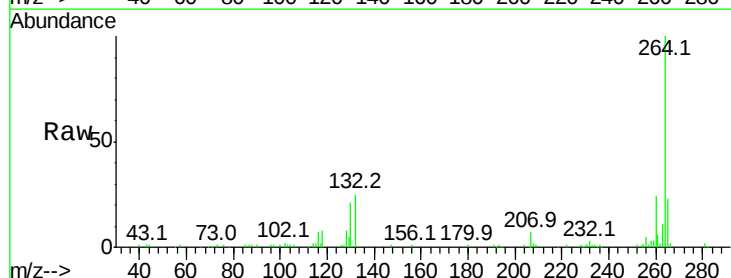
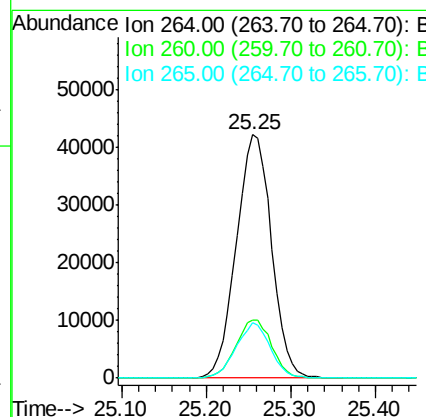
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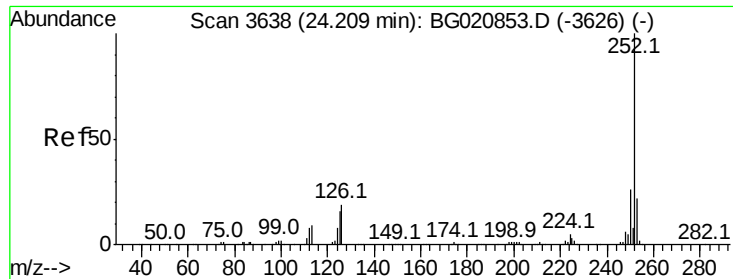
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3816
Delta R.T. -0.04 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	121581		
260	23.9	19.9	29.9	
265	22.8	18.0	27.0	





#87

Benzo(b)fluoranthene

Concen: 43.15 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

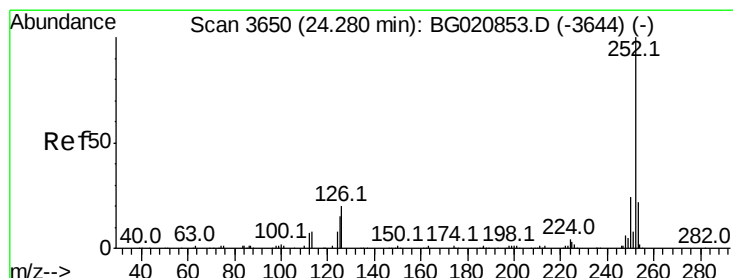
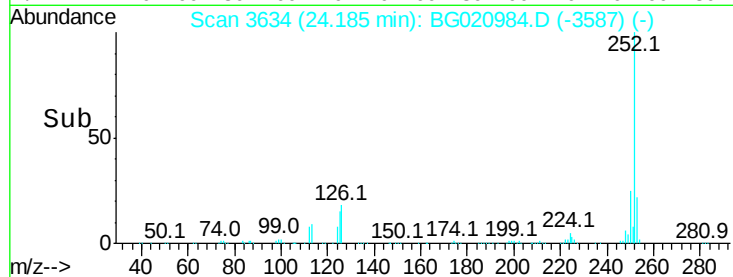
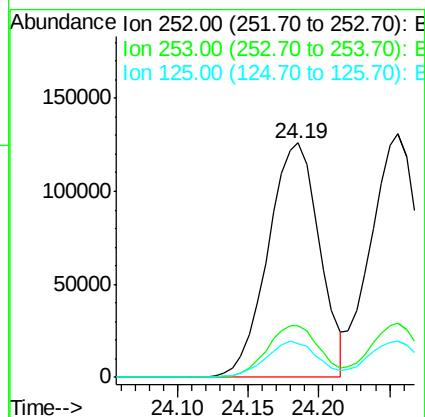
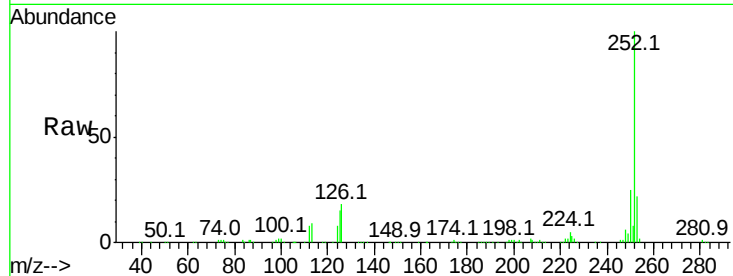
ClientSampleId :

PB88453BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	321040		
253	22.2	17.5	26.3	
125	14.6	12.5	18.7	

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#88

Benzo(k)fluoranthene

Concen: 43.04 ng

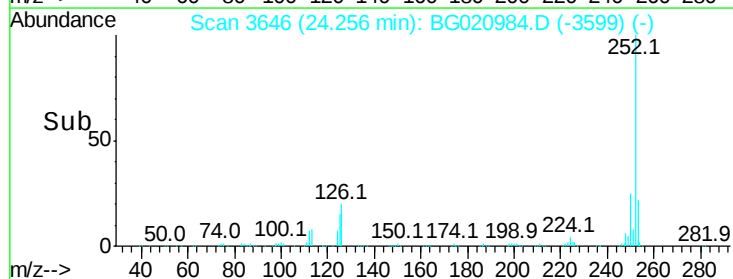
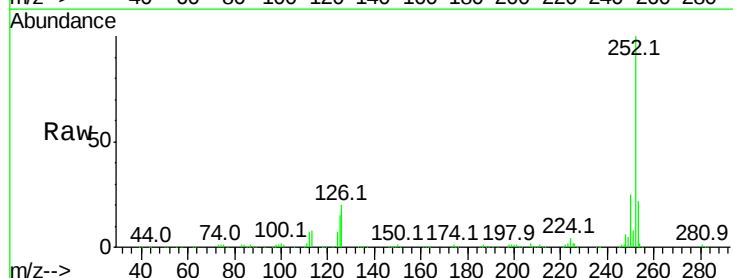
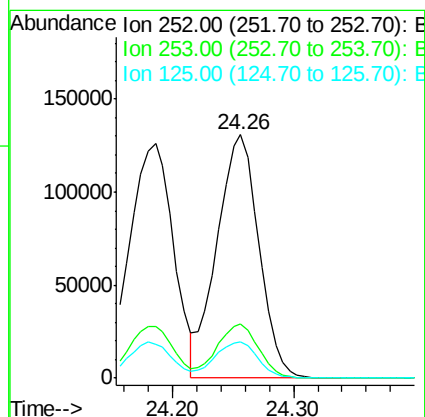
RT: 24.26 min Scan# 3646

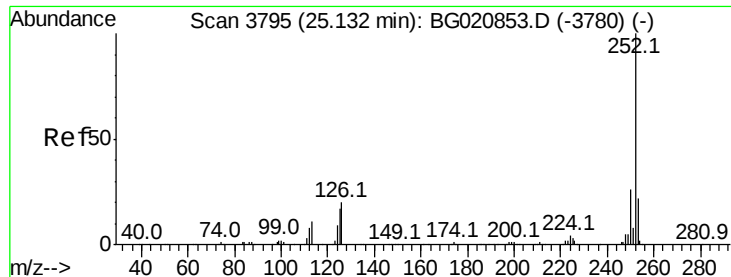
Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	313762		
253	22.4	17.7	26.5	
125	14.7	12.2	18.4	





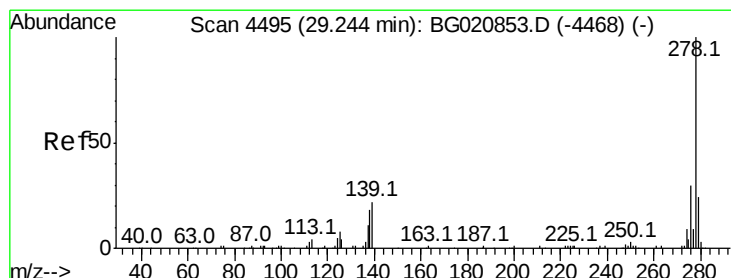
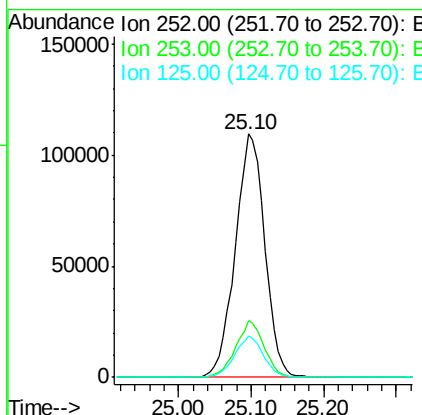
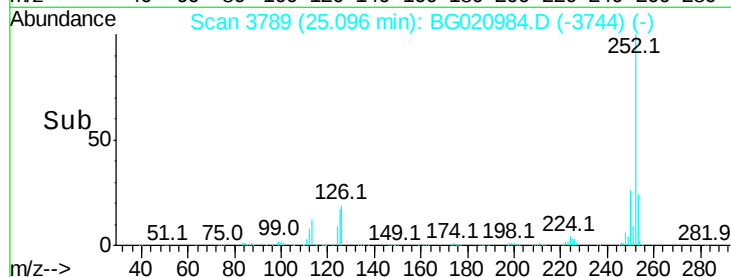
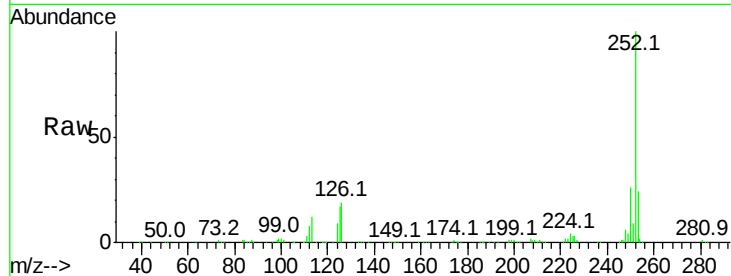
#89
Benzo(a)pyrene
Concen: 43.64 ng
RT: 25.10 min Scan# 3789
Delta R.T. -0.04 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	17.0	13.6	20.4

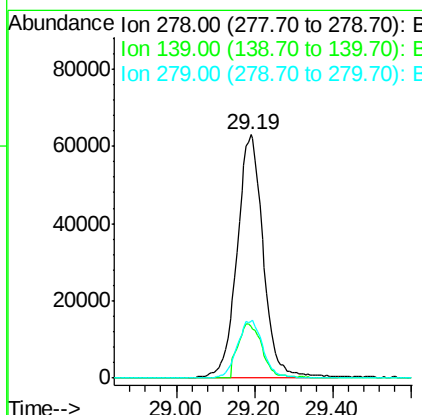
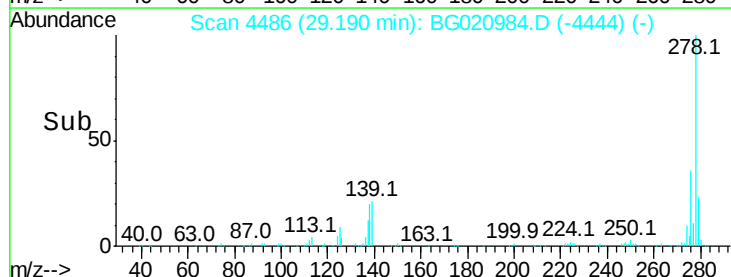
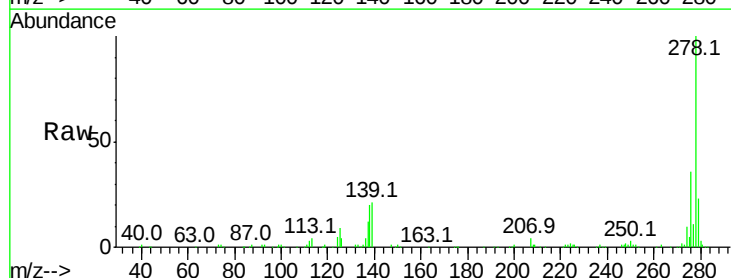
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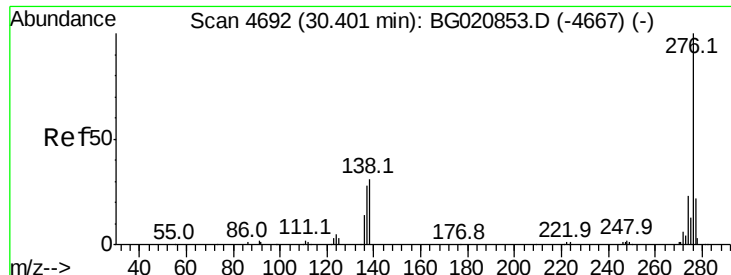
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#90
Dibenzo(a,h)anthracene
Concen: 42.81 ng
RT: 29.19 min Scan# 4486
Delta R.T. -0.05 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.3	25.9
279	23.5	19.1	28.7





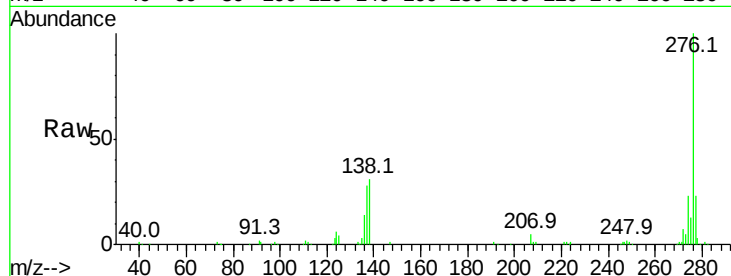
#91
 Benzo(a,h,i)perylene
 Concen: 42.80 ng
 RT: 30.34 min Scan# 4681
 Delta R.T. -0.07 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion:	276	Resp:	292906
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.6	26.4
138	30.6	25.2	37.8

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

