

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020996.D
 Acq On : 20 Feb 2016 6:44
 Operator : SJ/UM
 Sample : H1520-05MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Manual Integrations
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 2/22/2016 10:55:46 AM

Quant Time: Feb 21 23:27:59 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	20542	20.00	ng	-0.01
21) Naphthalene-d8	11.09	136	103674	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	66925	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	144938	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	135648	20.00	ng	-0.02
86) Perylene-d12	25.26	264	127461	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	177968	145.90	ng	0.00
7) Phenol-d6	7.41	99	250650	140.59	ng	0.00
23) Nitrobenzene-d5	9.43	82	133822	84.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	96273	146.28	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	323793	67.96	ng	-0.01
78) Terphenyl-d14	20.19	244	457186	78.63	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	16566	37.35	ng	98
3) Pyridine	4.04	79	10127	7.72	ng	96
4) n-Nitrosodimethylamine	3.95	42	14431	42.05	ng	96
6) Aniline	7.57	93	38425	17.28	ng	99
8) 2-Chlorophenol	7.82	128	71836	47.14	ng	98
9) Benzaldehyde	7.39	77	11901	13.33	ng	97
10) Phenol	7.43	94	91031	48.25	ng	99
11) bis(2-Chloroethyl)ether	7.67	93	63773	42.32	ng	96
12) 1,3-Dichlorobenzene	8.15	146	65693	40.78	ng	98
13) 1,4-Dichlorobenzene	8.30	146	68059	41.66	ng	97
14) 1,2-Dichlorobenzene	8.62	146	65911	41.48	ng	98
15) Benzyl Alcohol	8.50	79	53708	47.79	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.79	45	61059	38.84	ng	99
17) 2-Methylphenol	8.70	107	63997	47.08	ng	98
18) Hexachloroethane	9.35	117	23058	41.05	ng	98
19) n-Nitroso-di-n-propylamine	9.06	70	48415	42.09	ng	# 98
20) 3+4-Methylphenols	9.03	107	89944	47.49	ng	99
22) Acetophenone	9.08	105	100345	40.15	ng	# 98
24) Nitrobenzene	9.47	77	67900	41.31	ng	100
25) Isophorone	10.00	82	139967	42.11	ng	98
26) 2-Nitrophenol	10.19	139	40138	46.40	ng	97
27) 2,4-Dimethylphenol	10.24	122	74866	45.17	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	93414	45.61	ng	99
29) 2,4-Dichlorophenol	10.72	162	75417	50.77	ng	99
30) 1,2,4-Trichlorobenzene	10.94	180	63684	42.56	ng	97
31) Naphthalene	11.13	128	230333	42.95	ng	99
32) Benzoic acid	10.36	122	45930	34.55	ng	98
33) 4-Chloroaniline	11.24	127	22924	9.94	ng	99
34) Hexachlorobutadiene	11.41	225	31634	41.48	ng	99
35) Caprolactam	12.01	113	28584m	50.22	ng	
36) 4-Chloro-3-methylphenol	12.34	107	86211	50.65	ng	99
37) 2-Methylnaphthalene	12.72	142	177175	47.08	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	75211	38.31	ng	99
40) Hexachlorocyclopentadiene	13.06	237	69093	80.00	ng	100

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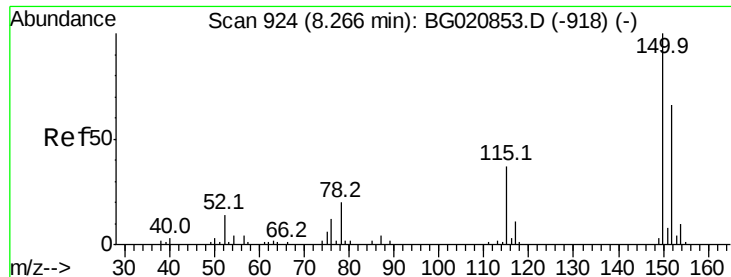
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Quant Time: Feb 21 23:27:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	62407	47.32	nq	99
43) 2,4,5-Trichlorophenol	13.39	196	67183	48.45	nq	98
45) 1,1'-Biphenyl	13.71	154	230430	39.03	nq	98
46) 2-Chloronaphthalene	13.76	162	174704	41.33	nq	99
47) 2-Nitroaniline	13.96	65	47810	47.23	nq	97
48) Acenaphthylene	14.60	152	311191	42.34	nq	99
49) Dimethylphthalate	14.32	163	310090	59.25	nq	100
50) 2,6-Dinitrotoluene	14.44	165	53423	47.64	nq	98
51) Acenaphthene	14.94	154	190250	42.69	nq	99
52) 3-Nitroaniline	14.78	138	43155	33.12	nq	100
53) 2,4-Dinitrophenol	14.98	184	47092	97.03	nq	91
54) Dibenzofuran	15.27	168	285159	48.37	nq	99
55) 4-Nitrophenol	15.08	139	100118	101.73	nq	97
56) 2,4-Dinitrotoluene	15.22	165	74203	51.19	nq	98
57) Fluorene	15.92	166	245940	45.31	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	58255	55.13	nq	99
59) Diethylphthalate	15.67	149	246142	45.75	nq	98
60) 4-Chlorophenyl-phenylether	15.90	204	106506	44.18	nq	97
61) 4-Nitroaniline	15.93	138	61789	47.24	nq	97
62) Azobenzene	16.19	77	200697	47.45	nq	97
64) 4,6-Dinitro-2-methylphenol	15.99	198	32877	45.02	nq	96
65) n-Nitrosodiphenylamine	16.12	169	200698	42.86	nq	99
66) 4-Bromophenyl-phenylether	16.79	248	65455	42.76	nq	98
67) Hexachlorobenzene	16.92	284	73089	44.87	nq	98
68) Atrazine	17.05	200	65477	46.08	nq	97
69) Pentachlorophenol	17.26	266	84585	90.58	nq	98
70) Phenanthrene	17.66	178	365198	44.26	nq	99
71) Anthracene	17.74	178	361299	43.14	nq	100
72) Carbazole	18.01	167	340038	45.24	nq	99
73) Di-n-butylphthalate	18.54	149	408763	42.41	nq	100
74) Fluoranthene	19.64	202	390552	43.81	nq	99
76) Benzidine	19.82	184	13977	3.19	nq	95
77) Pyrene	20.01	202	402112	44.94	nq	99
79) Butylbenzylphthalate	20.87	149	186979	43.65	nq	100
80) Benzo(a)anthracene	21.87	228	358239	44.24	nq	98
81) 3,3'-Dichlorobenzidine	21.77	252	58187	19.36	nq	95
82) Chrysene	21.94	228	318623	41.84	nq	100
83) Bis(2-ethylhexyl)phthalate	21.75	149	277875	43.75	nq	99
84) Di-n-octyl phthalate	23.01	149	468435	44.93	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	379973	43.38	nq	97
87) Benzo(b)fluoranthene	24.18	252	347385	44.53	nq	99
88) Benzo(k)fluoranthene	24.26	252	332935	43.56	nq	99
89) Benzo(a)pyrene	25.10	252	328448	44.19	nq	99
90) Dibenzo(a,h)anthracene	29.19	278	313011	43.31	nq	99
91) Benzo(g,h,i)perylene	30.34	276	302336	42.14	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

Tot Ion:152 Resp: 20542

Ion Ratio Lower Upper

152 100

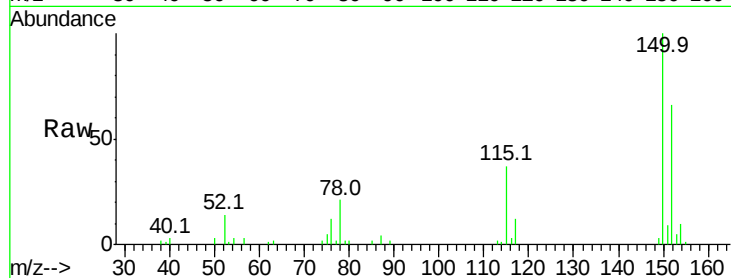
150 151.7 122.0 183.0

115 55.9 45.2 67.8

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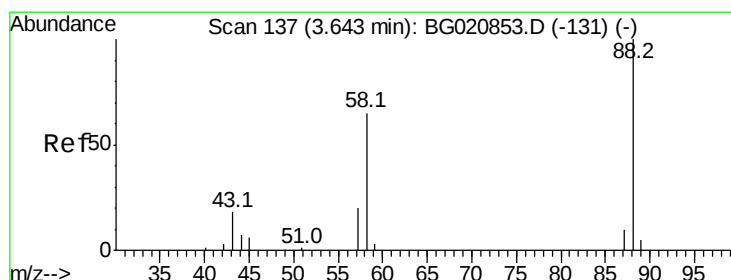
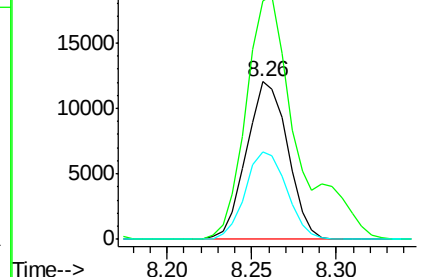
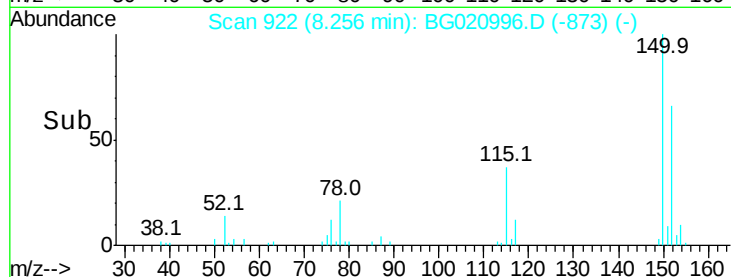
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.35 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

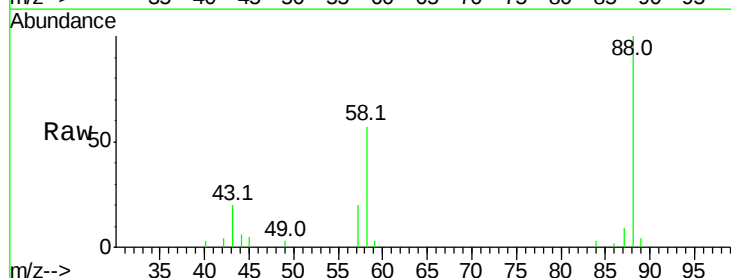
Tgt Ion: 88 Resp: 16566

Ion Ratio Lower Upper

88 100

58 64.5 50.3 75.5

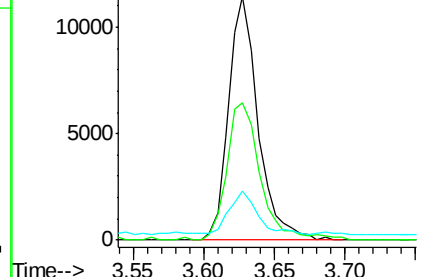
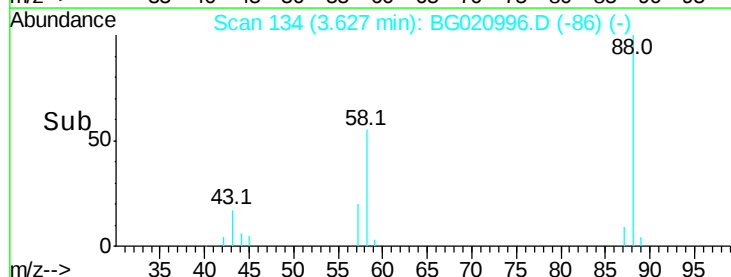
43 17.2 14.5 21.7

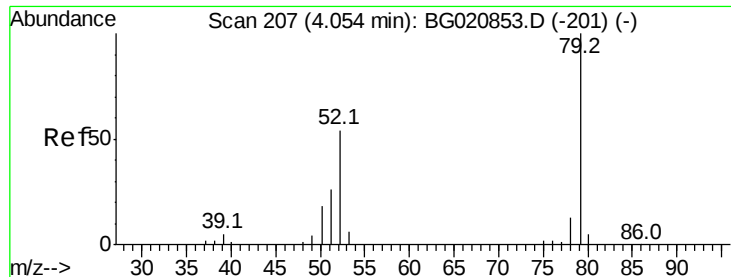


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 7.72 ng

RT: 4.04 min Scan# 205

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

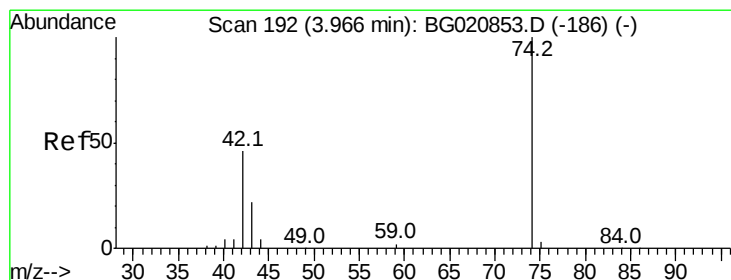
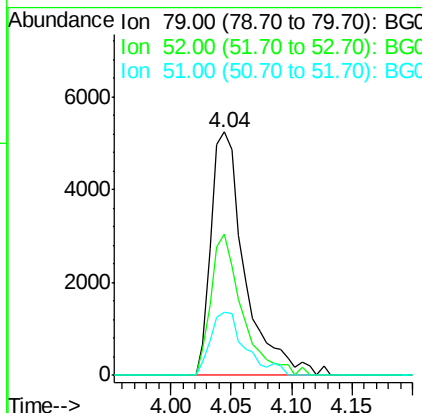
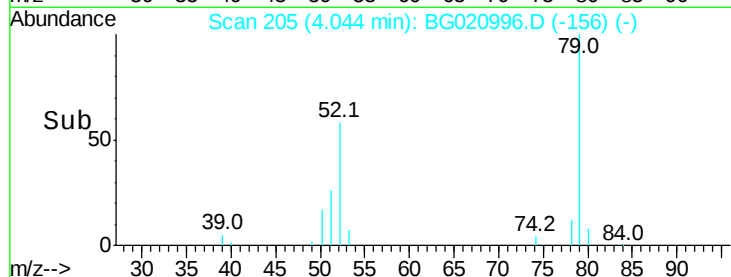
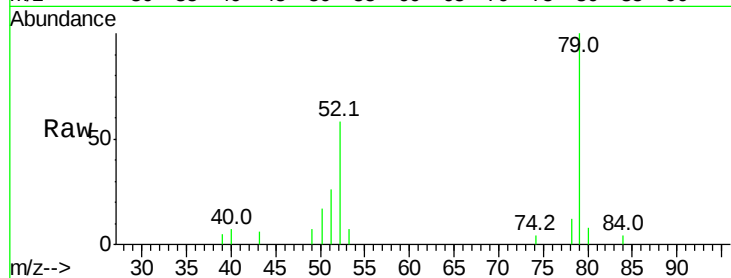
ClientSampleId :

40054(0-2)MSD

Tot Ion:	79	Resp:	10127
Ion Ratio	Lower	Upper	
79	100		
52	58.0	43.1	64.7
51	26.1	20.7	31.1

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#4

n-Nitrosodimethylamine

Concen: 42.05 ng

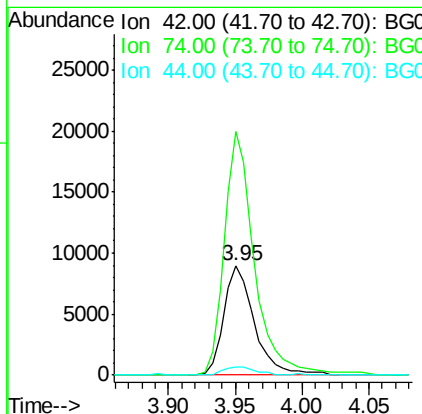
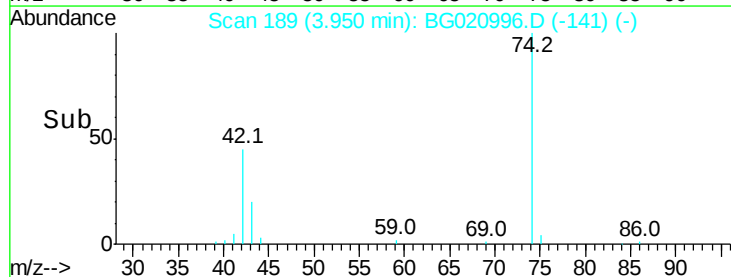
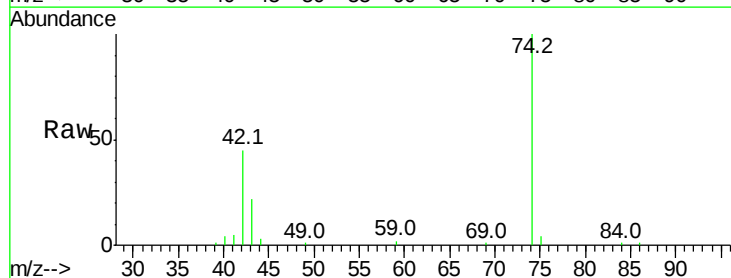
RT: 3.95 min Scan# 189

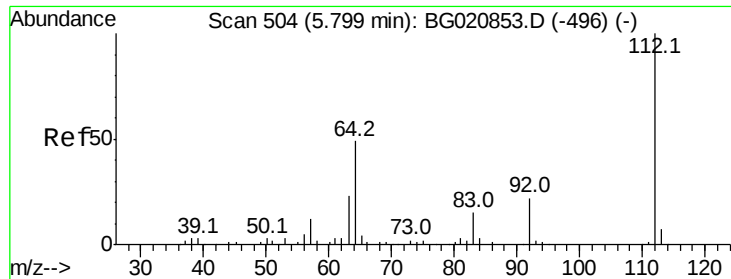
Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	42	Resp:	14431
Ion Ratio	Lower	Upper	
42	100		
74	222.9	173.8	260.6
44	7.0	6.3	9.5





#5

2-Fluorophenol

Concen: 145.90 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

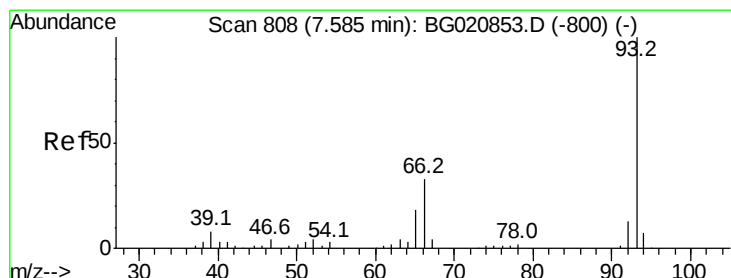
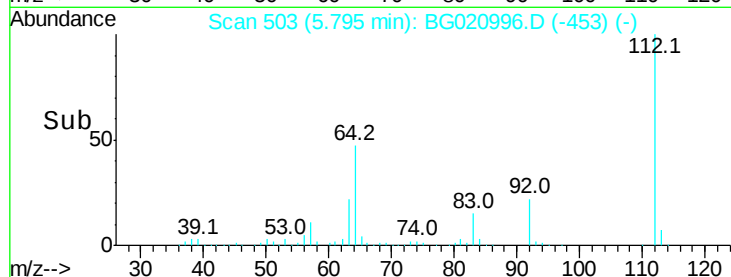
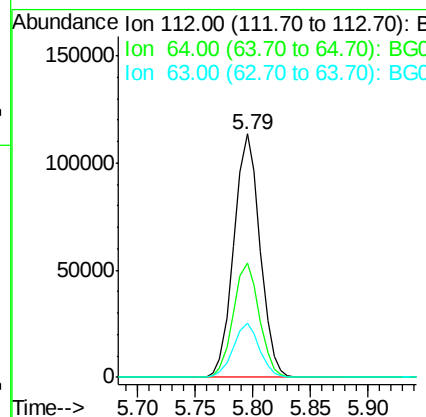
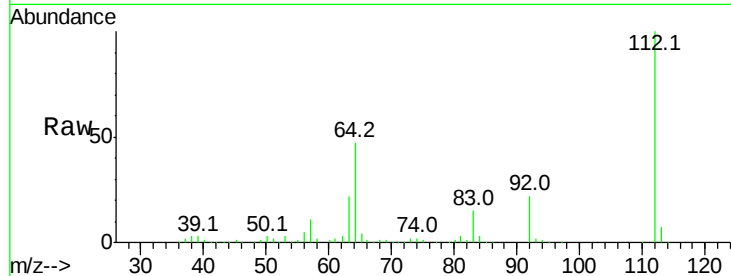
ClientSampleId :

40054(0-2)MSD

Tot Ion:	112	Resp:	177968
Ion Ratio	Lower	Upper	
112	100		
64	46.8	39.3	58.9
63	22.4	18.2	27.4

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#6

Aniline

Concen: 17.28 ng

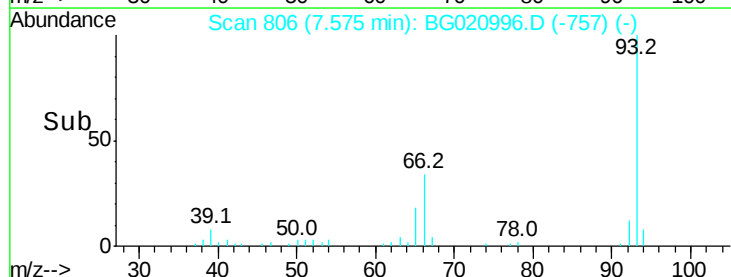
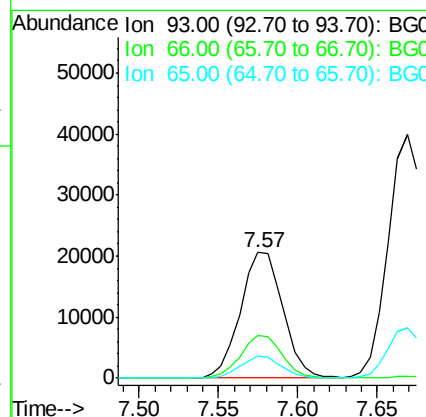
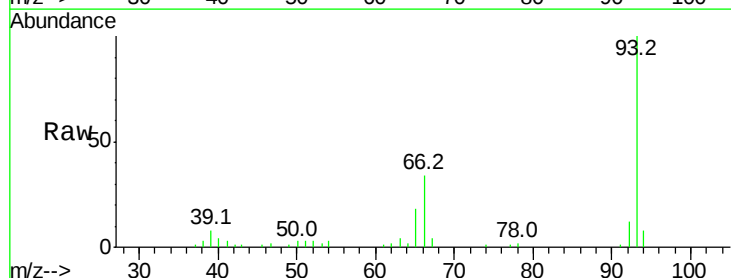
RT: 7.57 min Scan# 806

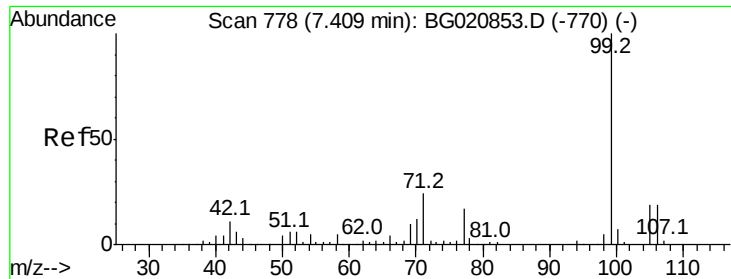
Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	93	Resp:	38425
Ion Ratio	Lower	Upper	
93	100		
66	33.8	26.6	40.0
65	17.9	14.0	21.0





#7

Phenol-d6

Concen: 140.59 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

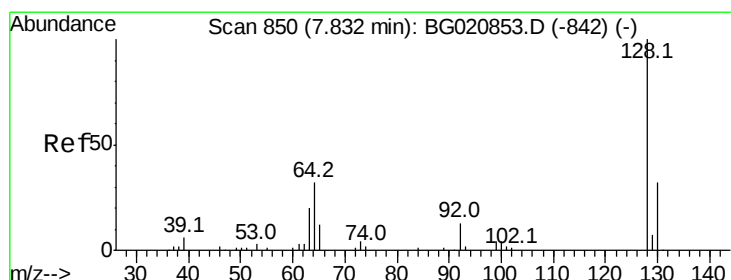
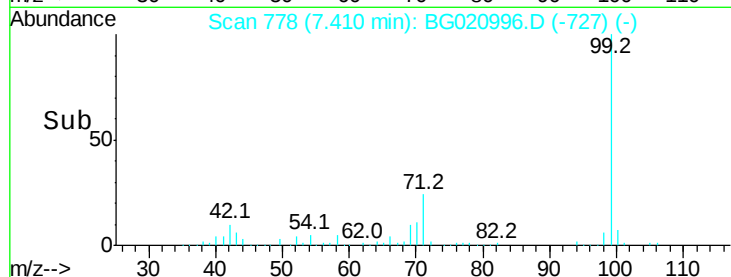
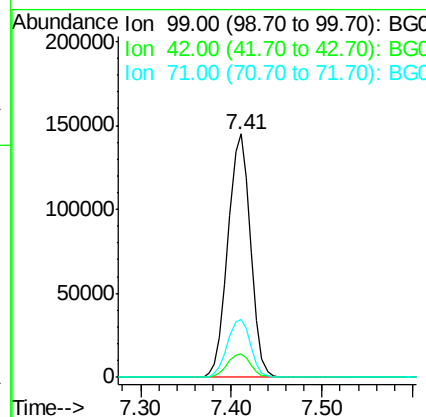
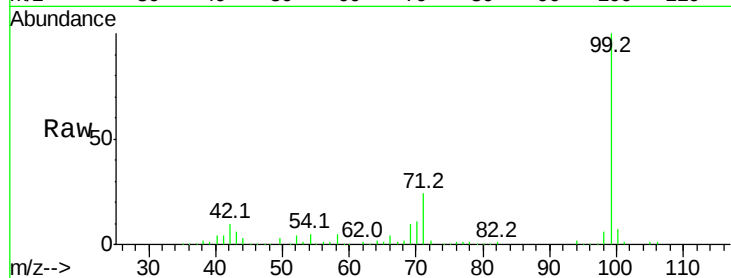
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		250650		
42	9.8	8.4	12.6		
71	23.8	19.4	29.0		

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#8

2-Chlorophenol

Concen: 47.14 ng

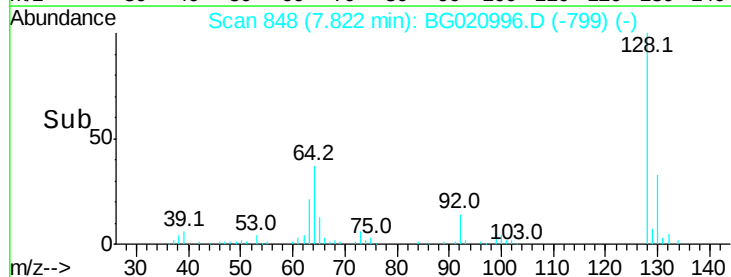
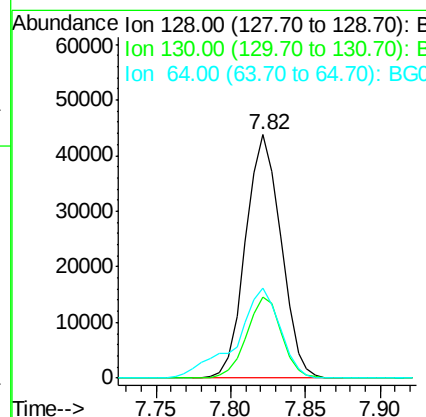
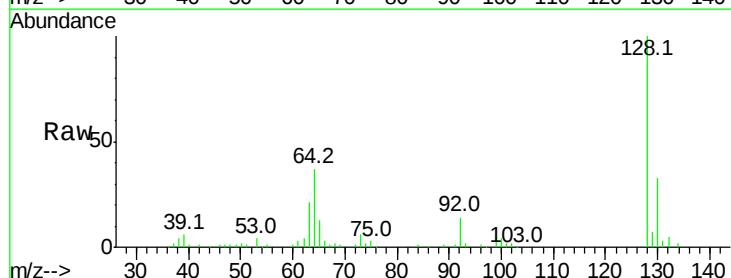
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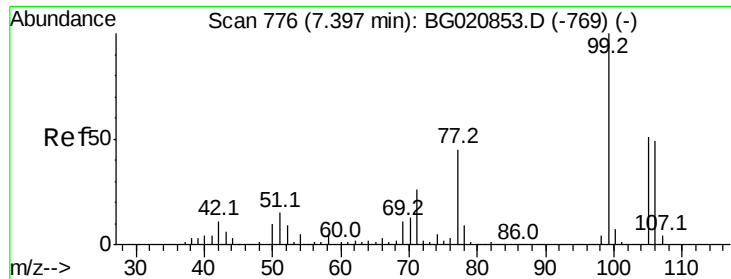
Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		71836		
130	33.2	12.3	52.3		
64	37.0	15.9	55.9		





#9

Benzaldehyde

Concen: 13.33 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

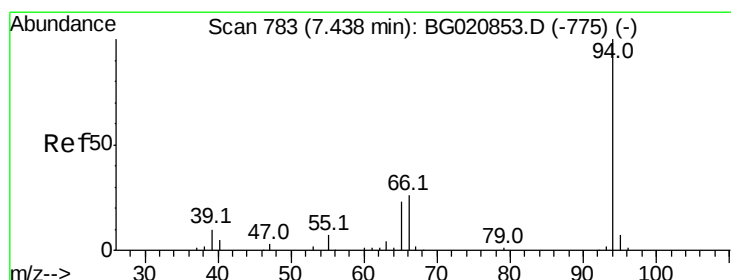
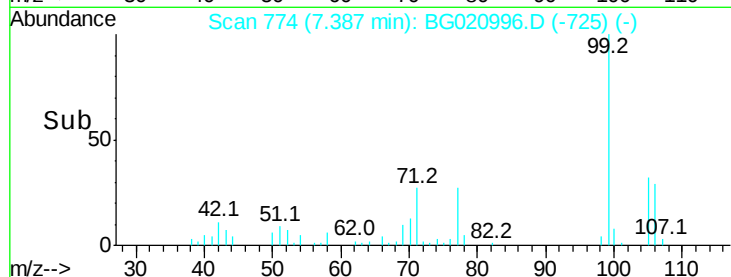
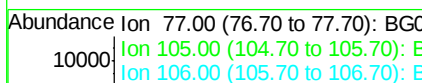
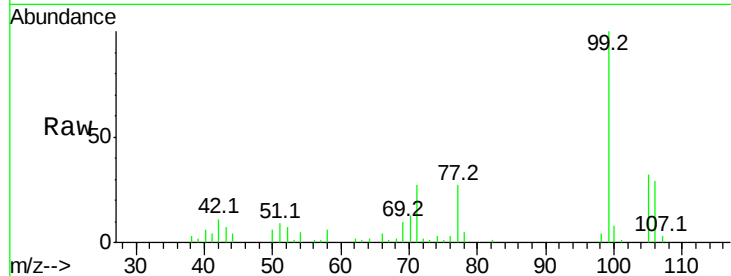
ClientSampleID :

40054(0-2)MSD

Tot Ion:	77	Resp:	11901
Ion Ratio	Lower	Upper	
77	100		
105	119.3	93.4	133.4
106	109.4	88.7	128.7

Manual Integrations
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#10

Phenol

Concen: 48.25 ng

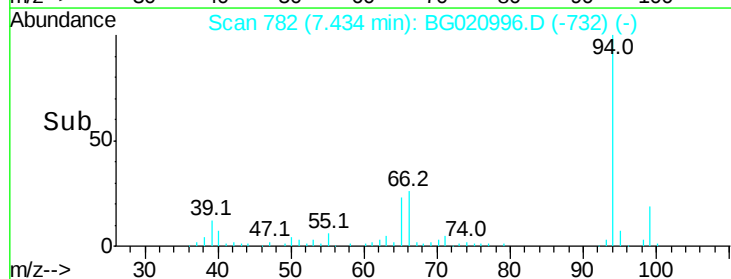
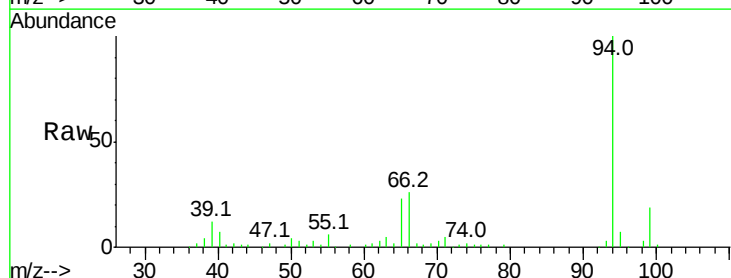
RT: 7.43 min Scan# 782

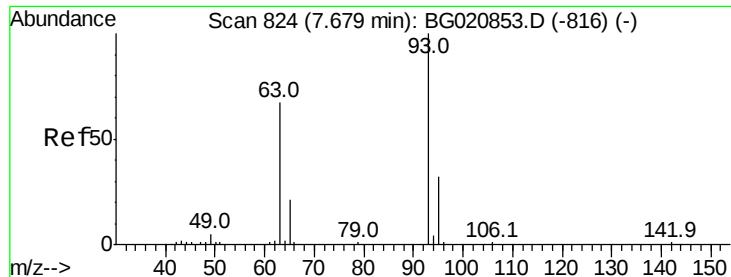
Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	94	Resp:	91031
Ion Ratio	Lower	Upper	
94	100		
65	22.7	2.8	42.8
66	26.4	7.2	47.2





#11

bis(2-Chloroethyl)ether

Concen: 42.32 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

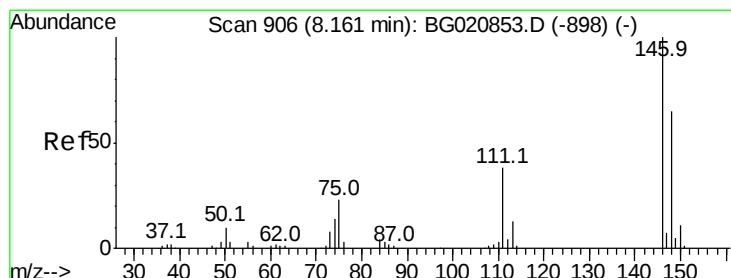
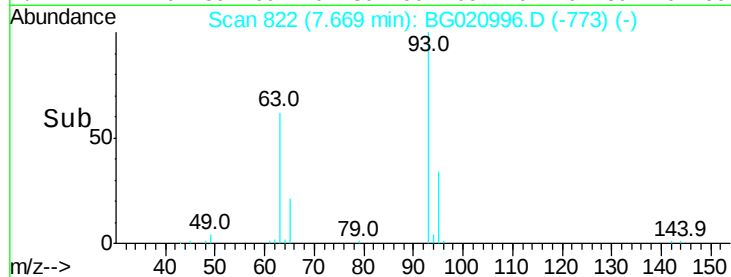
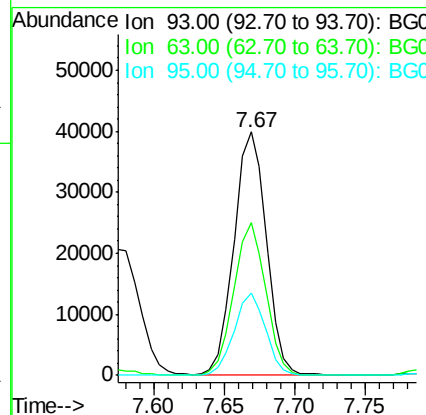
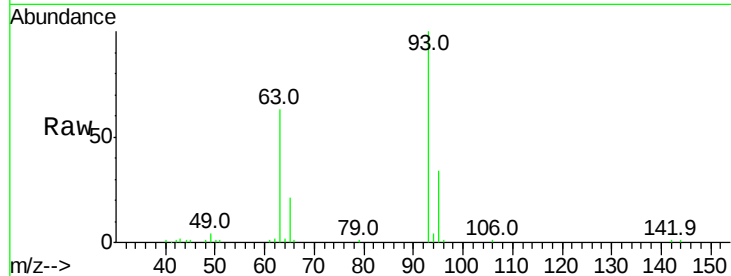
ClientSampled :

40054(0-2)MSD

Tot Ion:	93	Resp:	63773
Ion Ratio	Lower	Upper	
93	100		
63	62.9	46.4	86.4
95	33.8	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 40.78 ng

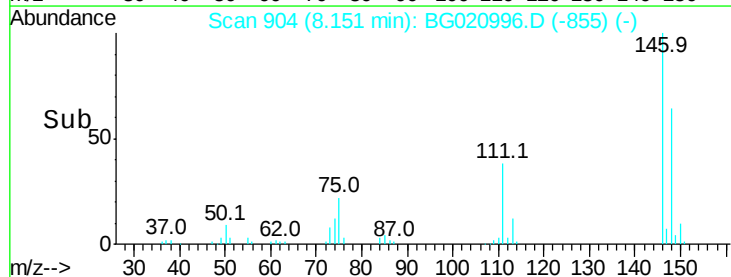
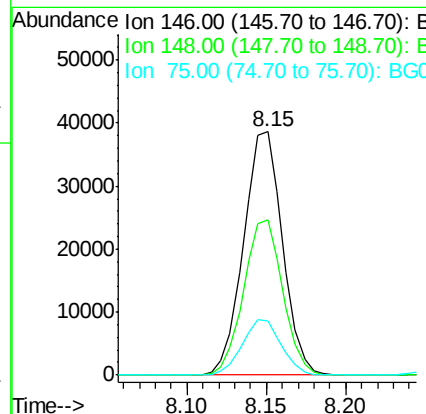
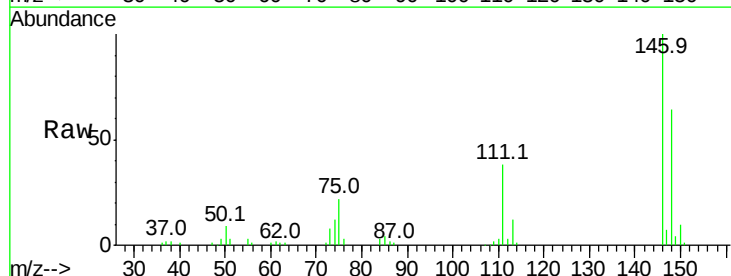
RT: 8.15 min Scan# 904

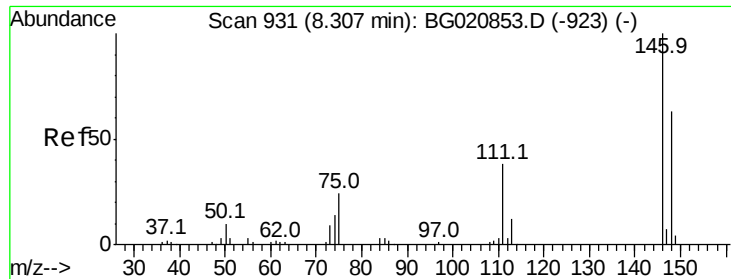
Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	146	Resp:	65693
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
75	22.4	18.7	28.1





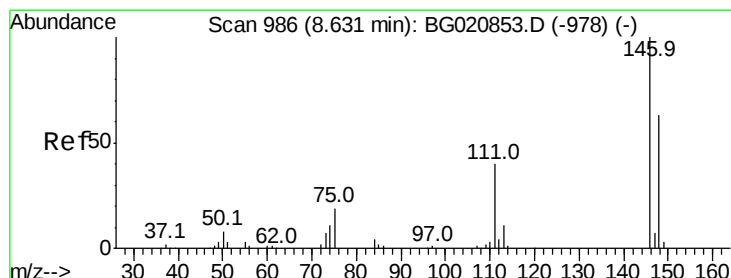
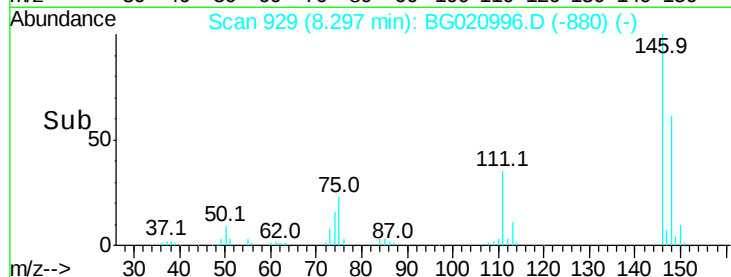
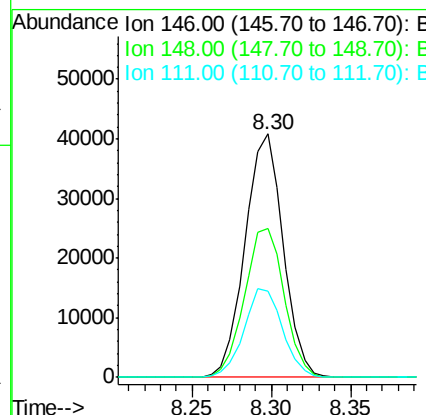
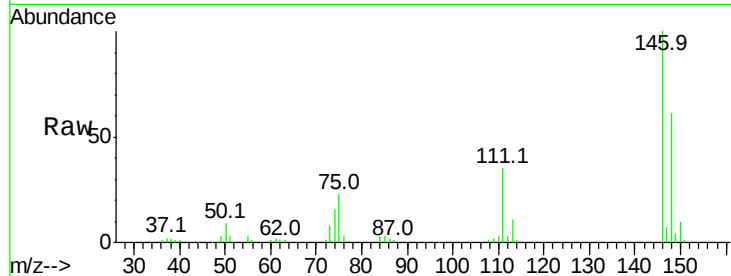
#13
 1,4-Dichlorobenzene
 Concen: 41.66 ng
 RT: 8.30 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleID :
 40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	68059		
148	61.0		50.8	76.2
111	35.4		30.1	45.1

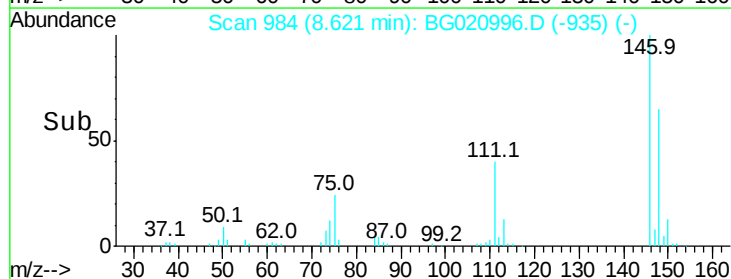
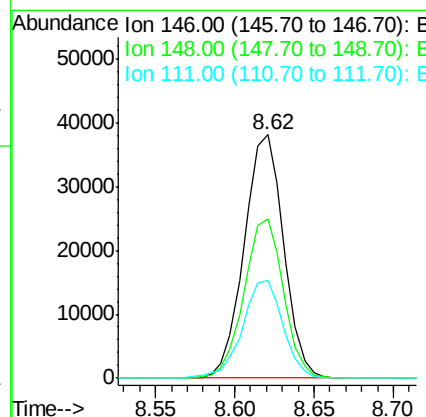
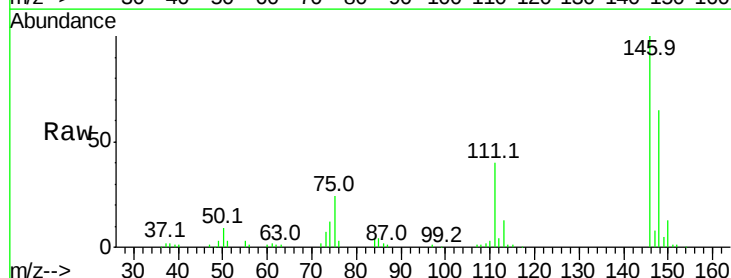
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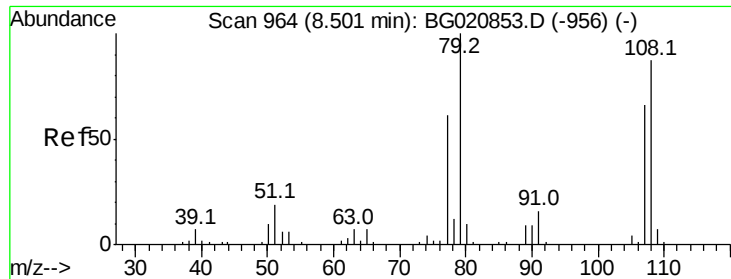
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#14
 1,2-Dichlorobenzene
 Concen: 41.48 ng
 RT: 8.62 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	65911		
148	65.1		50.6	76.0
111	40.2		32.6	48.8





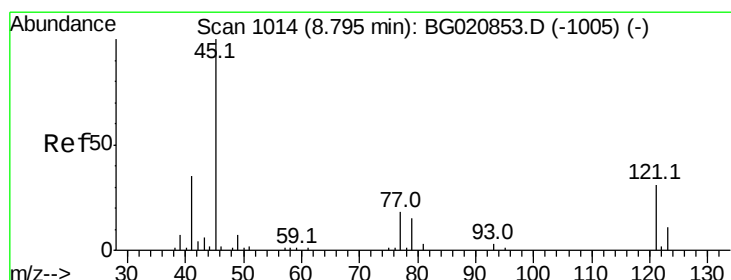
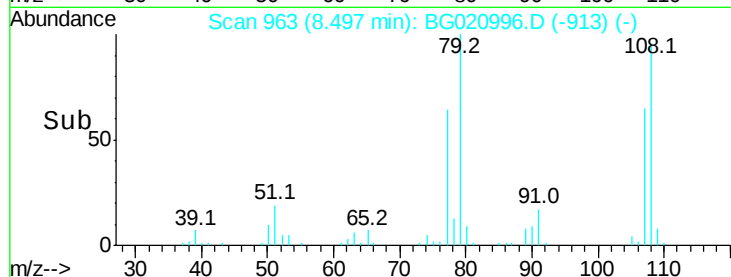
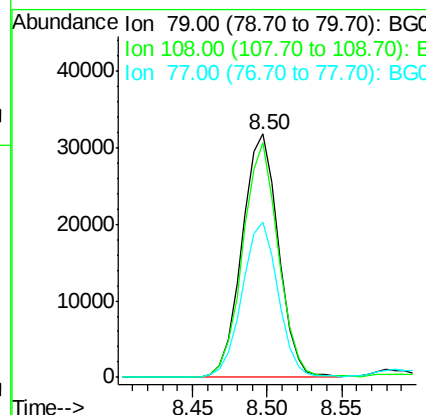
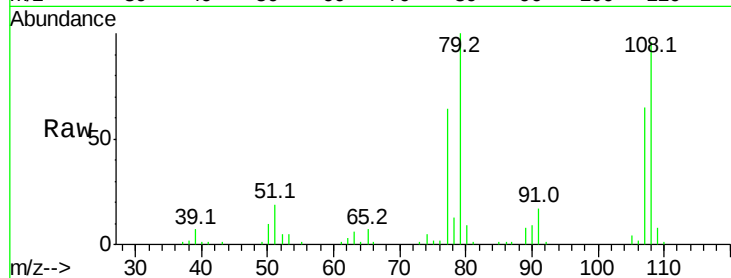
#15
Benzyl Alcohol
Concen: 47.79 ng
RT: 8.50 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	96.2	69.4	104.2
77	63.7	48.6	73.0

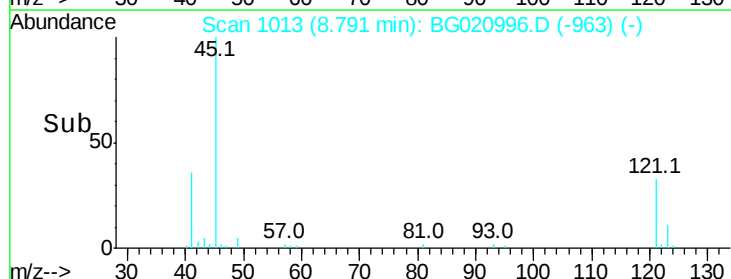
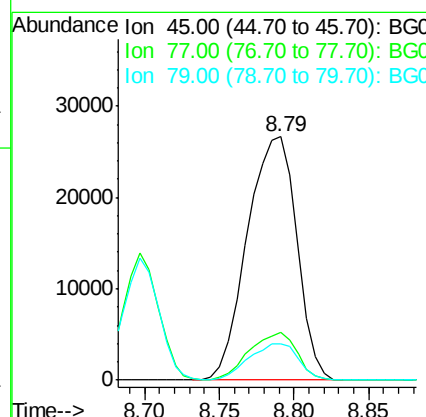
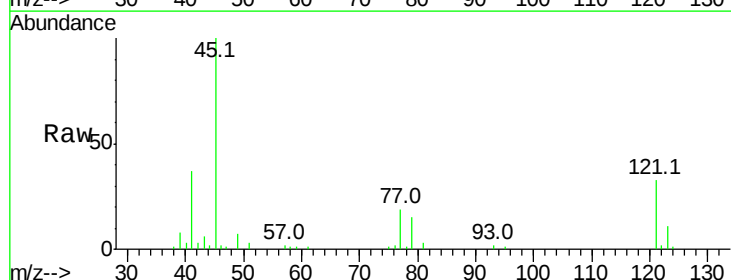
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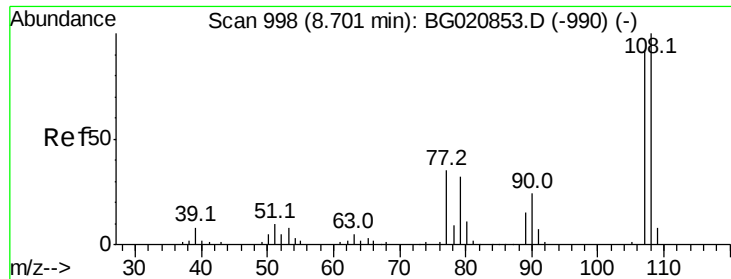
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.84 ng
RT: 8.79 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	38.5
79	14.8	0.0	34.9





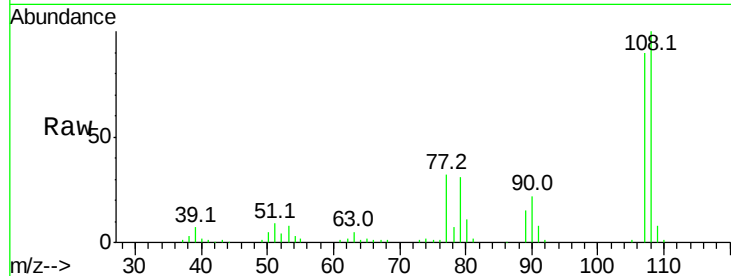
#17
2-Methylphenol
Concen: 47.08 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

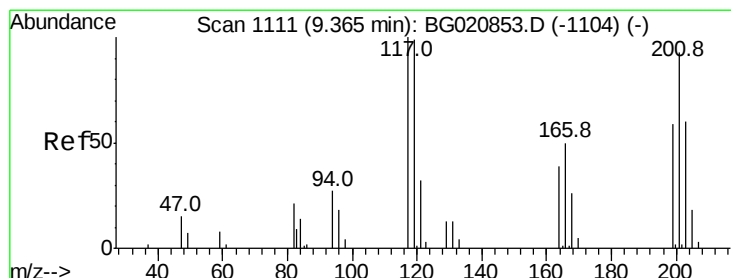
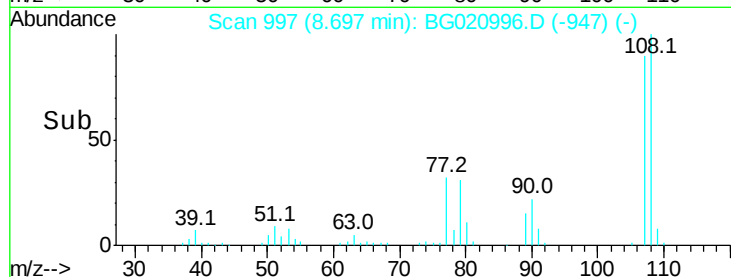
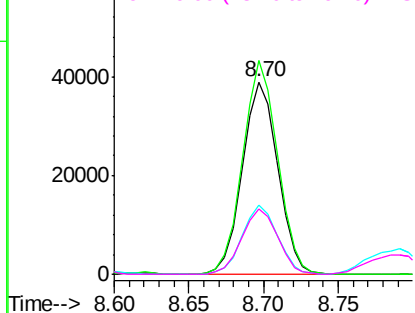
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		63997		
108	111.0	87.0	130.4		
77	35.7	30.1	45.1		
79	34.2	27.4	41.2		

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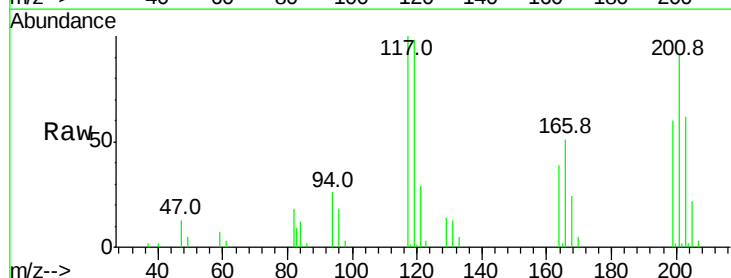


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

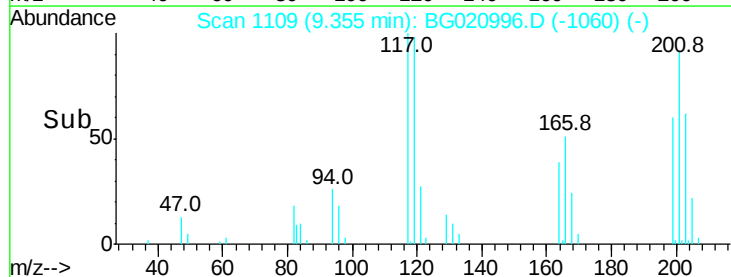
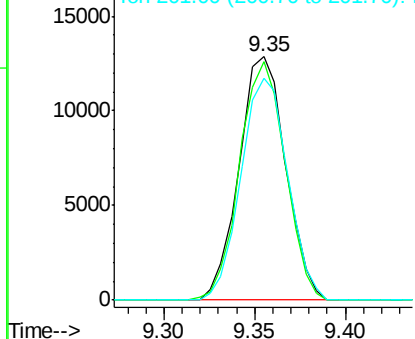


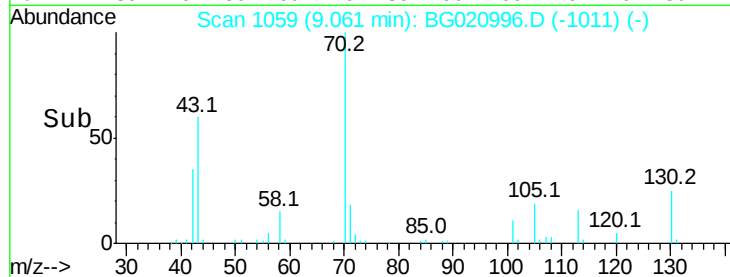
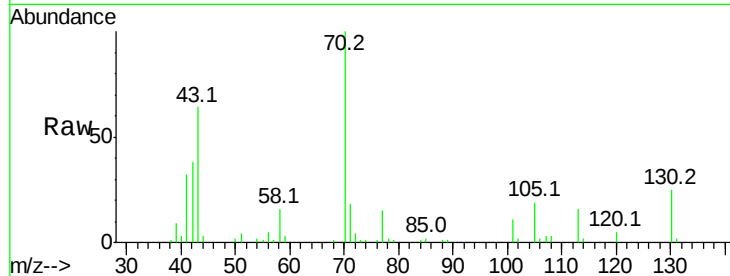
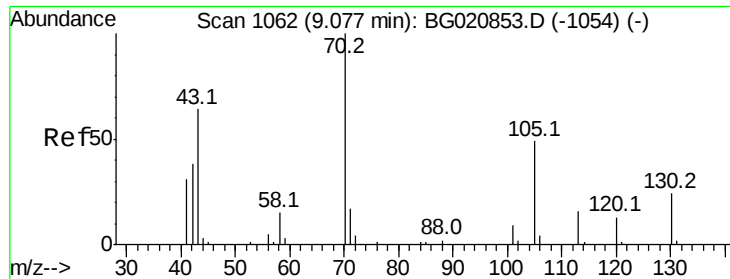
#18
Hexachloroethane
Concen: 41.05 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		23058		
119	97.7	79.6	119.4		
201	91.0	74.5	111.7		



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





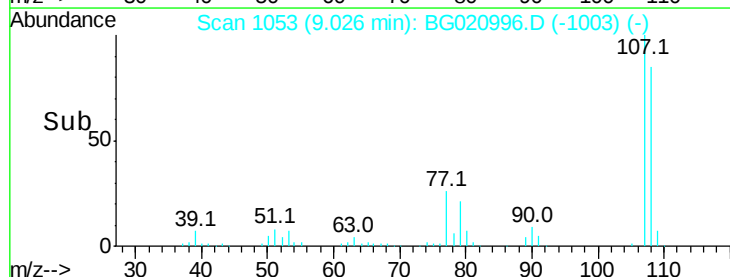
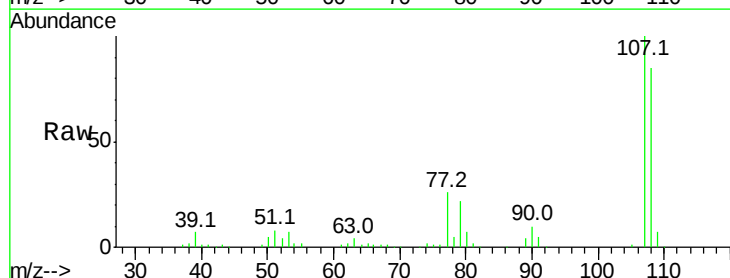
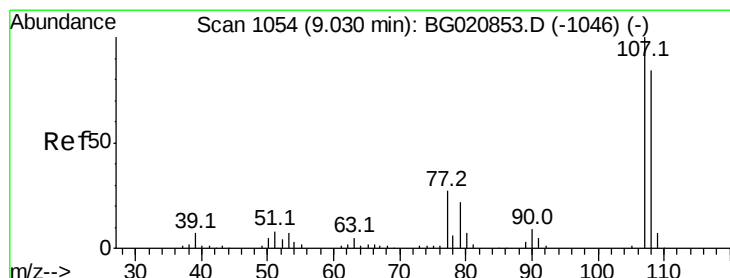
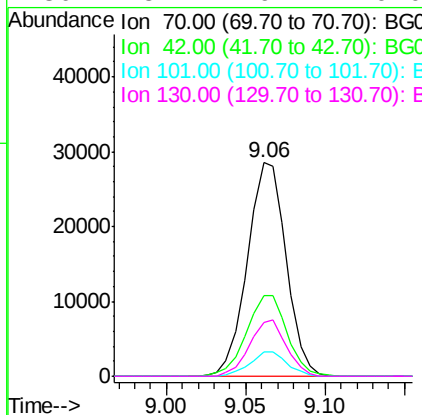
#19
n-Nitroso-di-n-propylamine
Concen: 42.09 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

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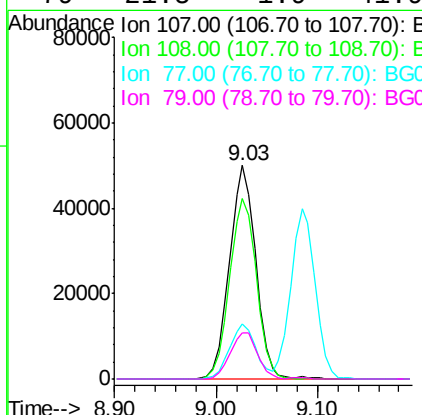
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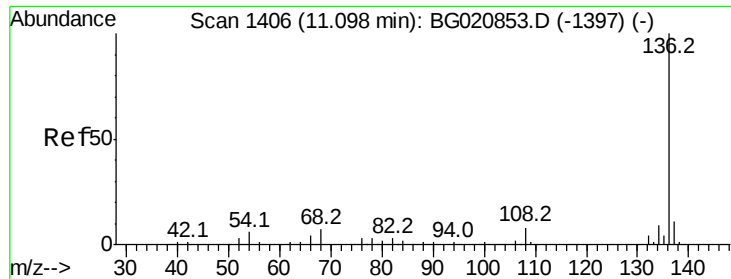
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.6	30.9	46.3	
101	11.2	7.3	10.9	
130	25.1	19.4	29.0	



#20
3+4-Methylphenols
Concen: 47.49 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	64.4	104.4	
77	25.7	7.1	47.1	
79	21.5	1.9	41.9	





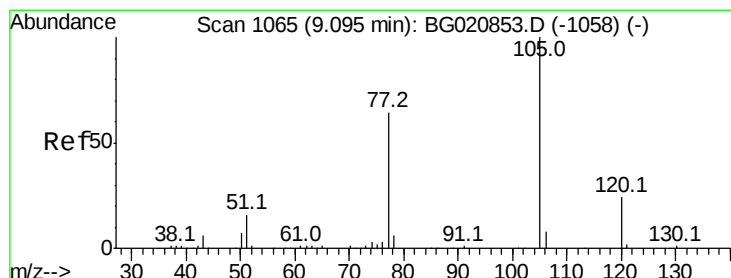
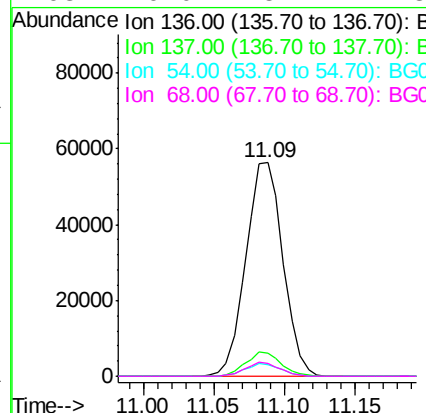
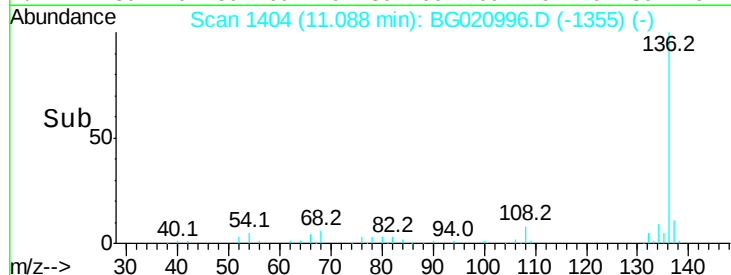
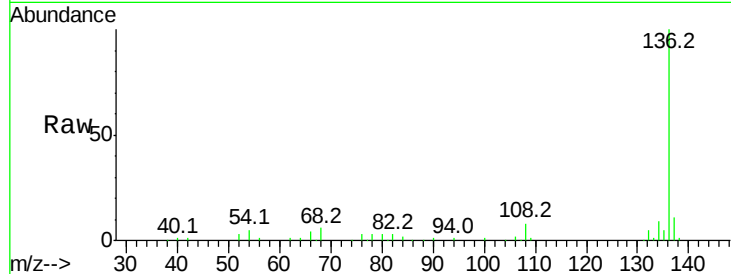
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.8	13.2	
54	5.4	5.0	7.4	
68	6.0	5.2	7.8	

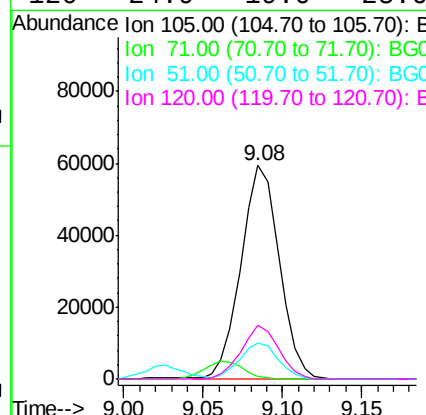
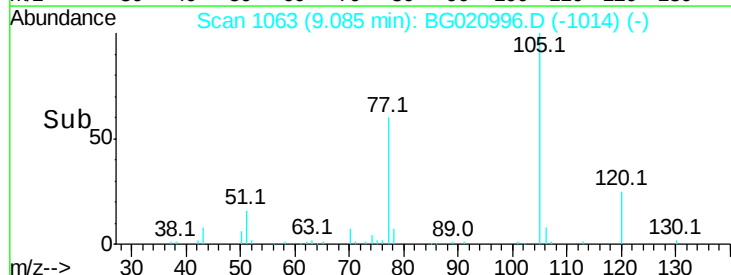
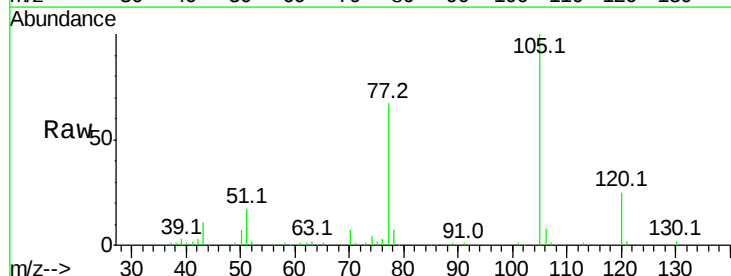
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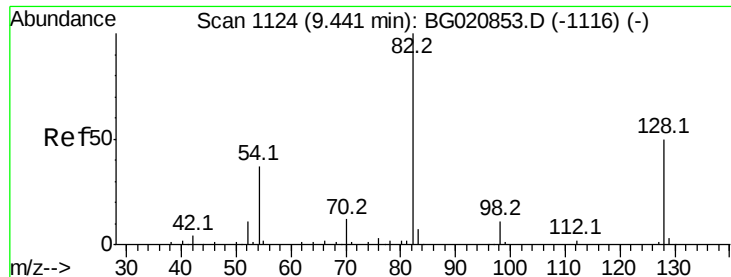
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#22
Acetophenone
Concen: 40.15 ng
RT: 9.08 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	1.4	2.0#	
51	16.8	13.7	20.5	
120	24.9	19.0	28.6	





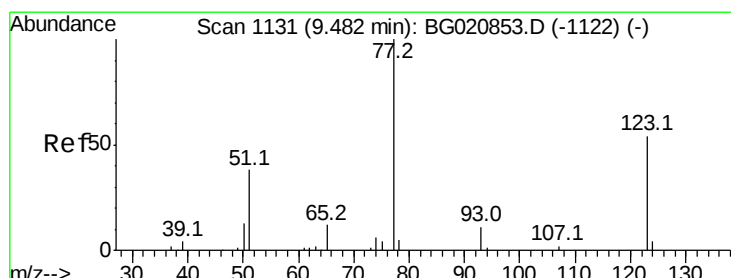
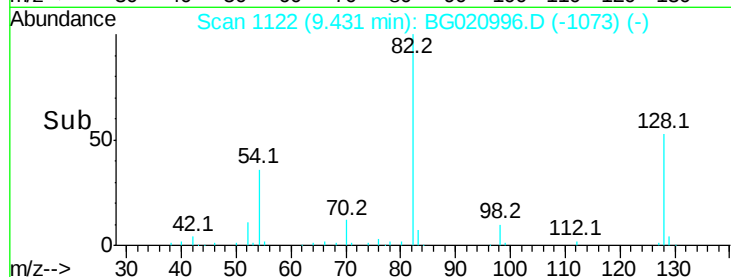
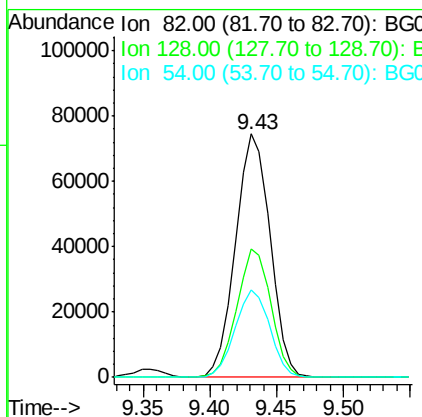
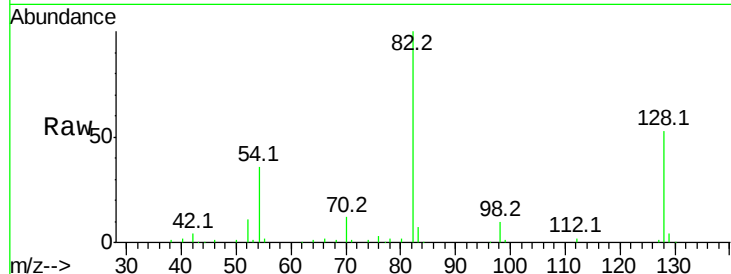
#23
Nitrobenzene-d5
Concen: 84.87 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleID :
40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.8	40.1	60.1	
54	35.8	29.5	44.3	

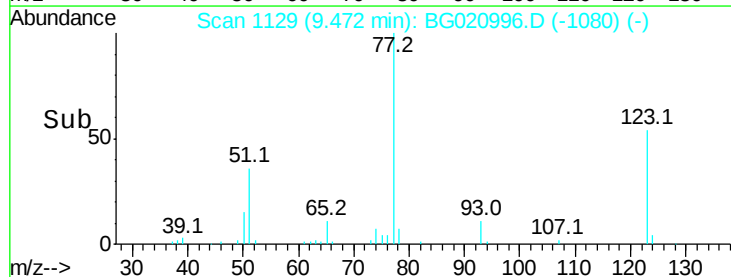
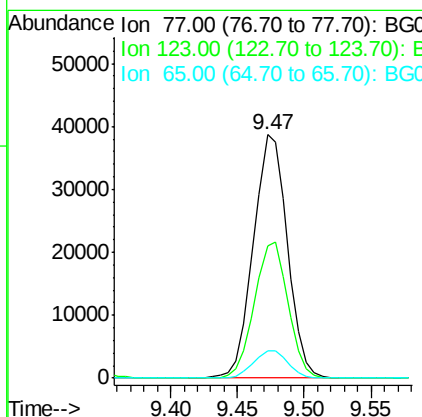
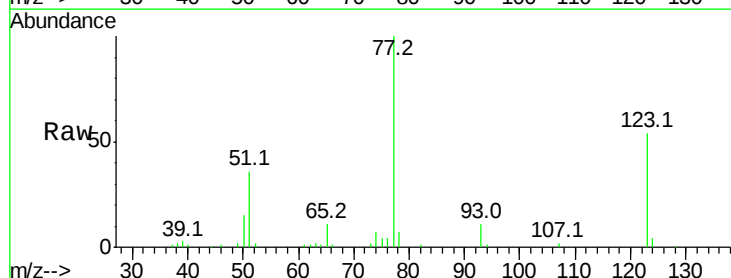
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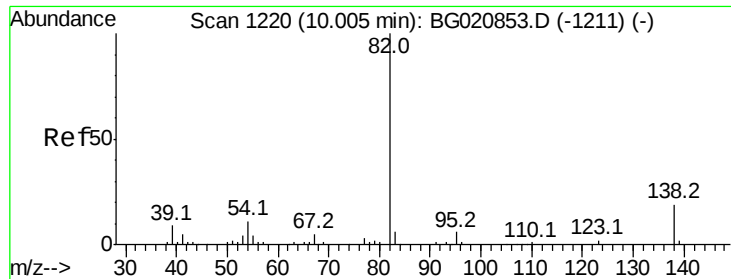
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#24
Nitrobenzene
Concen: 41.31 ng
RT: 9.47 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	54.3	43.2	64.8	
65	11.1	9.2	13.8	





#25

Isophorone

Concen: 42.11 ng

RT: 10.00 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

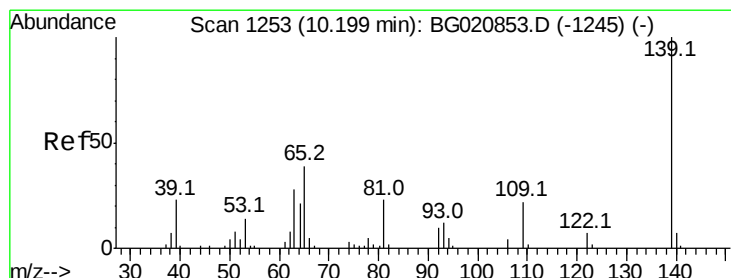
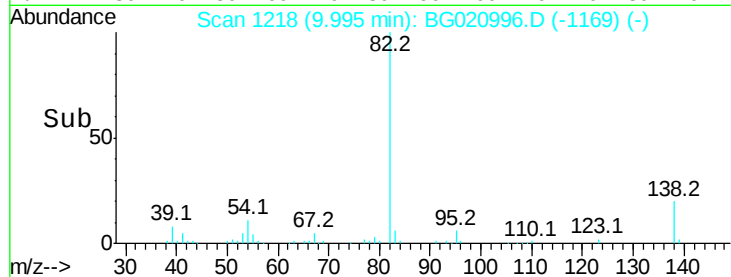
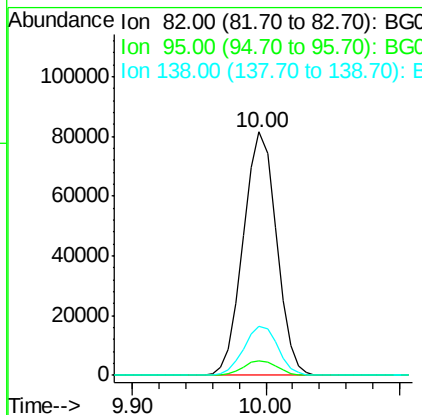
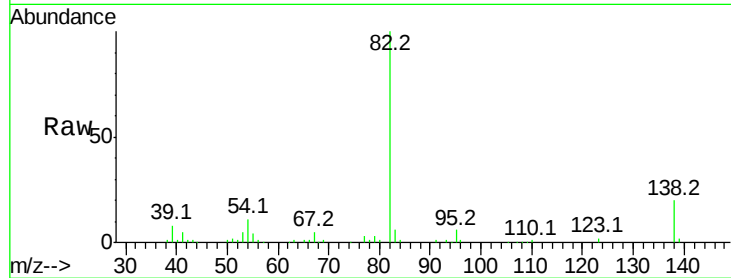
ClientSampleId :

40054(0-2)MSD

Tot Ion:	82	Resp:	139967
Ion Ratio		Lower	Upper
82	100		
95	6.1	4.8	7.2
138	20.2	15.4	23.0

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#26

2-Nitrophenol

Concen: 46.40 ng

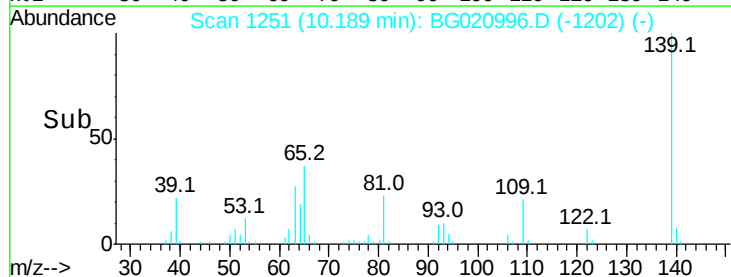
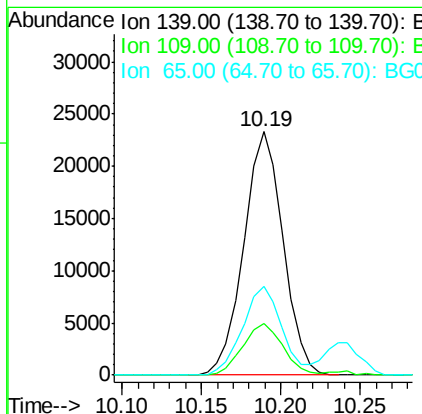
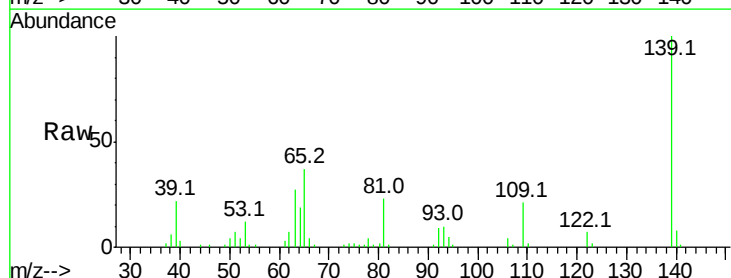
RT: 10.19 min Scan# 1251

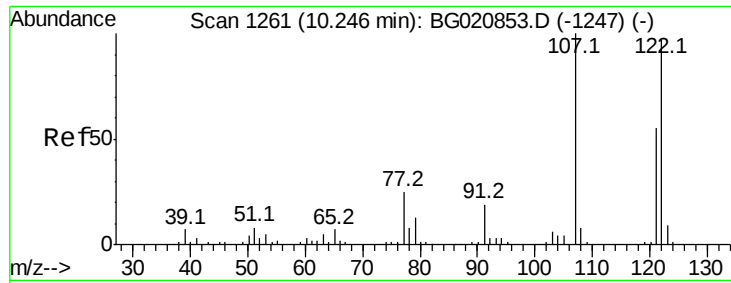
Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	139	Resp:	40138
Ion Ratio		Lower	Upper
139	100		
109	21.3	17.6	26.4
65	36.6	31.0	46.6





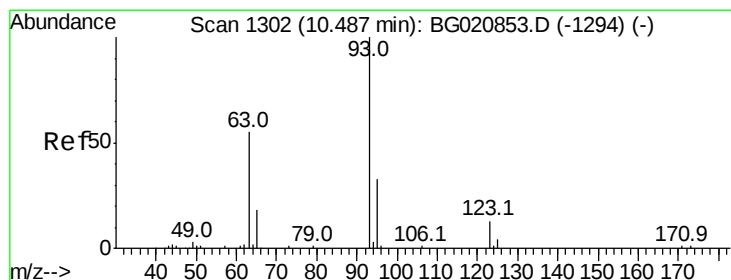
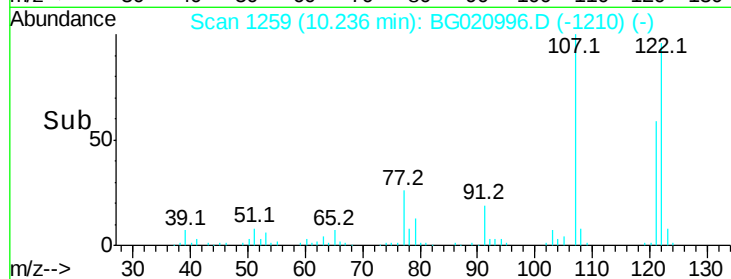
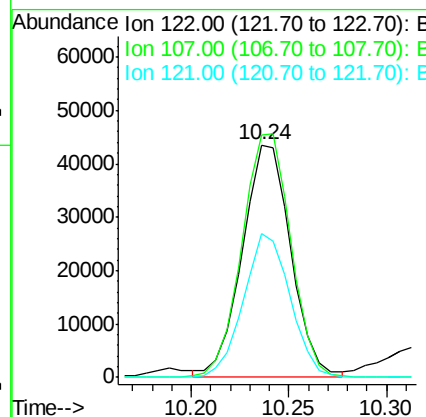
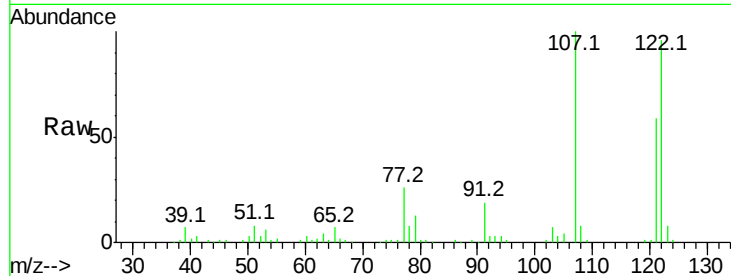
#27
 2,4-Dimethylphenol
 Concen: 45.17 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.5	82.6	124.0
121	61.8	45.6	68.4

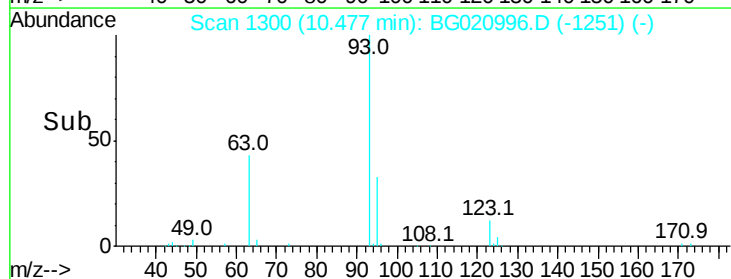
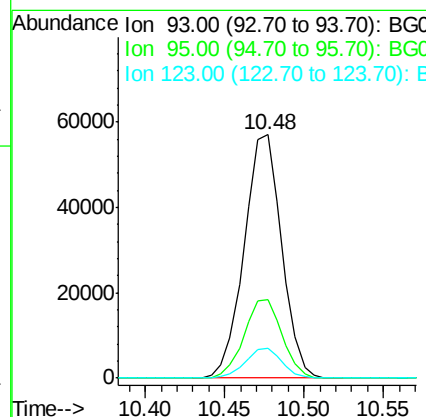
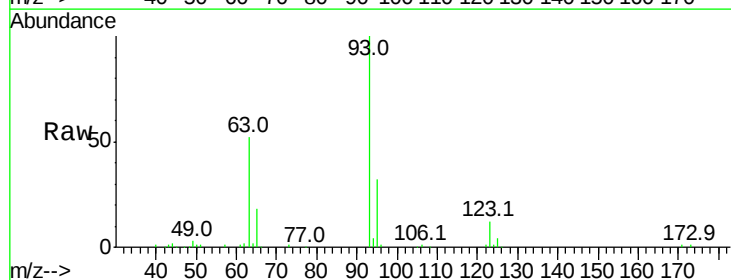
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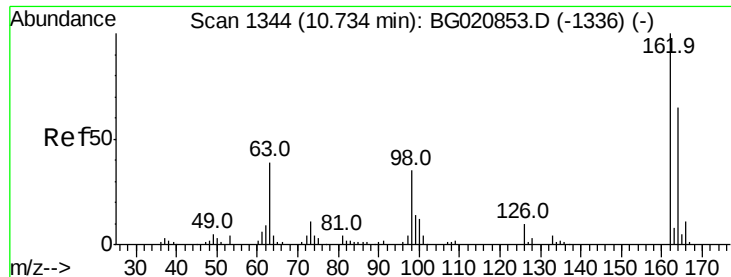
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.61 ng
 RT: 10.48 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	12.3	10.0	15.0





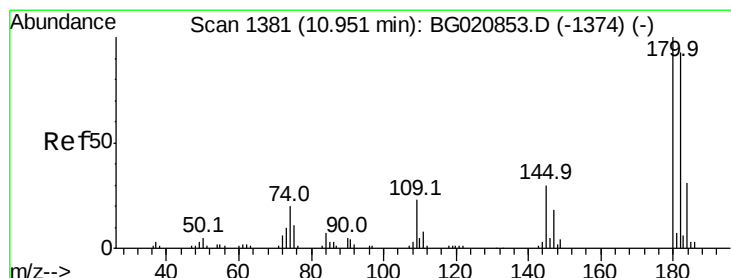
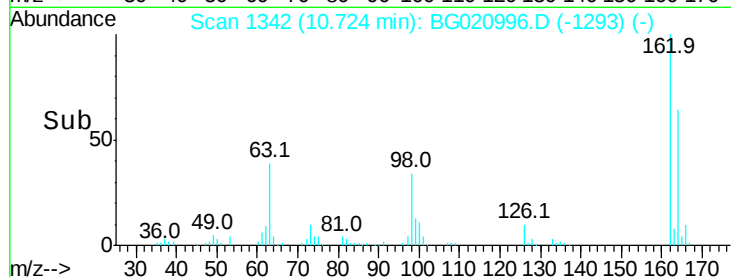
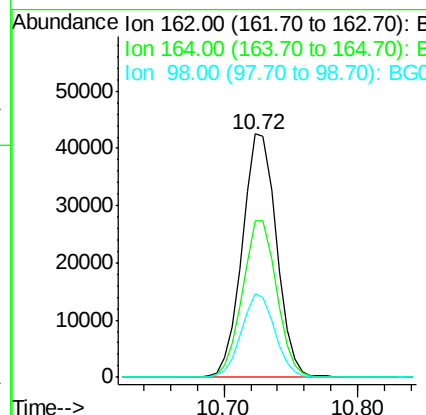
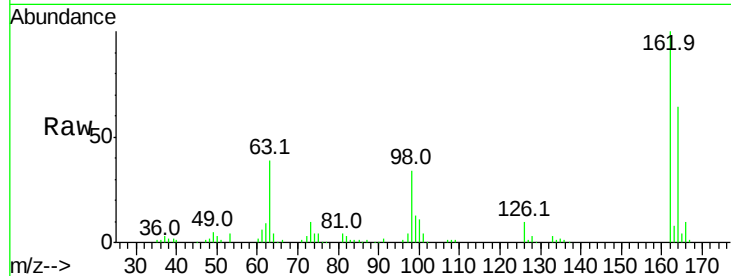
#29
 2,4-Dichlorophenol
 Concen: 50.77 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion:	162	Resp:	75417
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.5	84.5
98	34.1	14.9	54.9

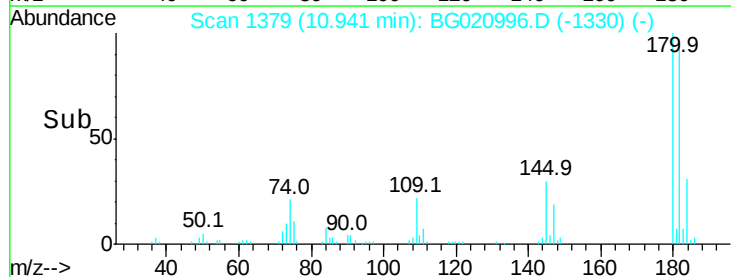
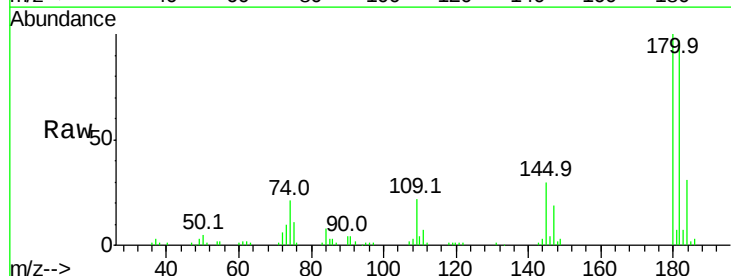
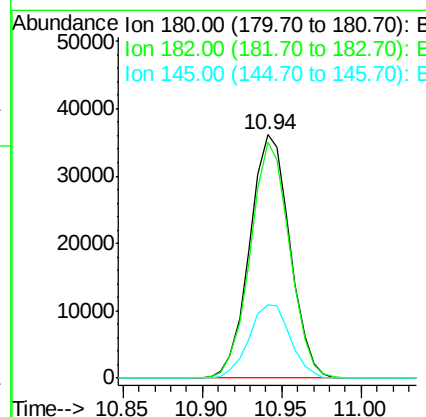
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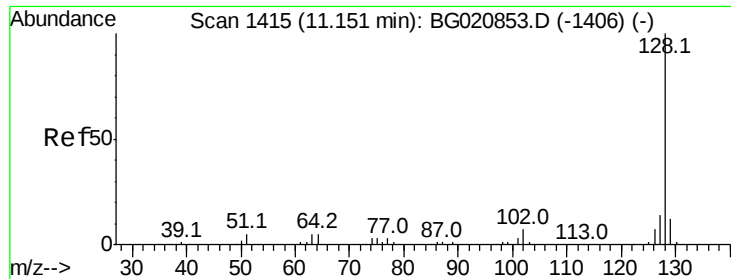
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.56 ng
 RT: 10.94 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:	180	Resp:	63684
Ion Ratio	Lower	Upper	
180	100		
182	96.9	74.1	111.1
145	30.1	24.1	36.1





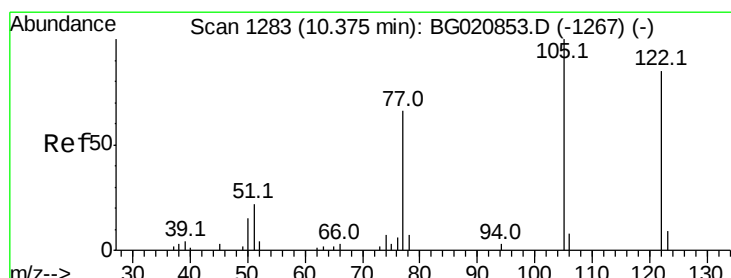
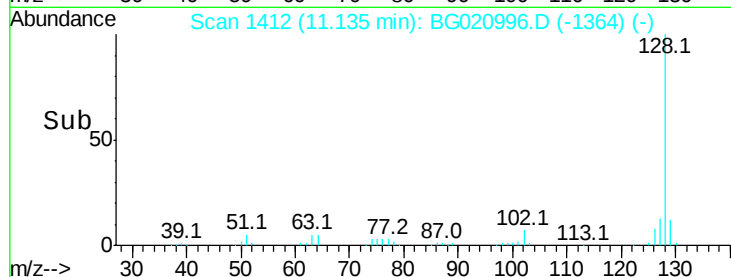
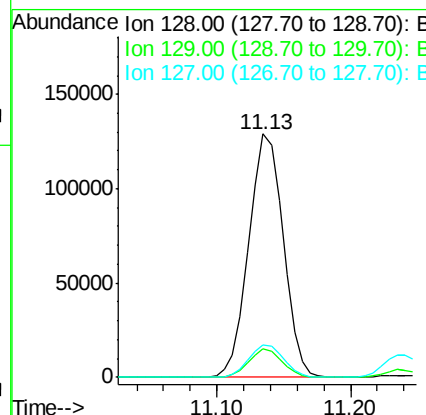
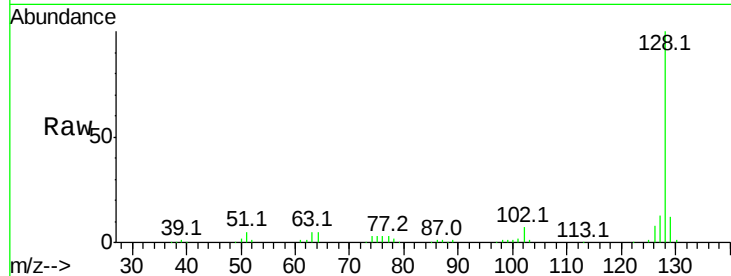
#31
Naphthalene
Concen: 42.95 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	230333		
129	11.5	9.3	13.9	
127	13.4	11.4	17.2	

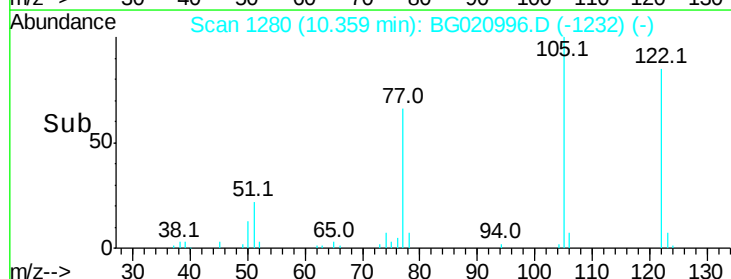
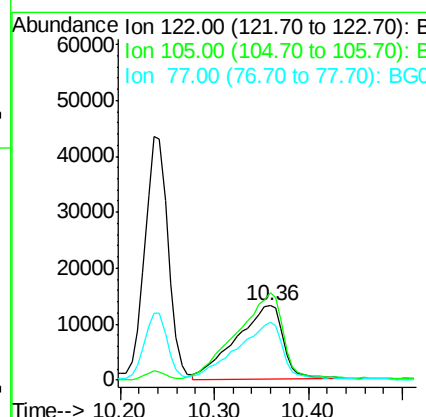
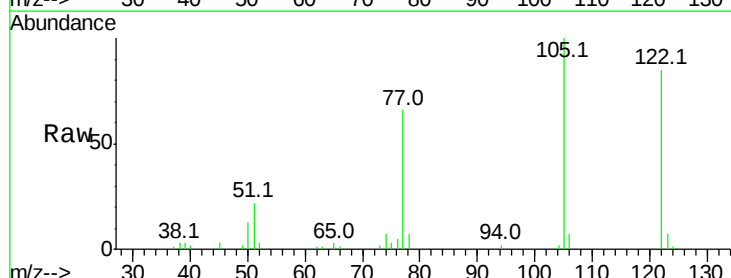
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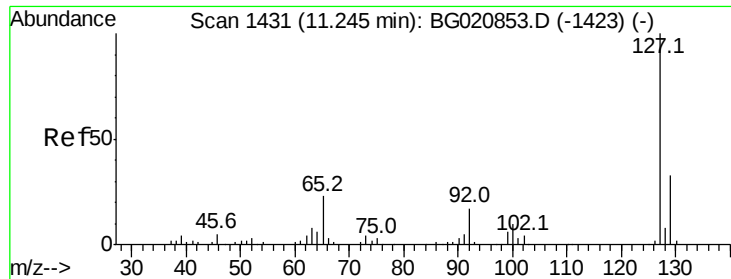
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#32
Benzoic acid
Concen: 34.55 ng
RT: 10.36 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	45930		
105	117.5	94.0	134.0	
77	77.4	56.8	96.8	





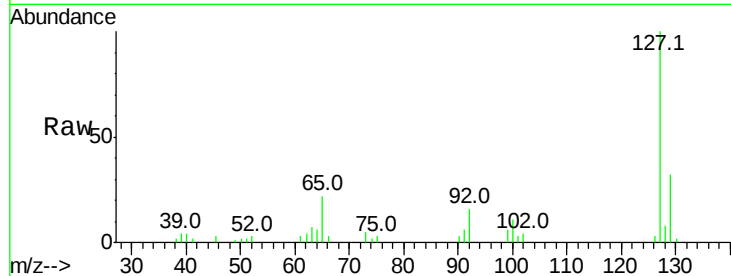
#33
4-Chloroaniline
Concen: 9.94 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

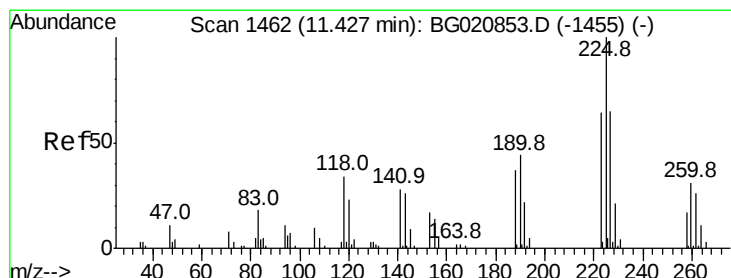
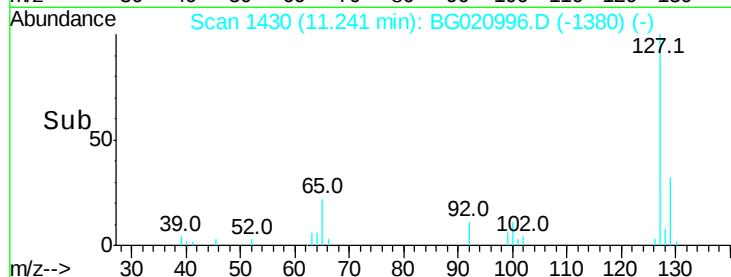
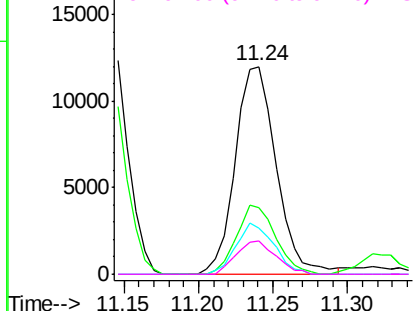
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	22.4	18.6	27.8
92	16.0	13.3	19.9

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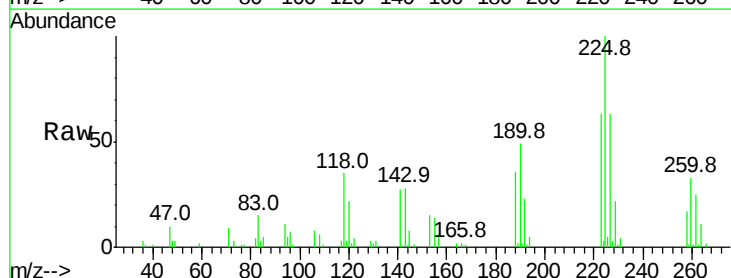


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

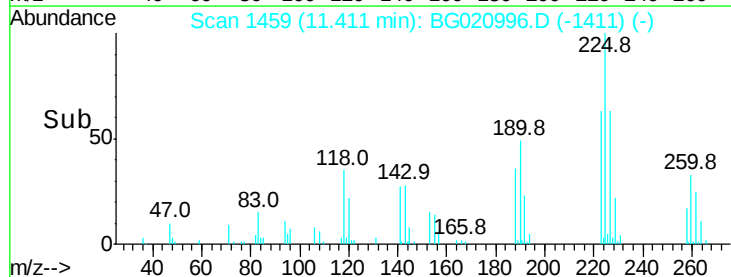
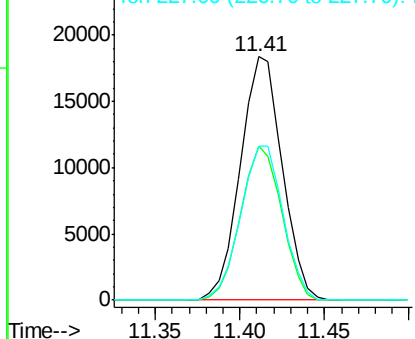


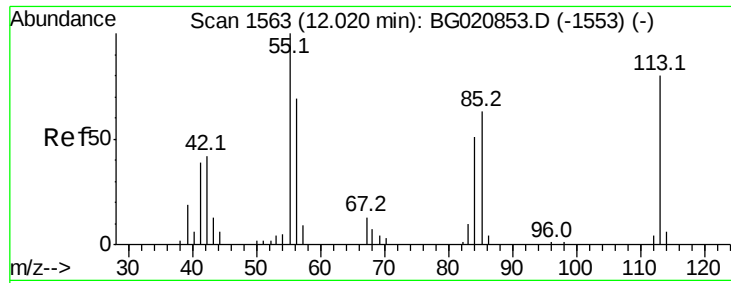
#34
Hexachlorobutadiene
Concen: 41.48 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	63.1	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: 50.22 ng/ml

RT: 12.01 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

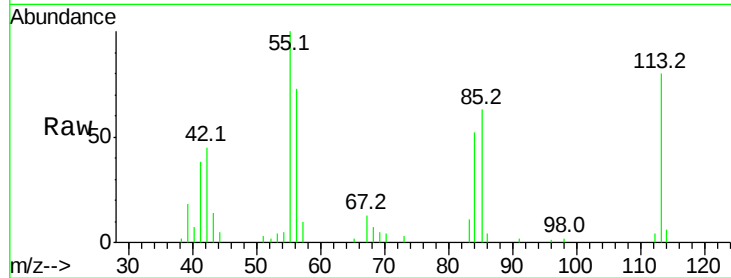
ClientSampleId :

40054(0-2)MSD

Tot Ion:	113	Resp:	28584
Ion Ratio	Lower	Upper	
113	100		
55	124.8	104.4	144.4
56	91.3	65.4	105.4

Manual Integrations
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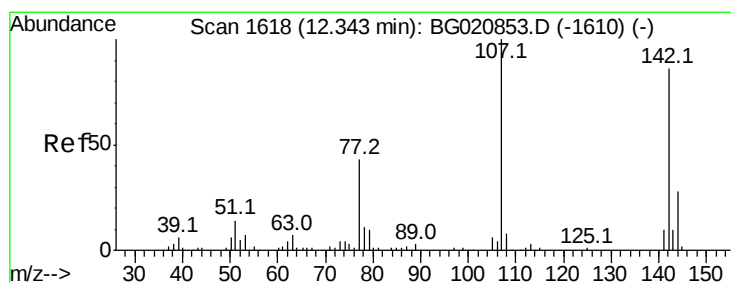
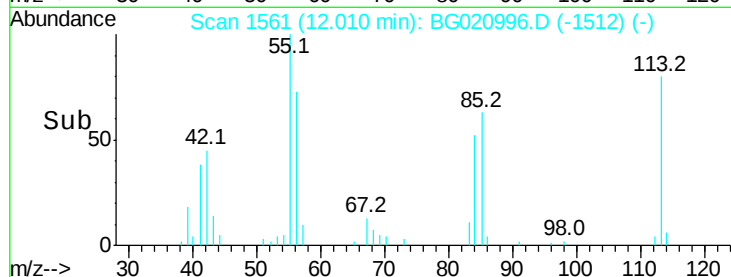
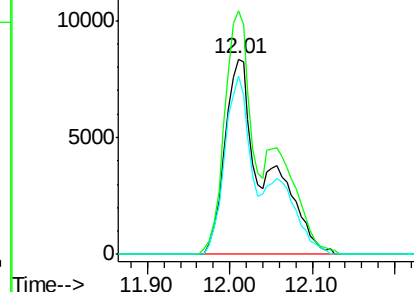
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.65 ng/ml

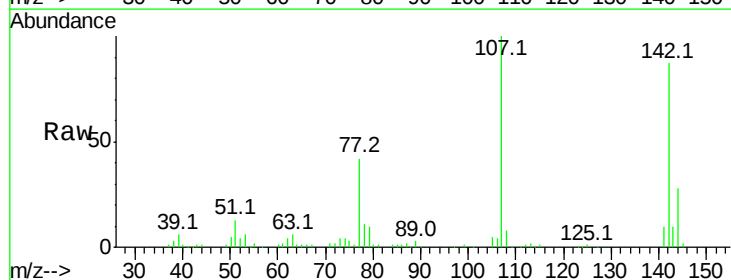
RT: 12.34 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

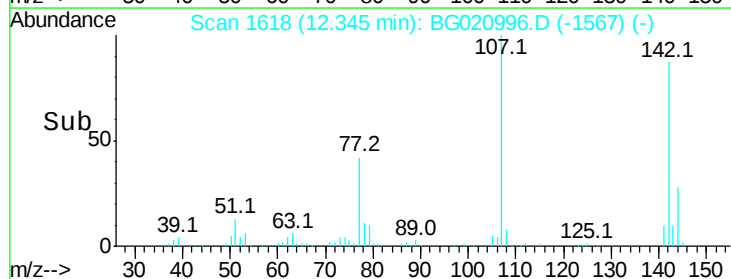
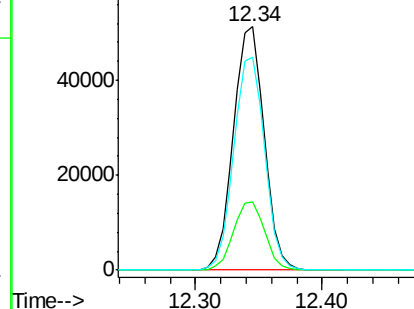
Tgt Ion:	107	Resp:	86211
Ion Ratio	Lower	Upper	
107	100		
144	28.3	22.4	33.6
142	87.3	68.6	103.0

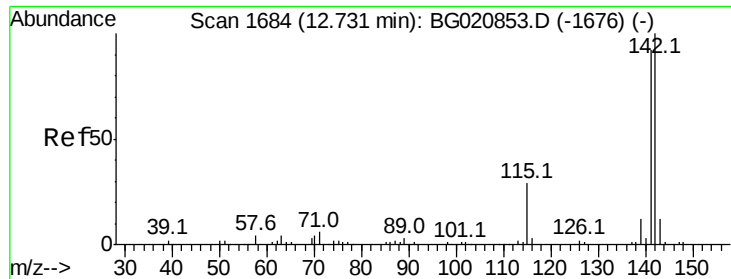


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





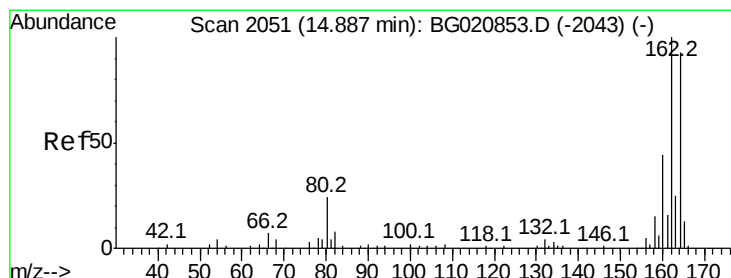
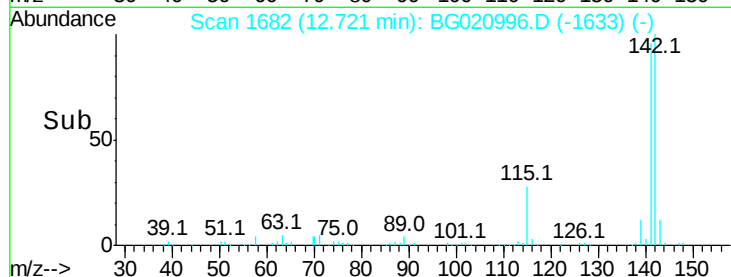
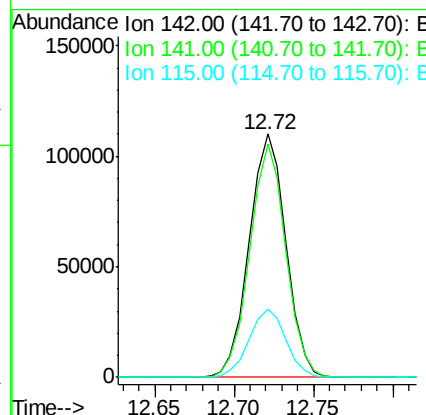
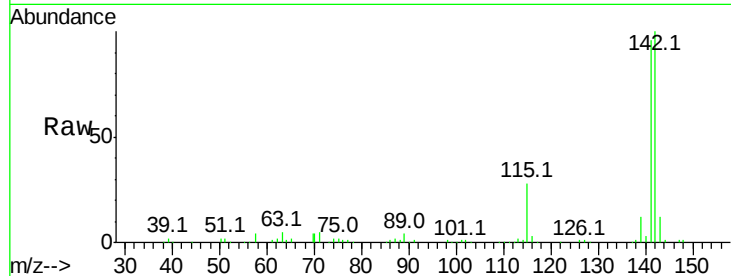
#37
 2-Methylnaphthalene
 Concen: 47.08 ng
 RT: 12.72 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.9	73.4	110.2
115	28.2	23.0	34.6

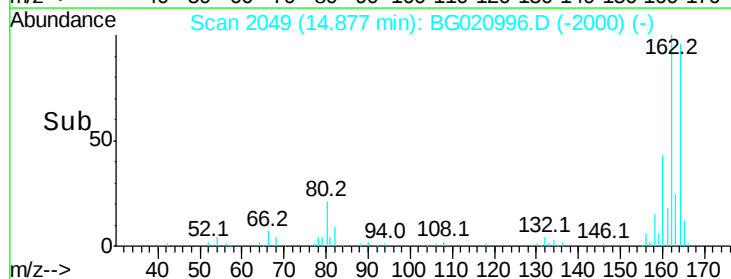
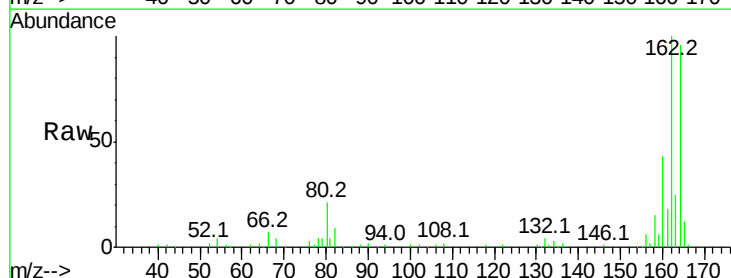
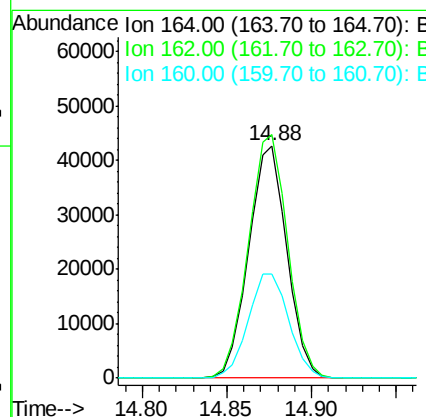
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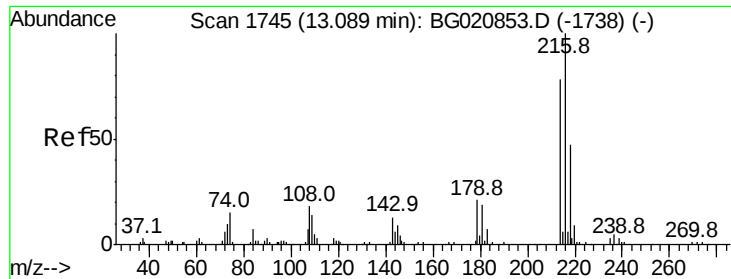
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.7	128.5
160	44.6	37.4	56.0





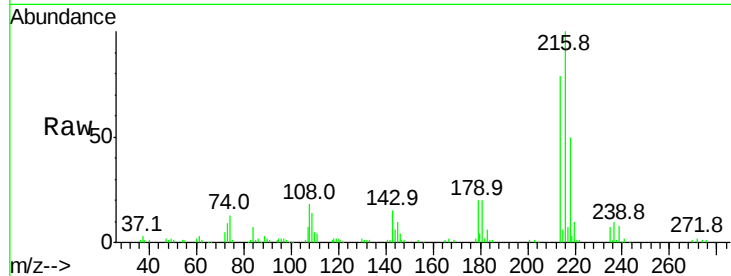
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.31 ng
 RT: 13.08 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

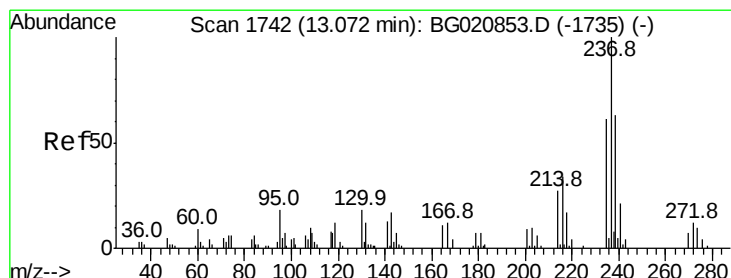
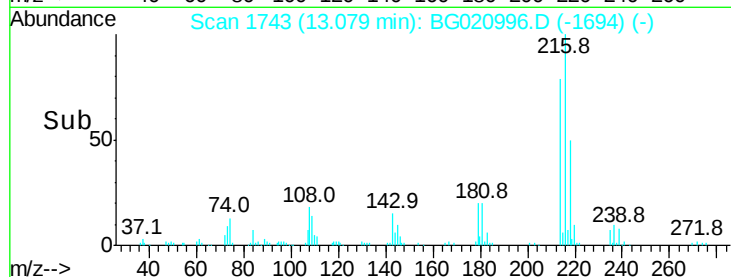
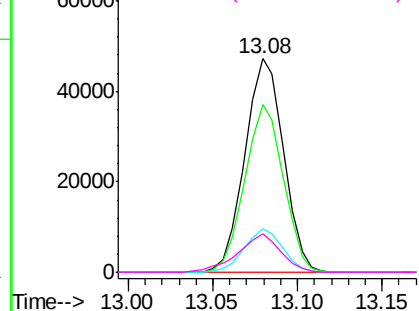
Tot Ion	Ratio	Resp	Lower	Upper
216	100	75211		
214	78.3	61.9	92.9	
179	20.2	16.5	24.7	
108	19.7	15.1	22.7	

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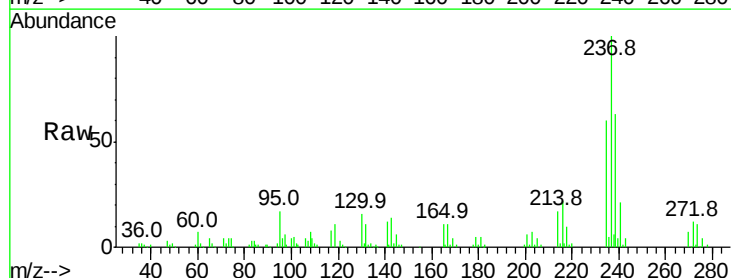


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

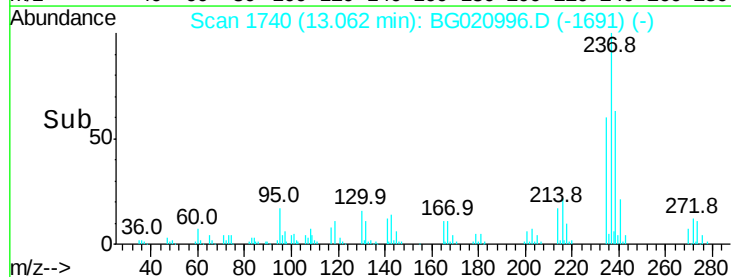
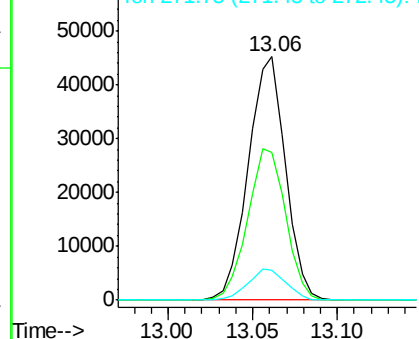


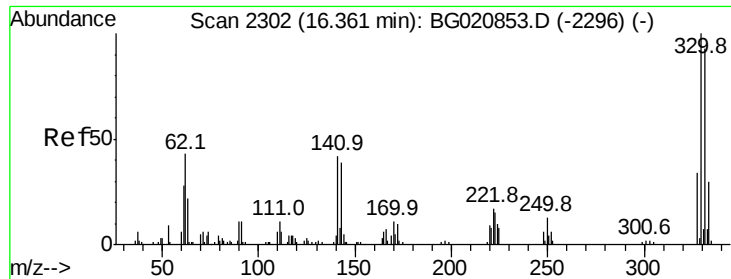
#40
 Hexachlorocyclopentadiene
 Concen: 80.00 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	69093		
235	60.5	40.8	80.8	
272	12.2	0.0	32.3	



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





#41

2,4,6-Tribromophenol

Concen: 146.28 ng

RT: 16.36 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

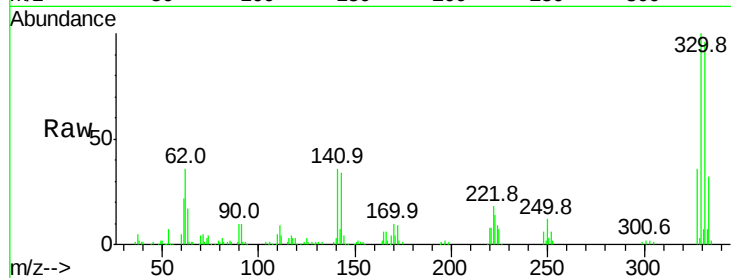
ClientSampleId :

40054(0-2)MSD

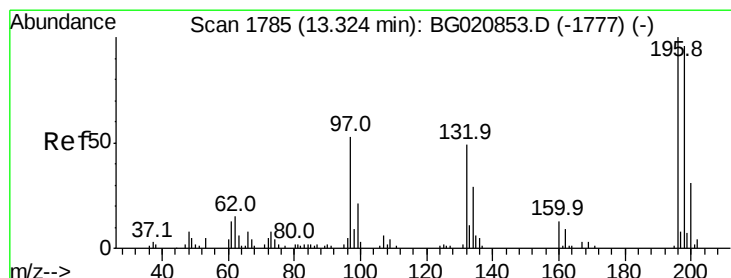
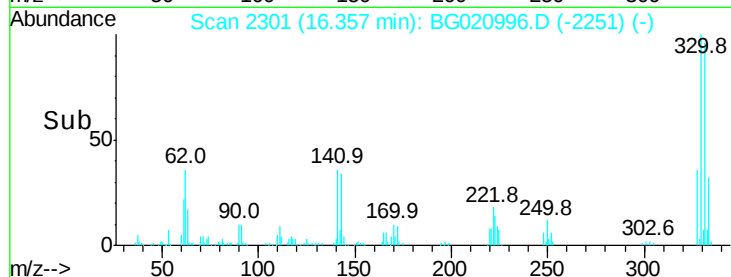
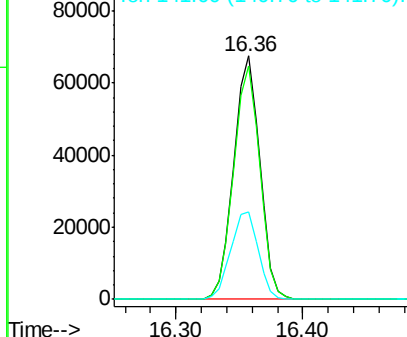
Tot Ion:	330	Resp:	96273
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.1	114.1
141	37.8	32.0	48.0

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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: 47.32 ng

RT: 13.31 min Scan# 1783

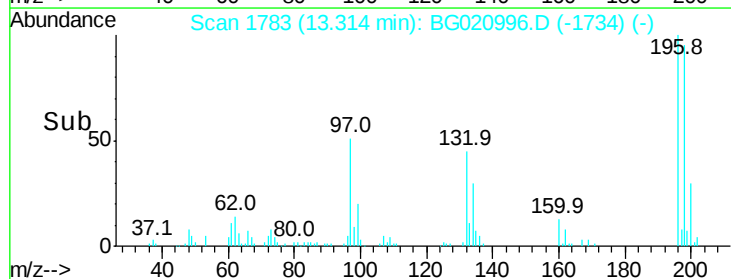
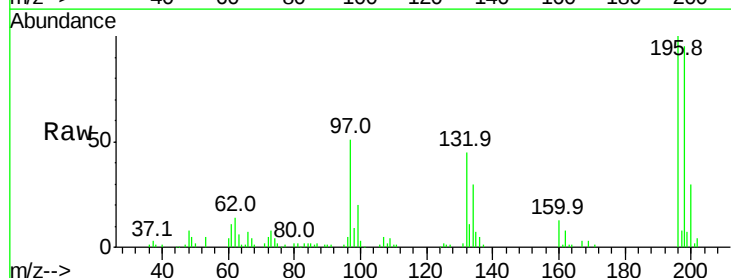
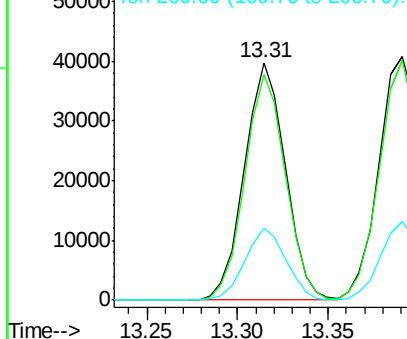
Delta R.T. -0.01 min

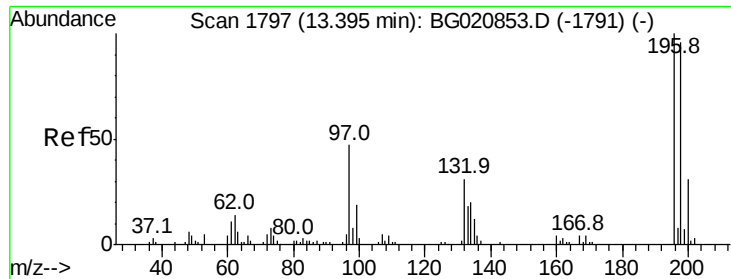
Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	196	Resp:	62407
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.1	115.7
200	30.3	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





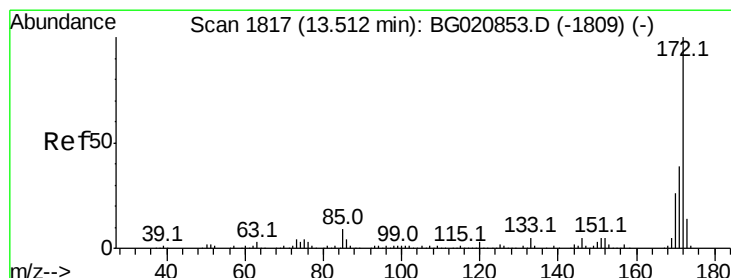
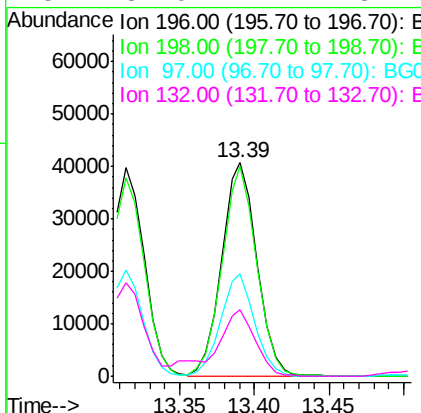
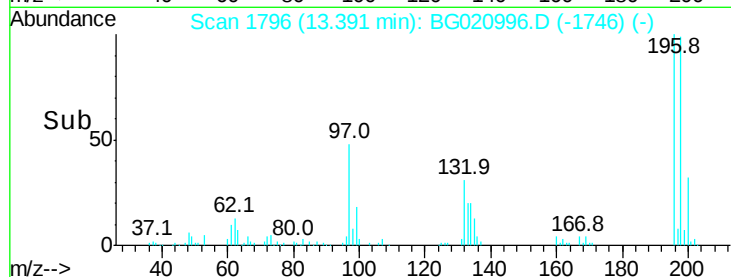
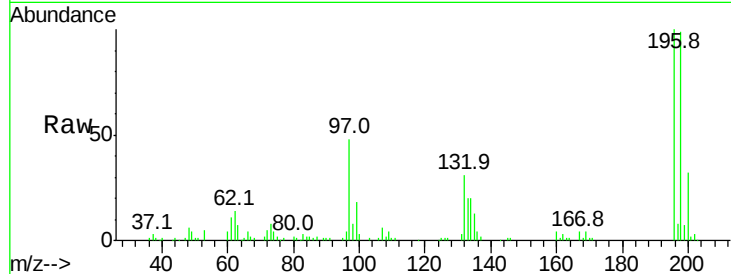
#43
 2,4,5-Trichlorophenol
 Concen: 48.45 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67183		
198	98.5	76.4	114.6	
97	47.7	37.4	56.0	
132	31.0	24.7	37.1	

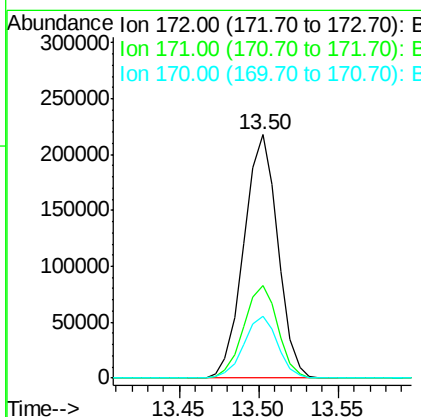
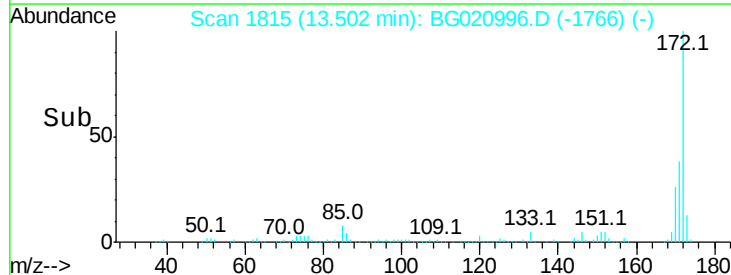
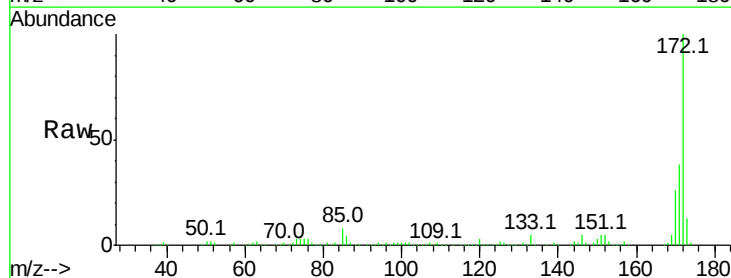
Manual Integrations
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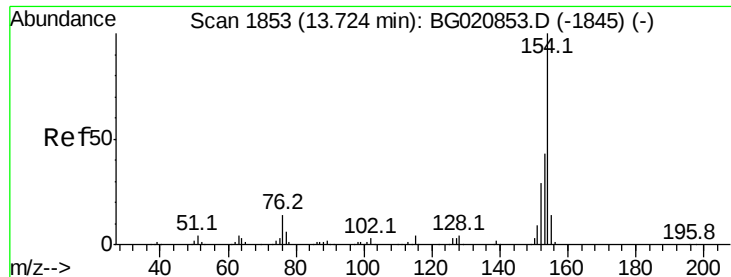
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#44
 2-Fluorobiphenyl
 Concen: 67.96 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	323793		
171	38.0	31.2	46.8	
170	25.7	20.6	30.8	





#45

1,1'-Biphenyl

Concen: 39.03 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

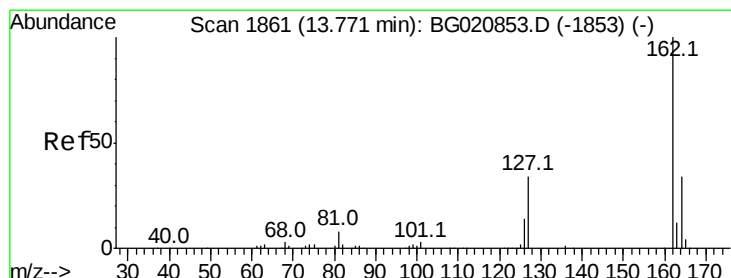
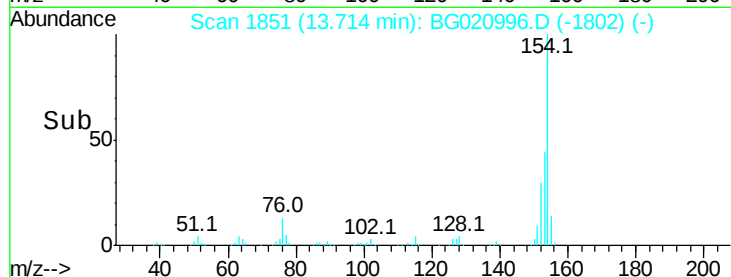
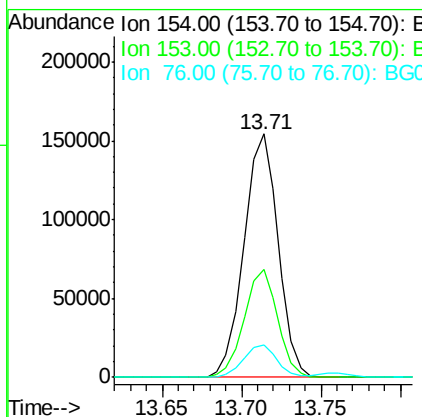
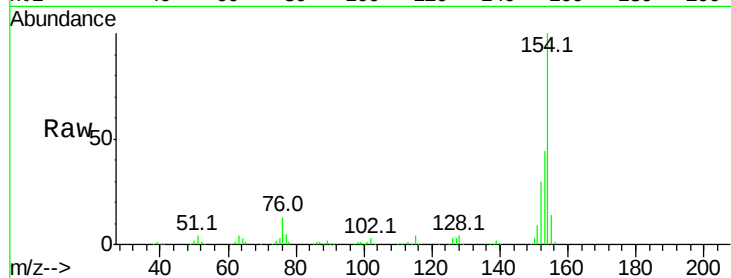
ClientSampleId :

40054(0-2)MSD

Tot Ion:	154	Resp:	230430
Ion Ratio	Lower	Upper	
154	100		
153	44.1	22.5	62.5
76	13.3	0.0	33.8

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#46

2-Chloronaphthalene

Concen: 41.33 ng

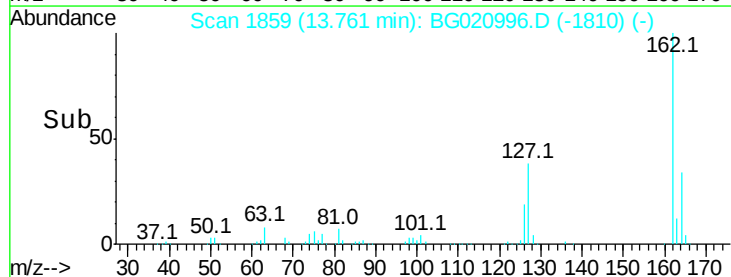
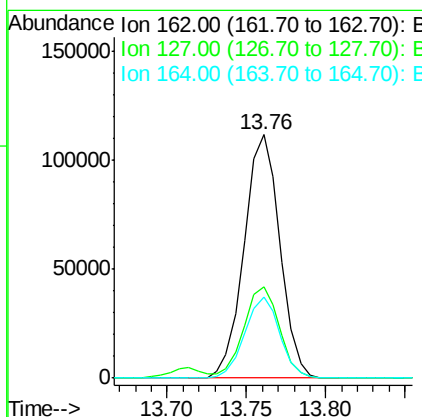
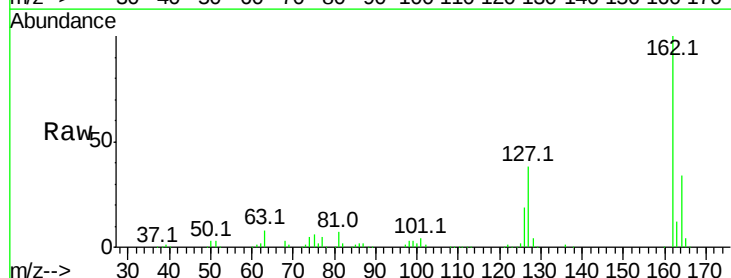
RT: 13.76 min Scan# 1859

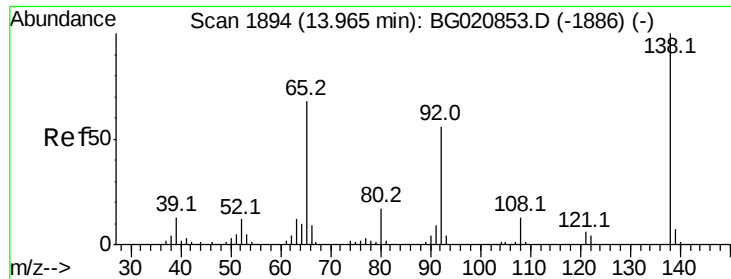
Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	162	Resp:	174704
Ion Ratio	Lower	Upper	
162	100		
127	37.5	30.6	45.8
164	33.5	26.8	40.2





#47

2-Nitroaniline

Concen: 47.23 ng

RT: 13.96 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

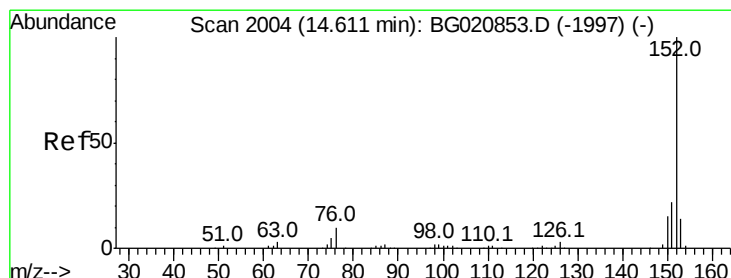
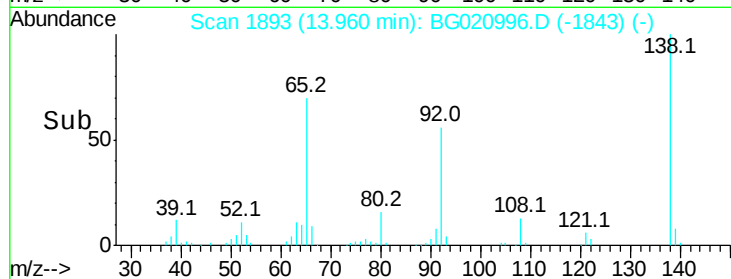
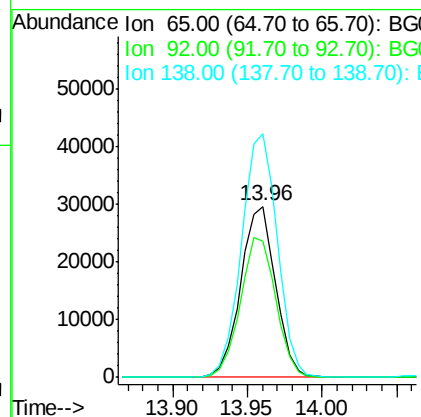
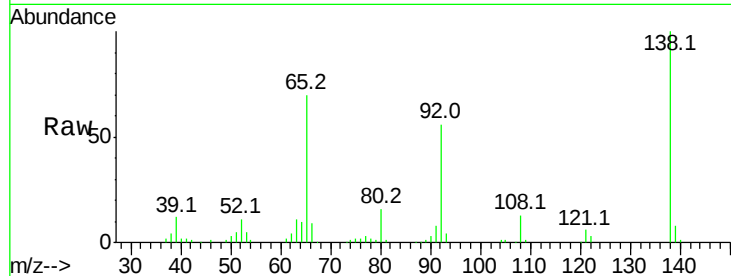
ClientSampleId :

40054(0-2)MSD

Tot Ion:	65	Resp:	47810
Ion Ratio	Lower	Upper	
65	100		
92	79.6	65.8	98.8
138	142.6	117.1	175.7

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#48

Acenaphthylene

Concen: 42.34 ng

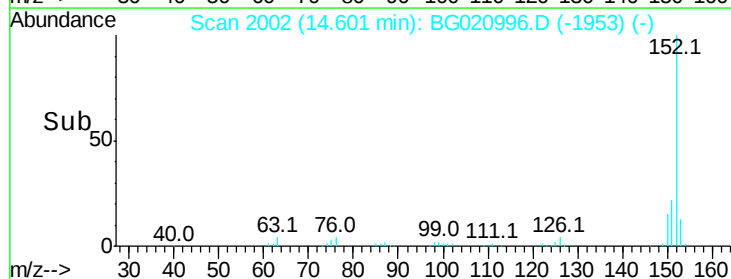
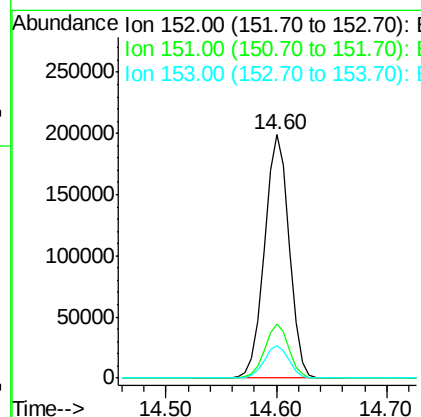
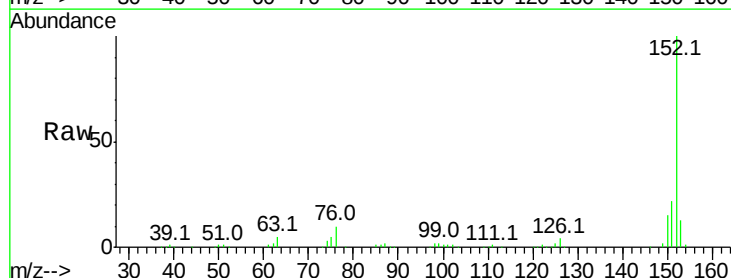
RT: 14.60 min Scan# 2002

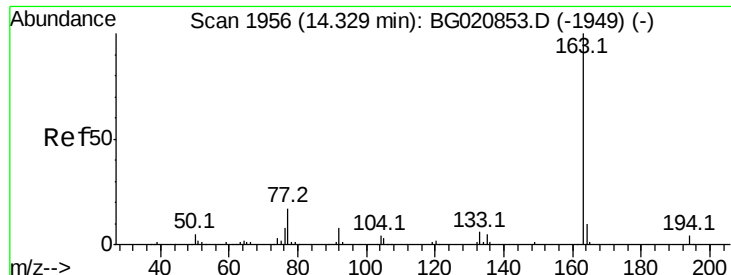
Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	152	Resp:	311191
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.5	26.3
153	13.1	10.9	16.3





#49

Dimethylphthalate

Concen: 59.25 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

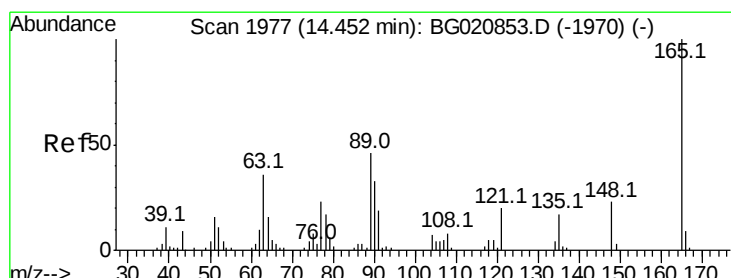
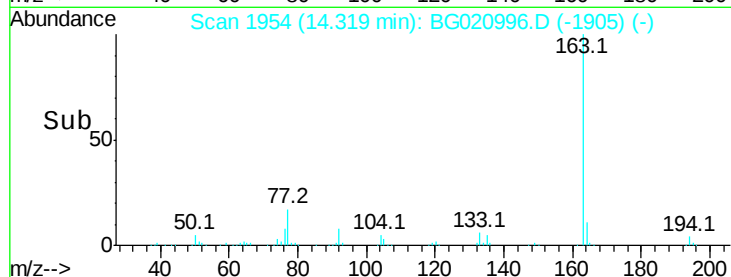
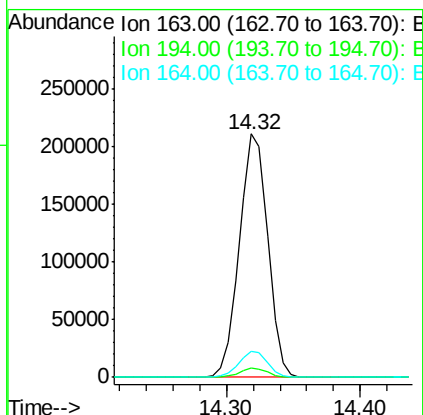
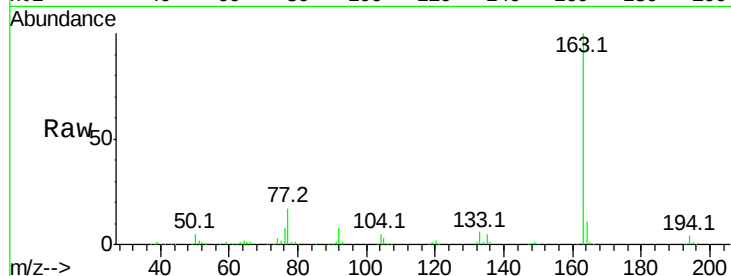
ClientSampleId :

40054(0-2)MSD

Tot Ion:	163	Resp:	310090
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.6	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 47.64 ng

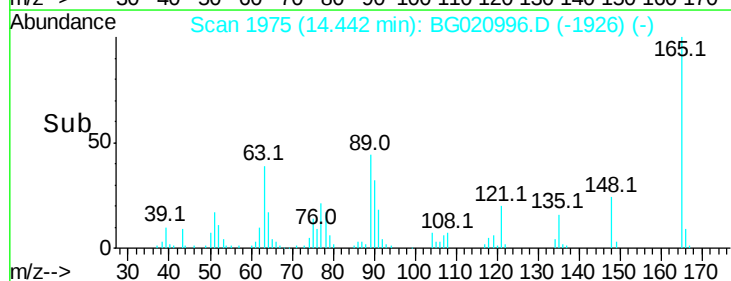
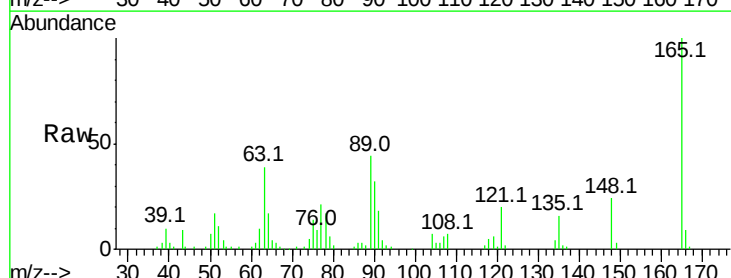
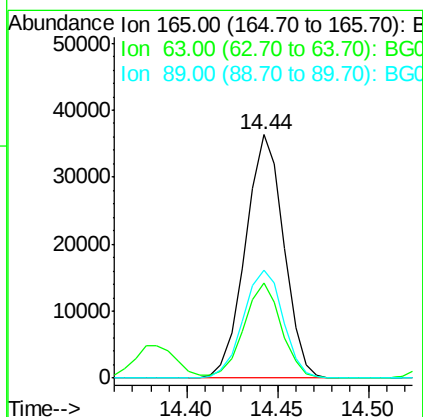
RT: 14.44 min Scan# 1975

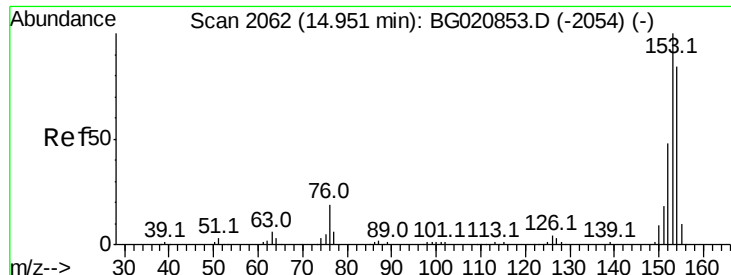
Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	165	Resp:	53423
Ion Ratio	Lower	Upper	
165	100		
63	39.1	30.3	45.5
89	44.3	36.9	55.3





#51

Acenaphthene

Concen: 42.69 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

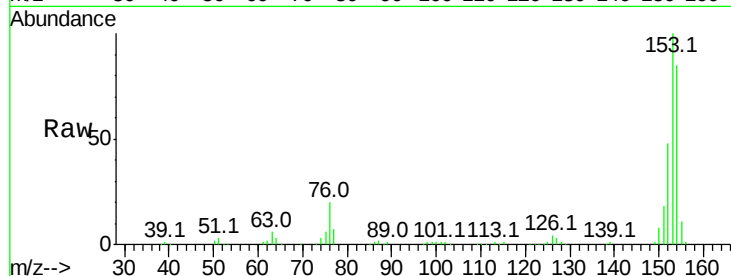
ClientSampleId :

40054(0-2)MSD

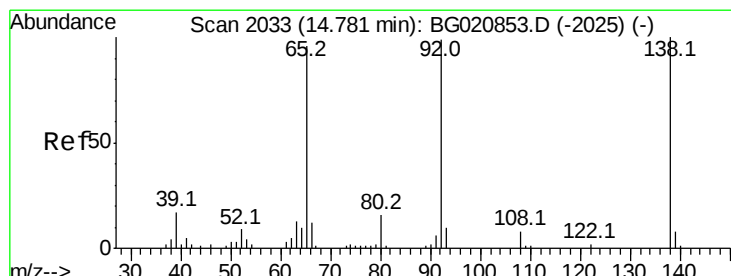
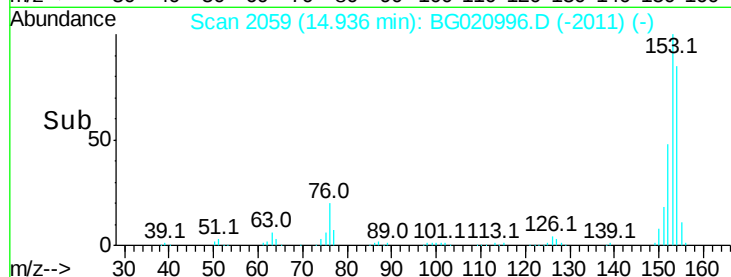
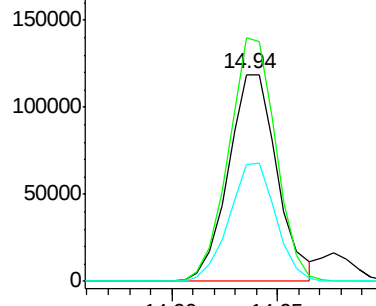
Tot Ion:	154	Resp:	190250
Ion Ratio	Lower	Upper	
154	100		
153	117.8	95.4	143.0
152	56.4	46.1	69.1

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



#52

3-Nitroaniline

Concen: 33.12 ng

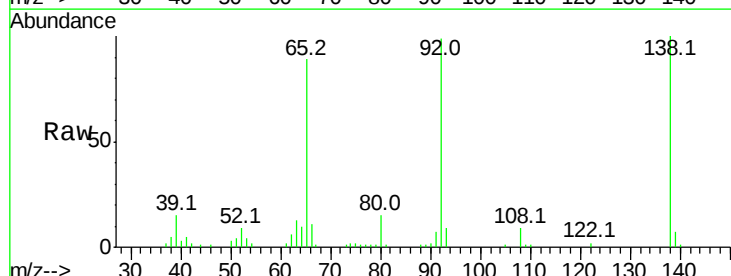
RT: 14.78 min Scan# 2032

Delta R.T. -0.00 min

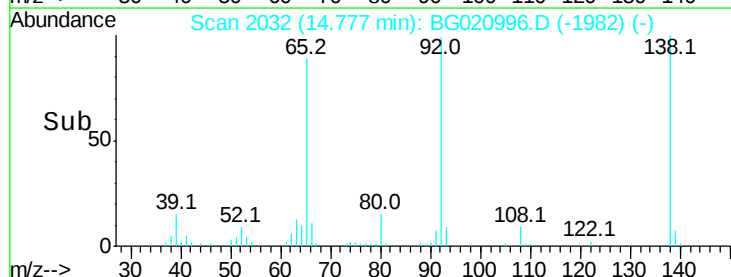
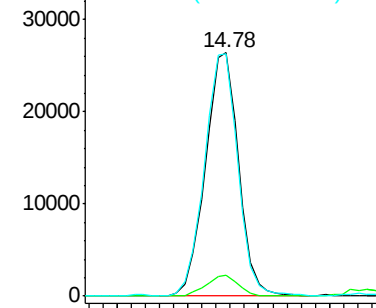
Lab File: BG020996.D

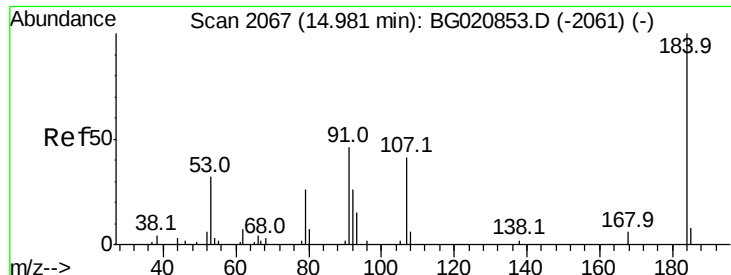
Acq: 20 Feb 2016 6:44

Tgt Ion:	138	Resp:	43155
Ion Ratio	Lower	Upper	
138	100		
108	8.6	6.2	9.2
92	99.5	79.5	119.3



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





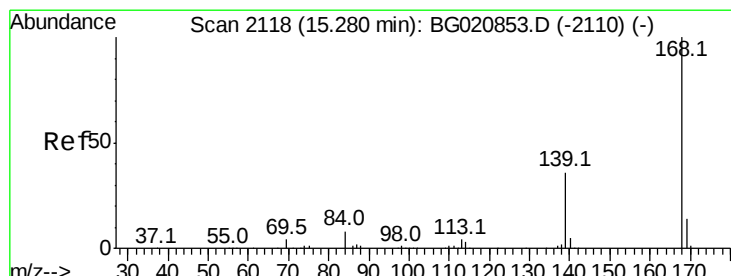
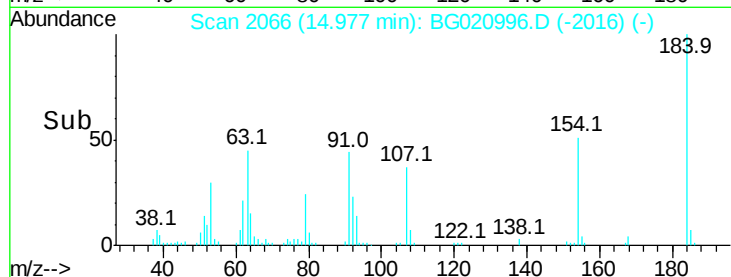
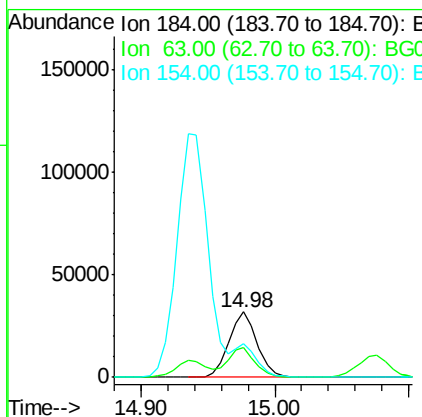
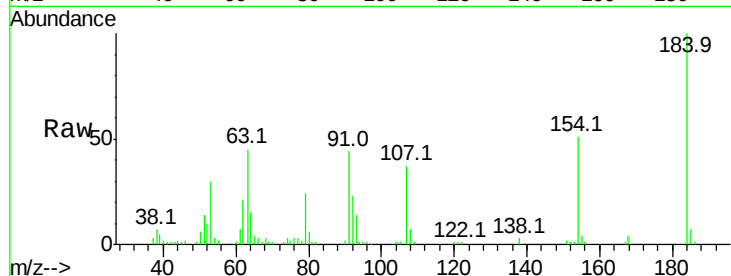
#53
 2,4-Dinitrophenol
 Concen: 97.03 ng
 RT: 14.98 min Scan# 2066
 Delta R.T. -0.00 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	45.1	39.8	59.6	
154	51.2	48.1	72.1	

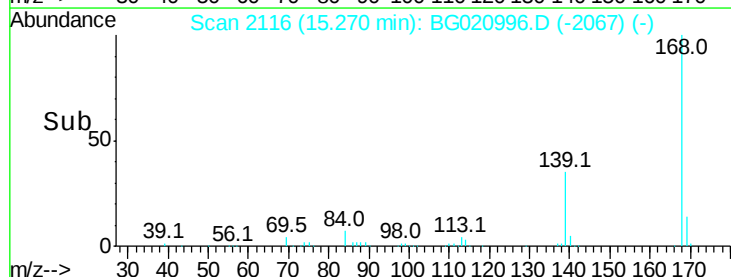
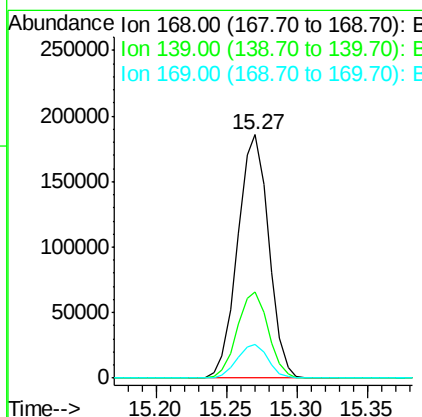
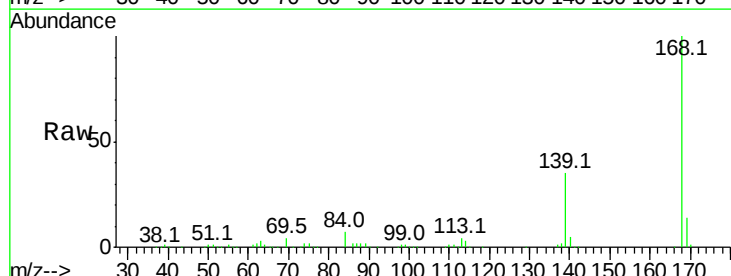
Manual Integrations
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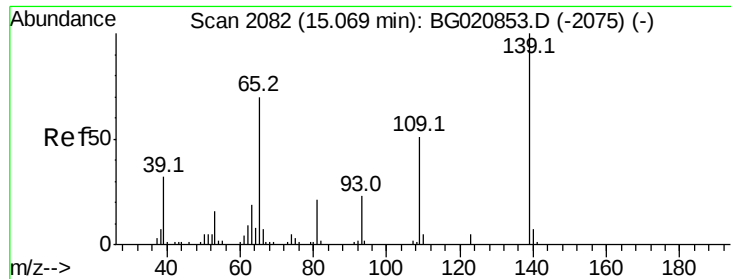
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#54
 Dibenzofuran
 Concen: 48.37 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.2	28.5	42.7	
169	13.6	11.0	16.4	





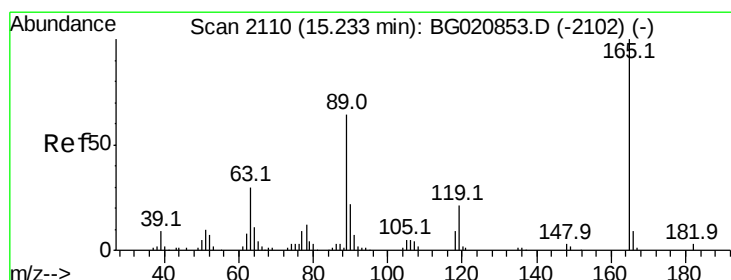
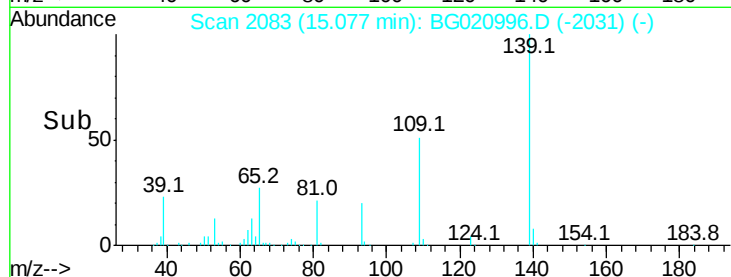
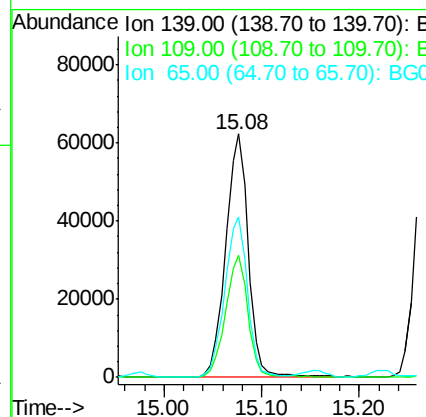
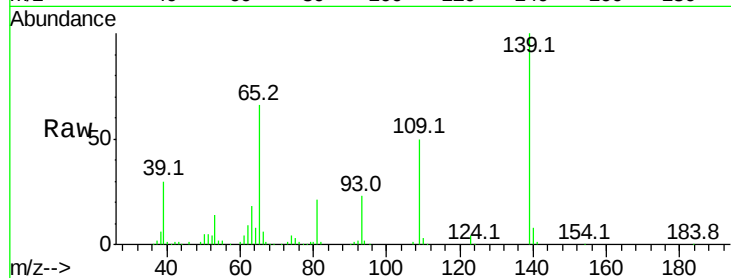
#55
4-Nitrophenol
Concen: 101.73 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	49.9	31.0	71.0	
65	65.7	49.6	89.6	

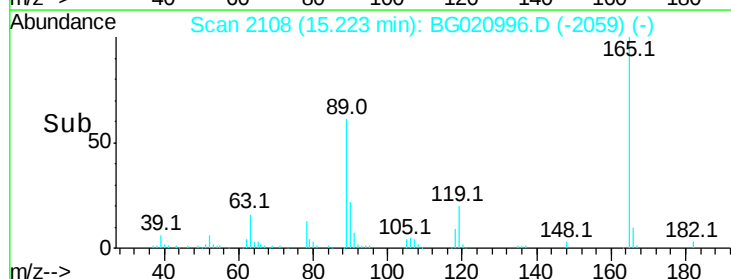
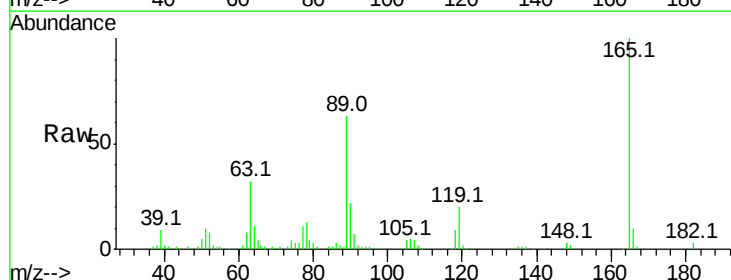
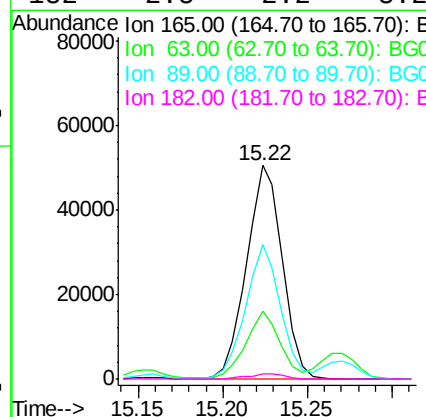
Manual Integrations
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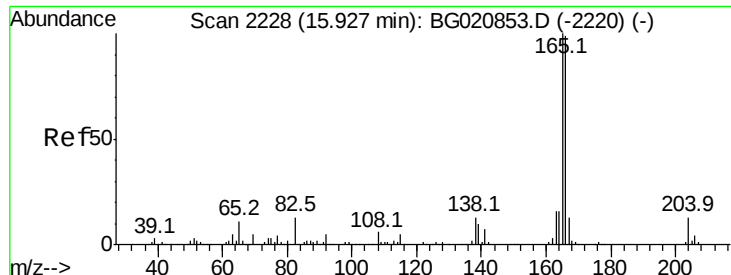
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#56
2,4-Dinitrotoluene
Concen: 51.19 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	31.8	23.7	35.5	
89	62.7	50.9	76.3	
182	2.5	2.2	3.2	





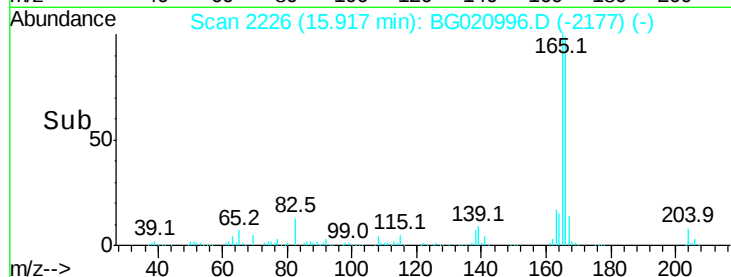
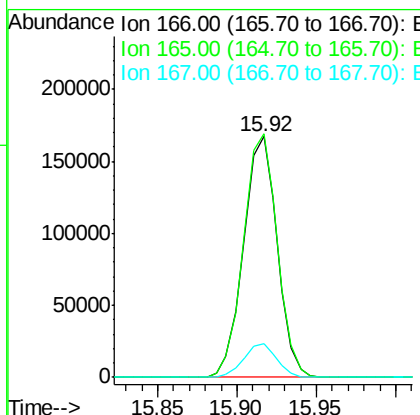
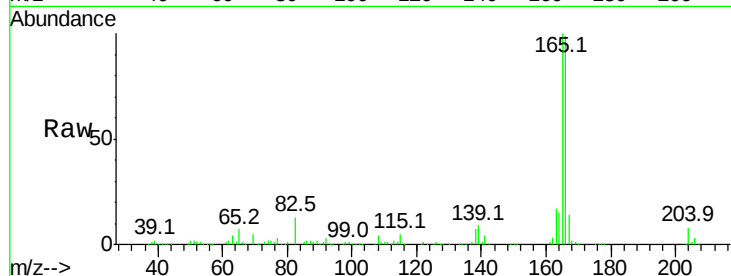
#57
Fluorene
 Concen: 45.31 ng
 RT: 15.92 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.3	81.0	121.4	
167	14.0	10.8	16.2	

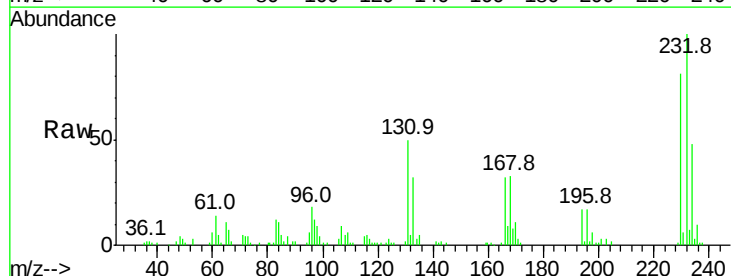
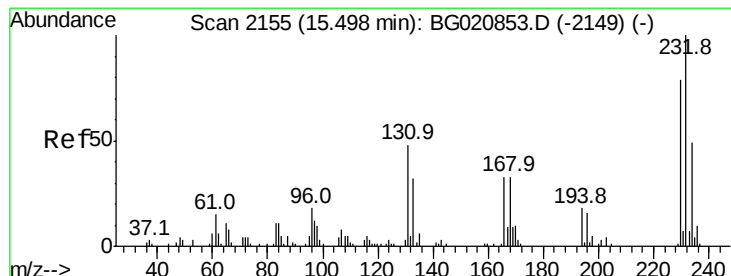
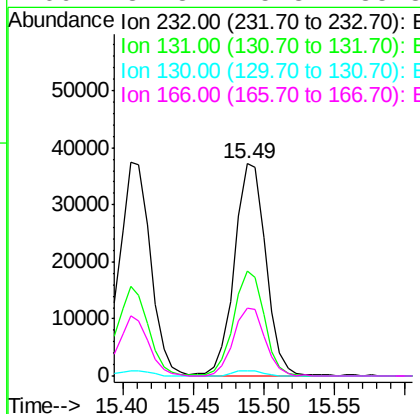
Manual Integrations
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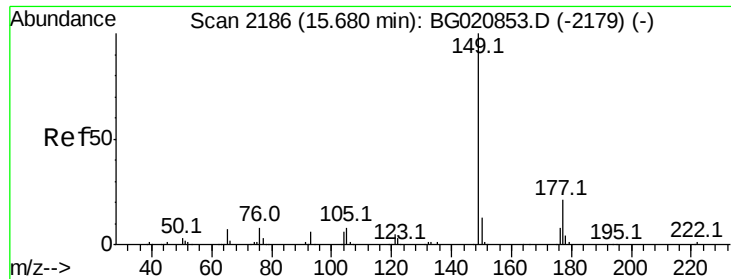
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.13 ng
 RT: 15.49 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.8	39.2	58.8	
130	2.2	2.0	3.0	
166	31.8	25.8	38.8	





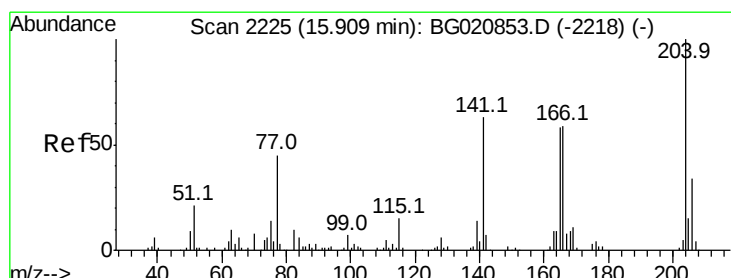
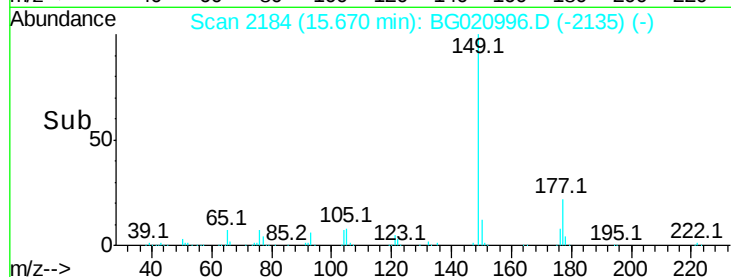
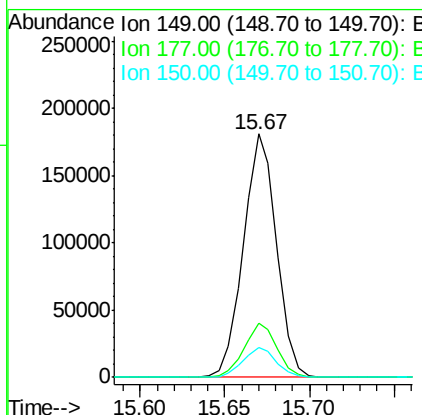
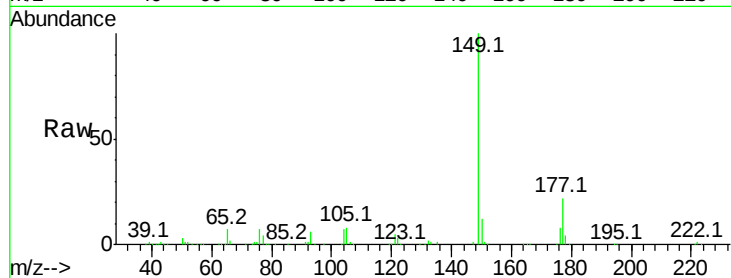
#59
Diethylphthalate
Concen: 45.75 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	22.3	16.9	25.3
150	12.4	10.1	15.1

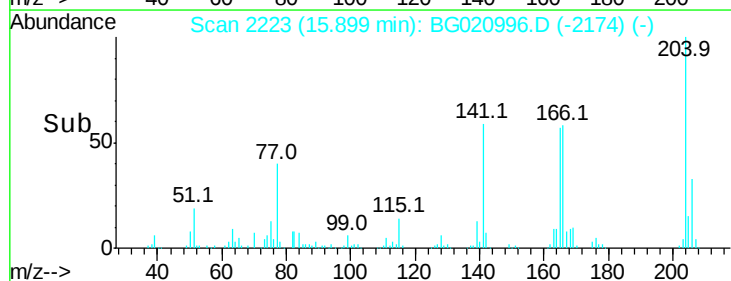
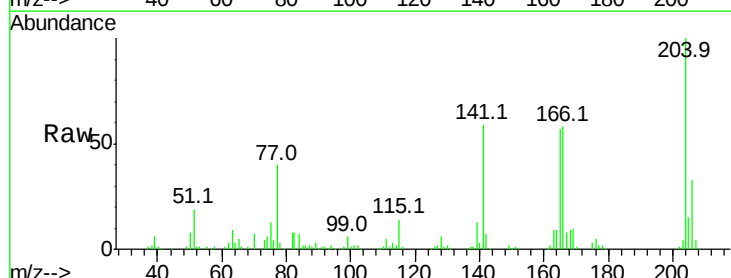
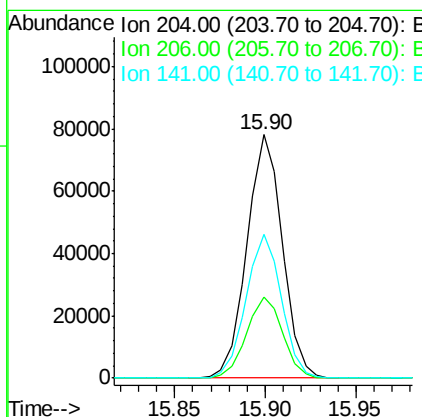
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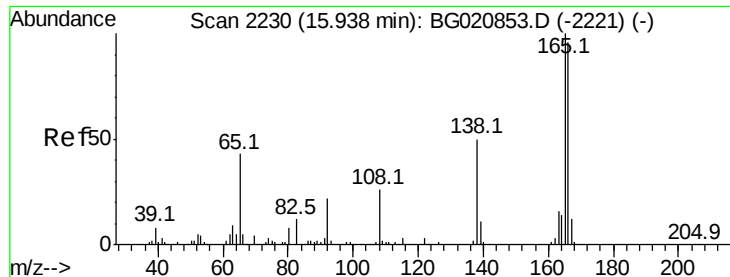
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#60
4-Chlorophenyl-phenylether
Concen: 44.18 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	33.4	26.9	40.3
141	58.9	50.3	75.5





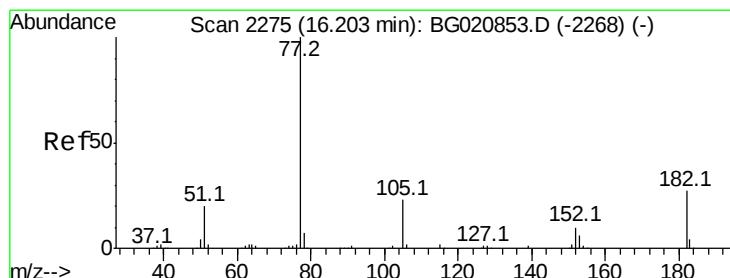
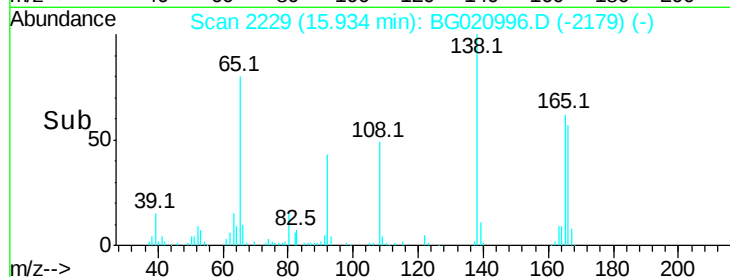
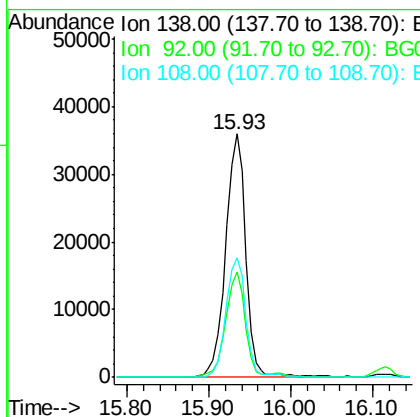
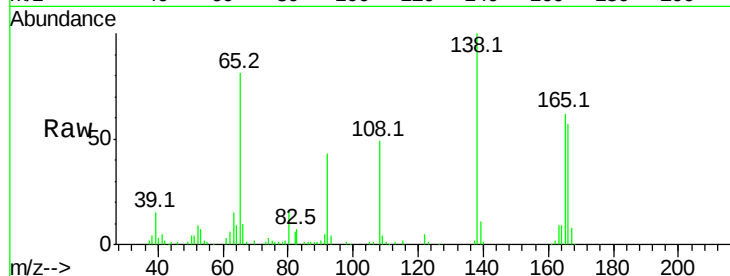
#61
4-Nitroaniline
Concen: 47.24 ng
RT: 15.93 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	43.5	24.1	64.1	
108	49.0	32.4	72.4	

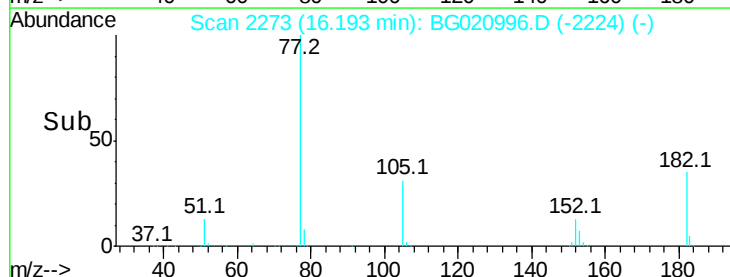
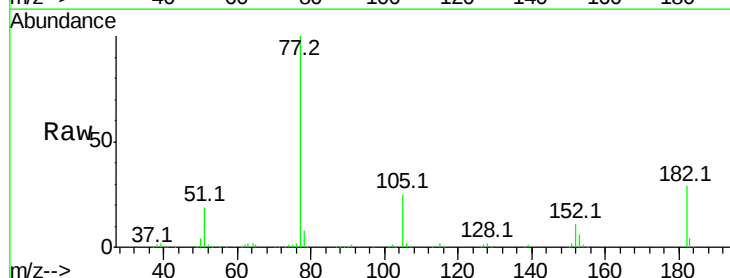
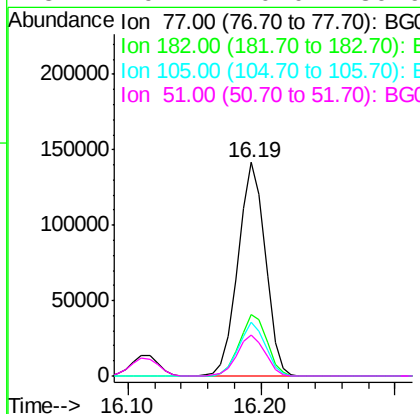
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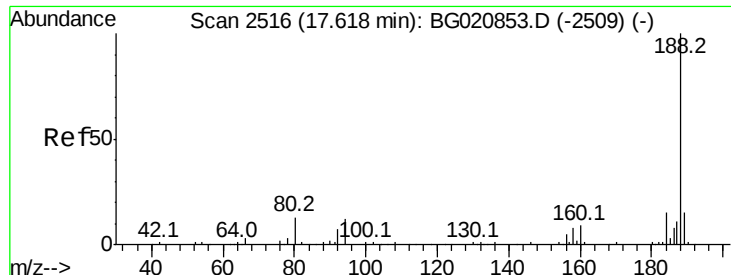
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#62
Azobenzene
Concen: 47.45 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.9	6.8	46.8	
105	25.3	3.4	43.4	
51	19.1	0.0	39.9	





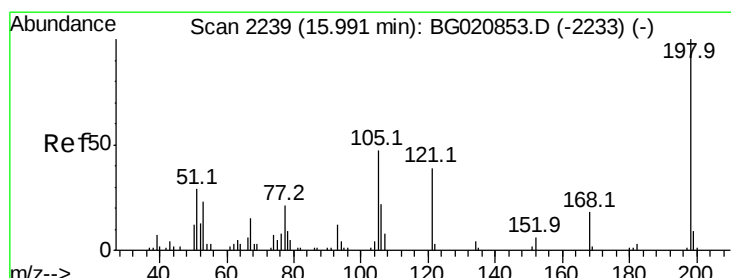
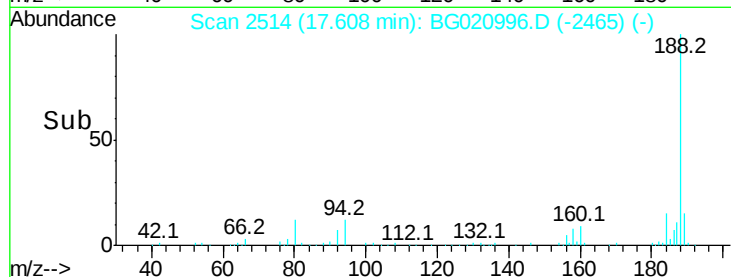
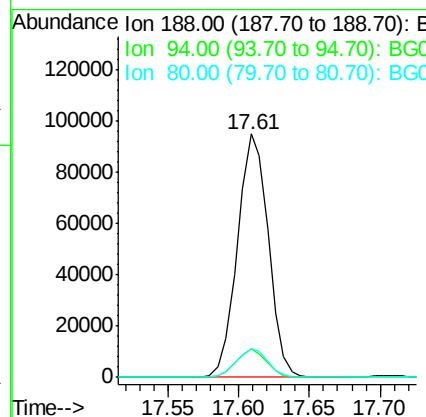
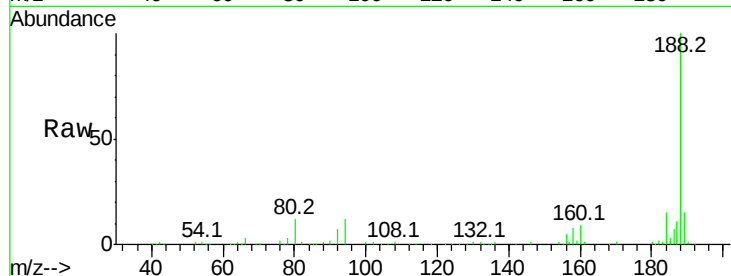
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.6	9.4	14.0
80	11.7	10.2	15.4

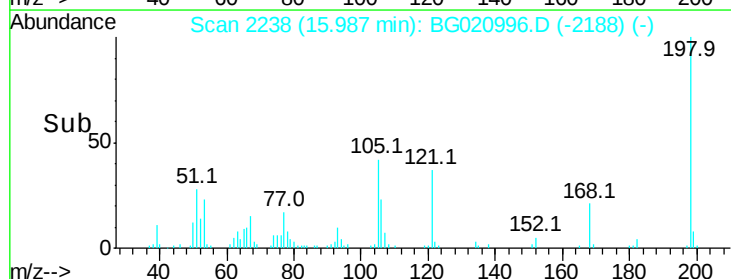
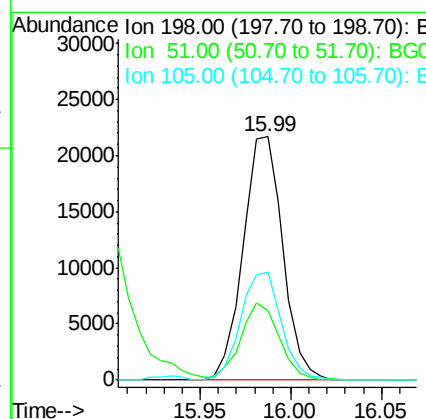
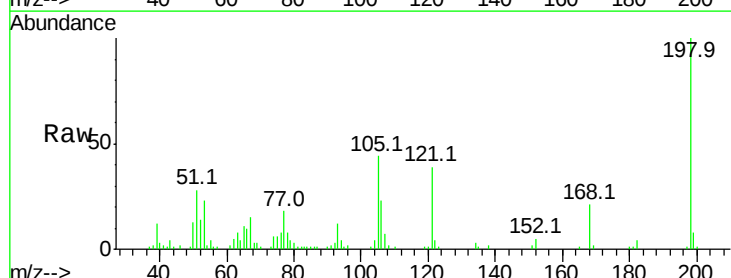
Manual Integrations
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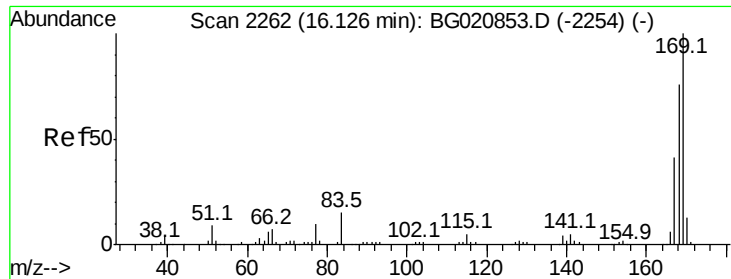
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.02 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	28.4	10.6	50.6
105	44.3	27.0	67.0





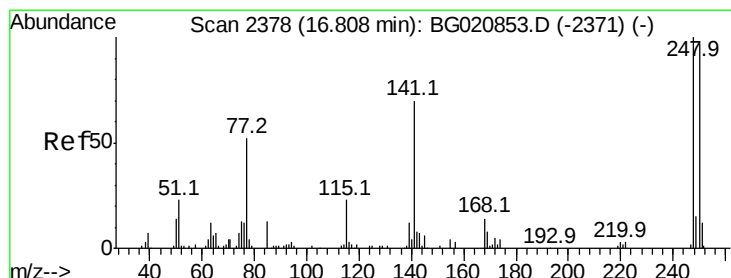
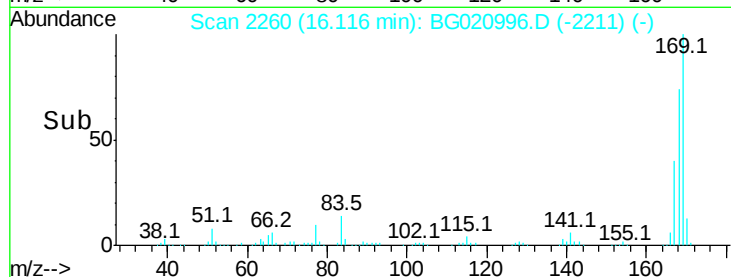
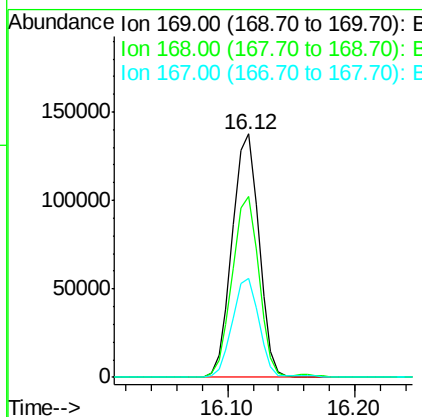
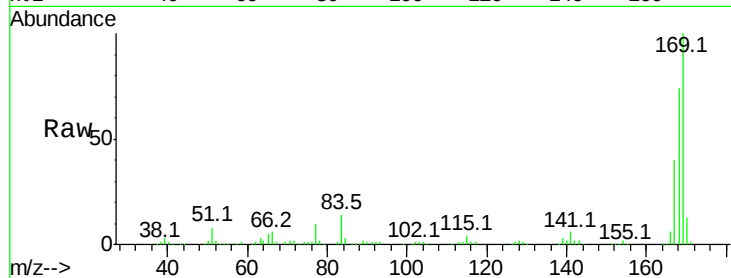
#65
 n-Nitrosodiphenylamine
 Concen: 42.86 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	200698		
168	74.5		60.7	91.1
167	40.5		32.8	49.2

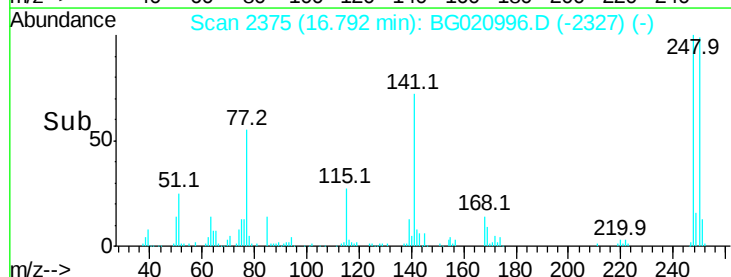
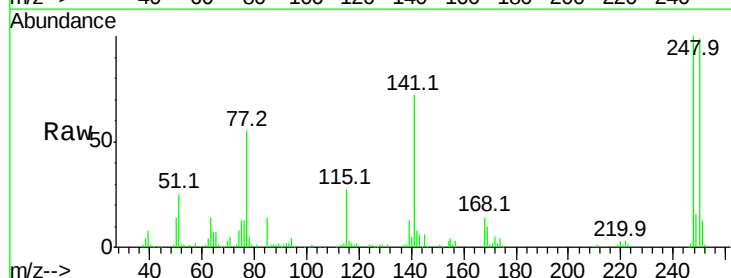
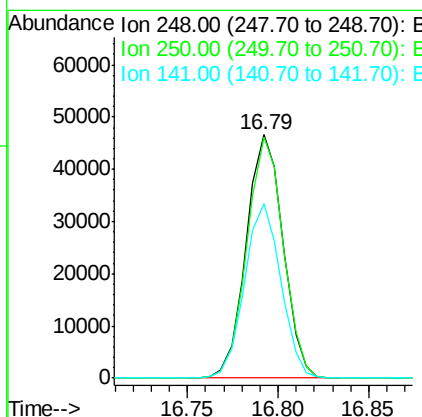
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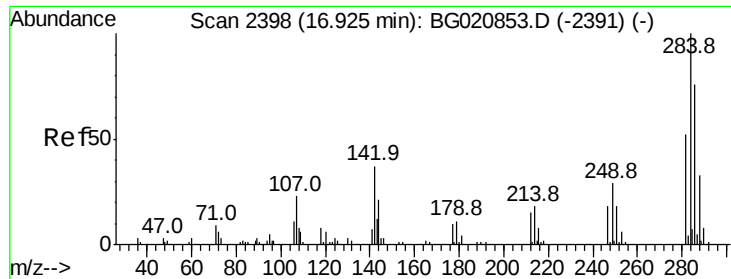
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#66
 4-Bromophenyl-phenylether
 Concen: 42.76 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	65455		
250	99.2		77.4	116.2
141	71.7		55.7	83.5





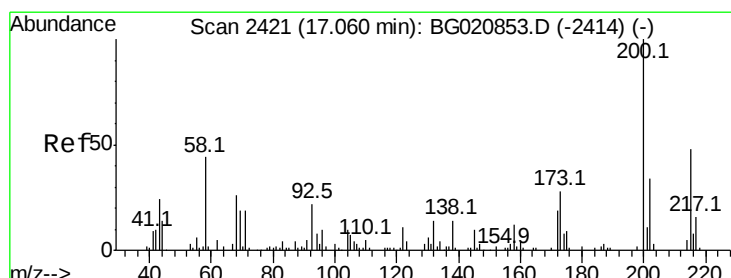
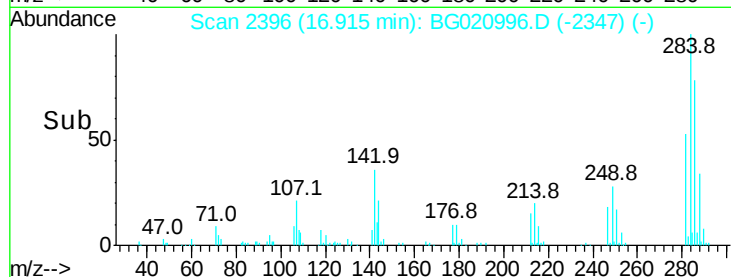
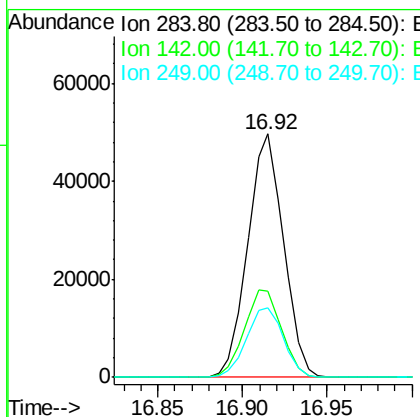
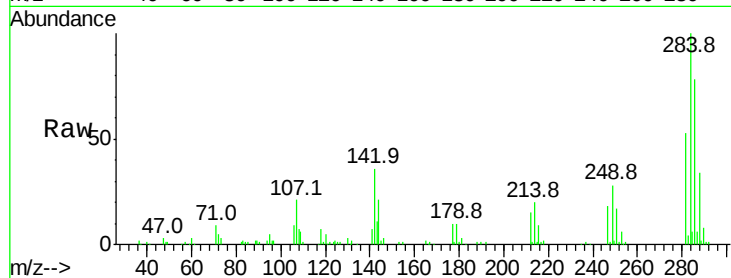
#67
Hexachlorobenzene
Concen: 44.87 ng
RT: 16.92 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	35.6	29.9	44.9
249	28.4	23.3	34.9

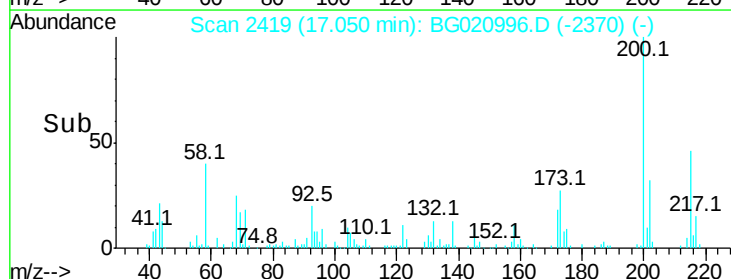
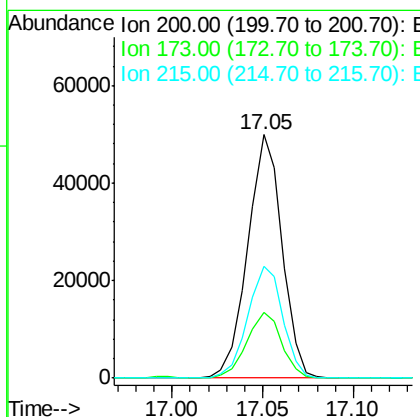
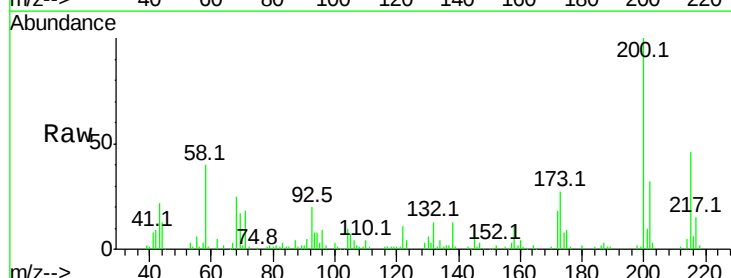
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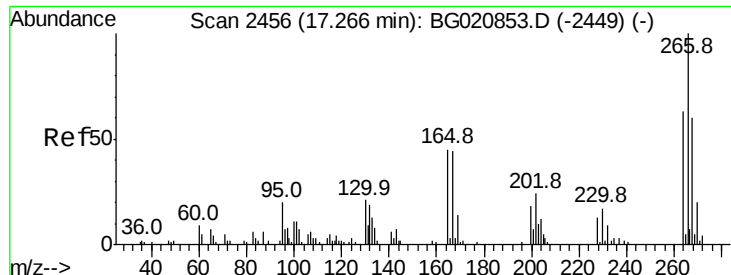
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#68
Atrazine
Concen: 46.08 ng
RT: 17.05 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	8.4	48.4
215	45.9	28.2	68.2





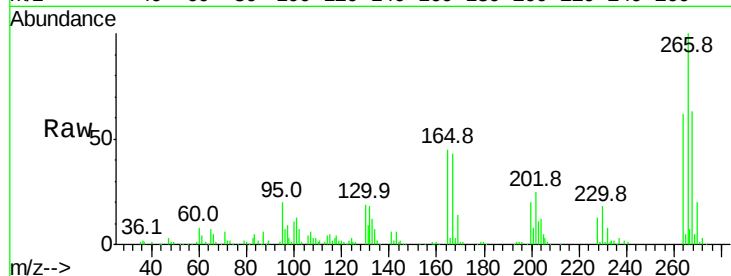
#69
 Pentachlorophenol
 Concen: 90.58 ng
 RT: 17.26 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

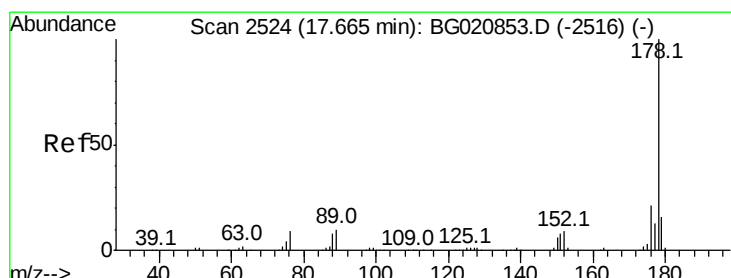
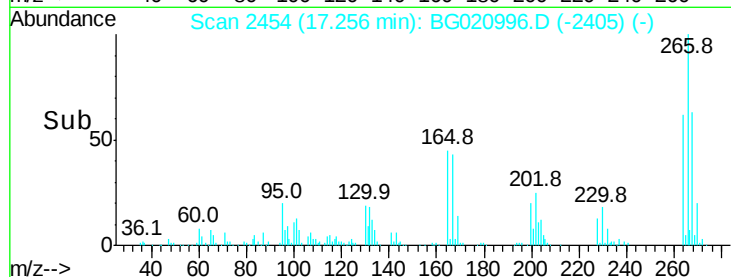
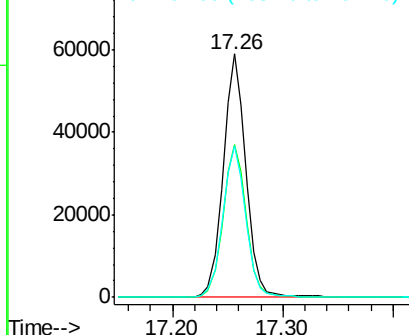
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.7	47.8	71.6	
264	62.3	50.2	75.4	

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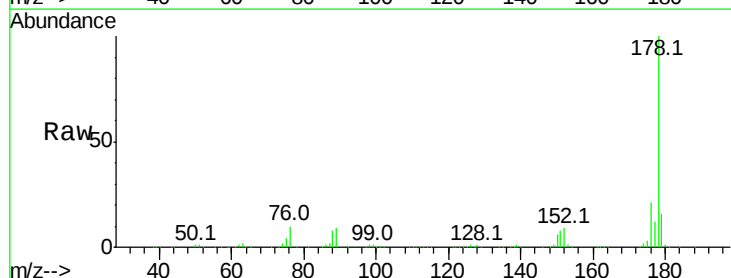


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

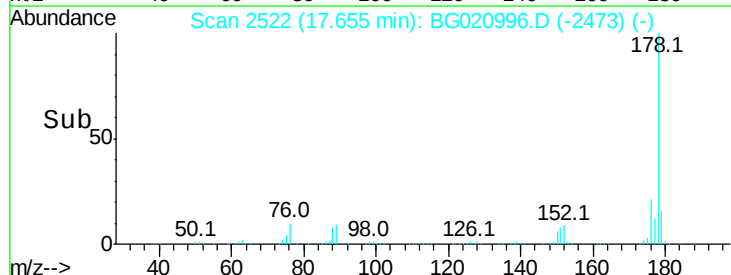
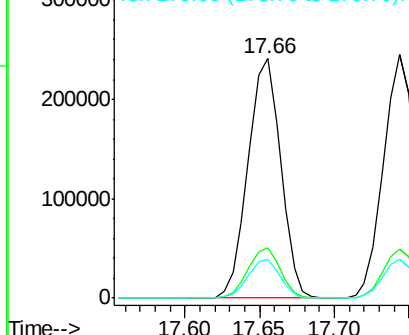


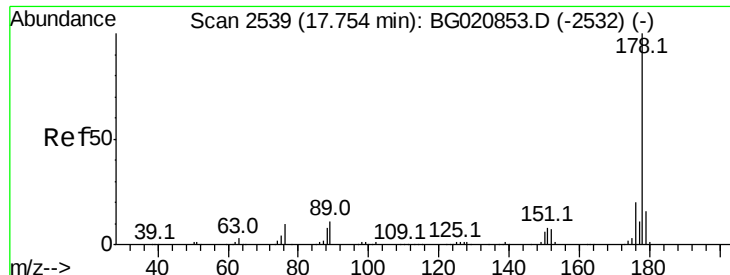
#70
 Phenanthrene
 Concen: 44.26 ng
 RT: 17.66 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.9	16.8	25.2	
179	16.3	12.6	19.0	



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





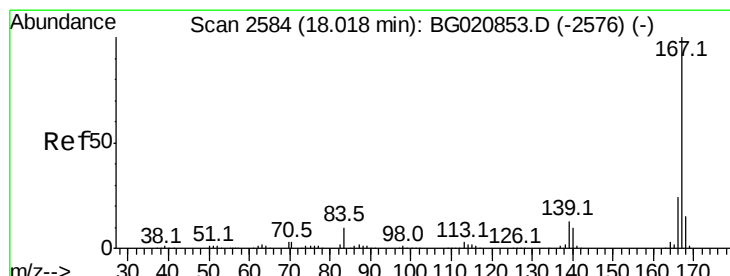
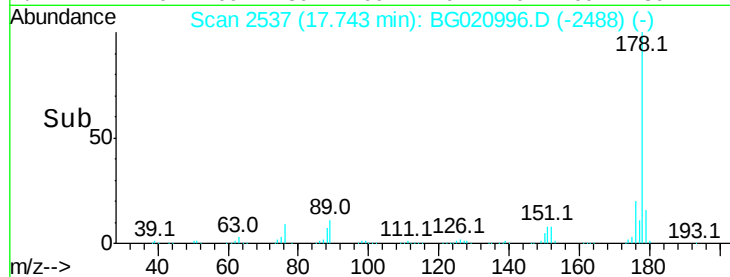
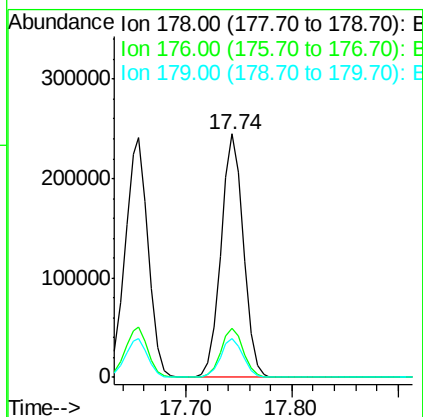
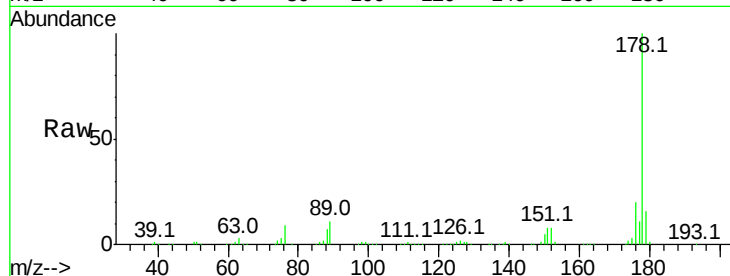
#71
 Anthracene
 Concen: 43.14 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.0	12.7	19.1

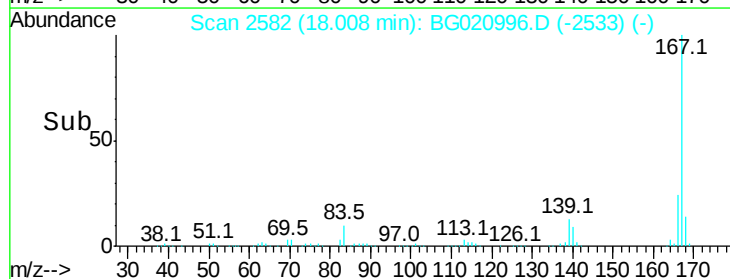
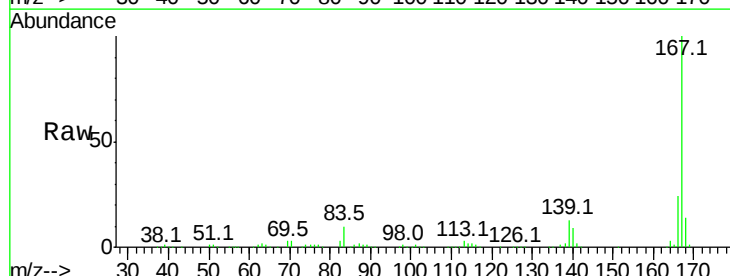
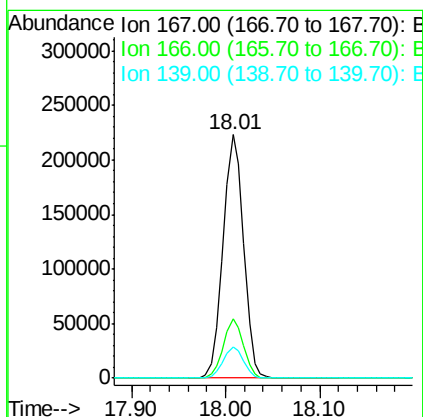
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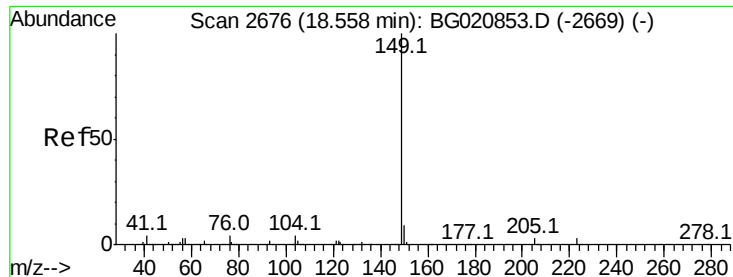
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#72
 Carbazole
 Concen: 45.24 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.3	28.9
139	12.9	10.2	15.4





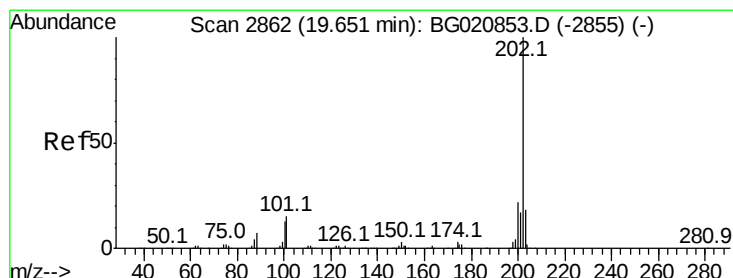
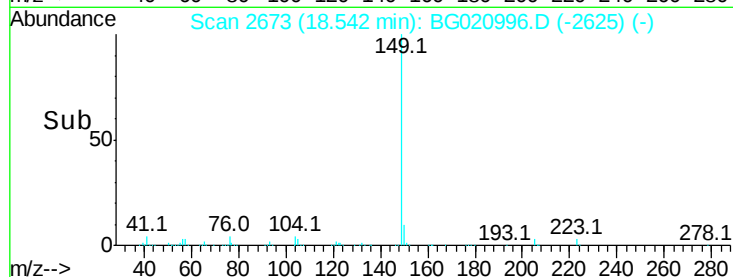
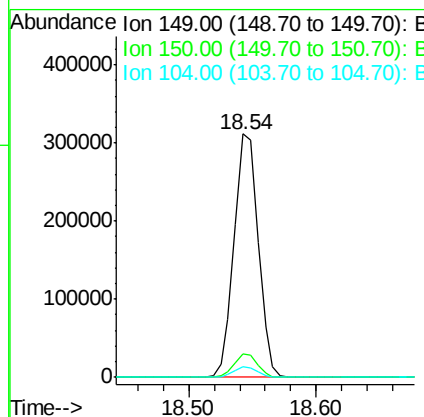
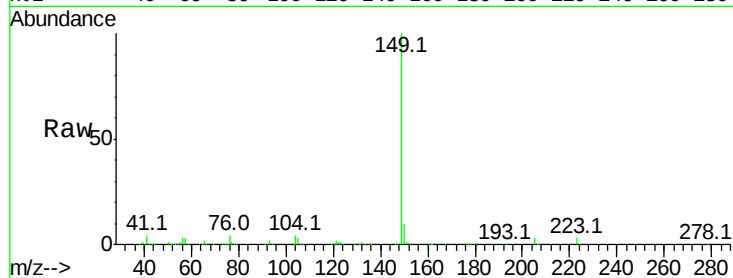
#73
Di-n-butylphthalate
Concen: 42.41 ng
RT: 18.54 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion:	149	Resp:	408763
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	4.3	3.4	5.0

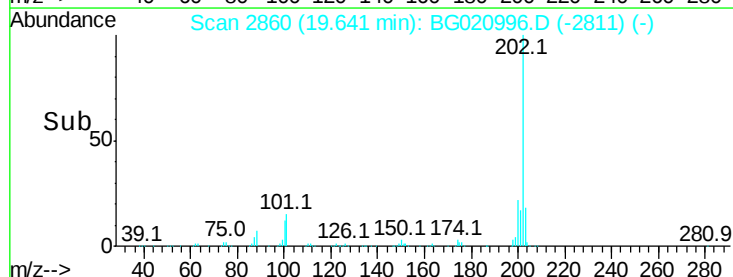
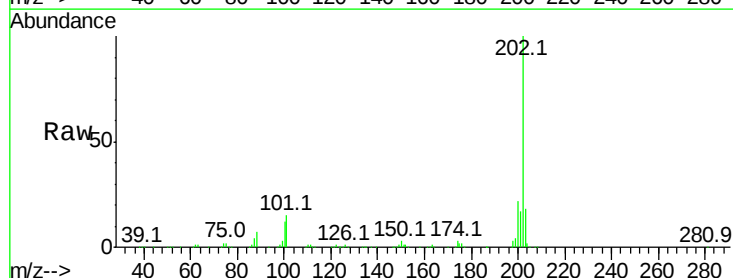
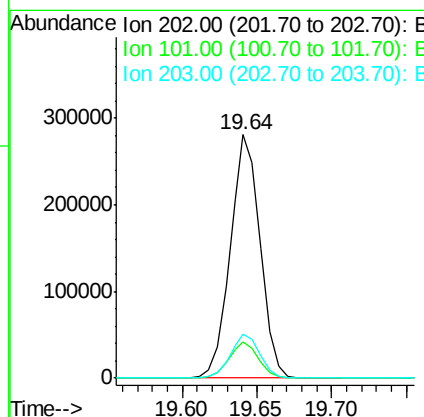
Manual Integrations
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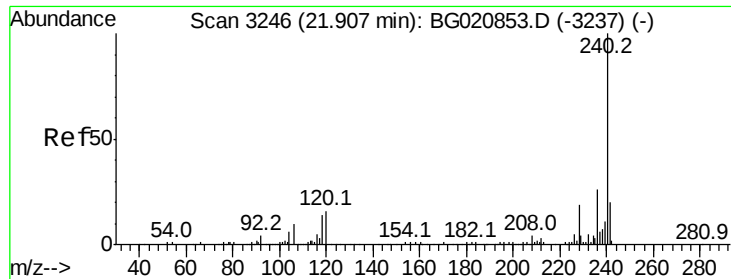
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#74
Fluoranthene
Concen: 43.81 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:	202	Resp:	390552
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	35.3
203	18.0	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: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

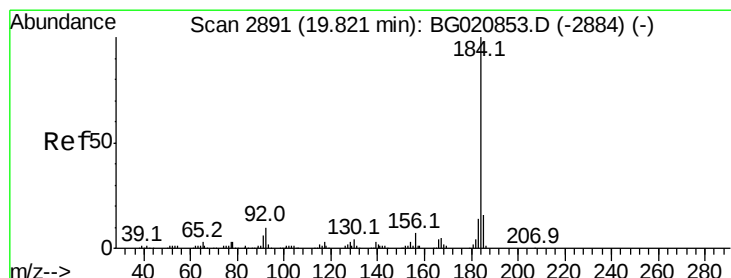
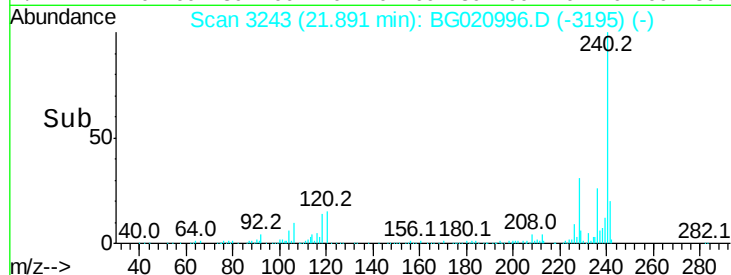
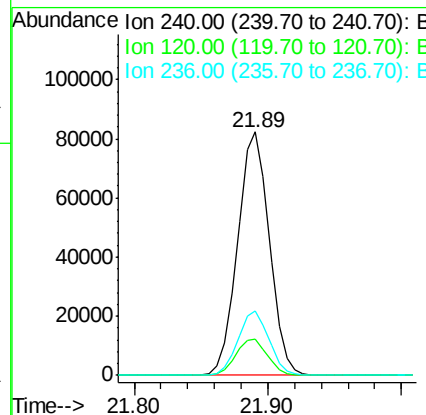
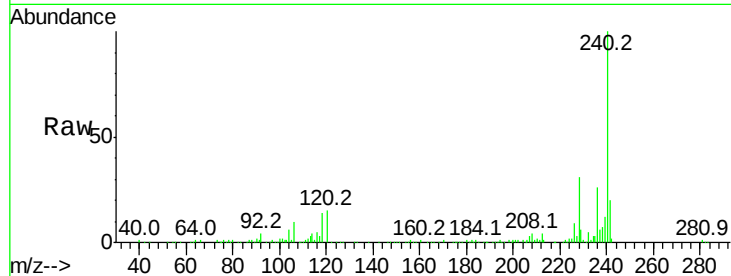
ClientSampleId :

40054(0-2)MSD

Tot Ion:	240	Resp:	135648
Ion Ratio	Lower	Upper	
240	100		
120	14.7	13.0	19.4
236	26.4	21.0	31.4

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#76

Benzidine

Concen: 3.19 ng

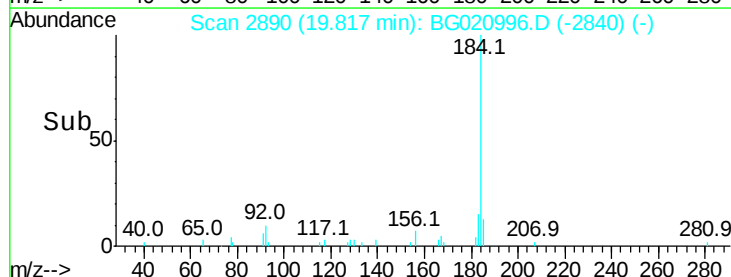
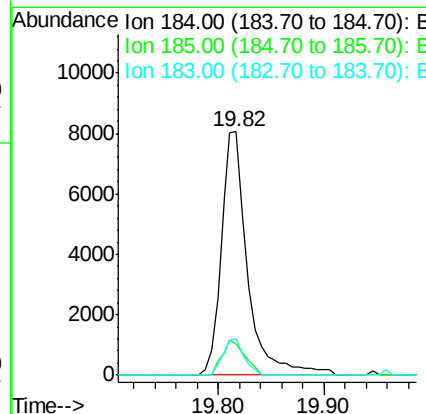
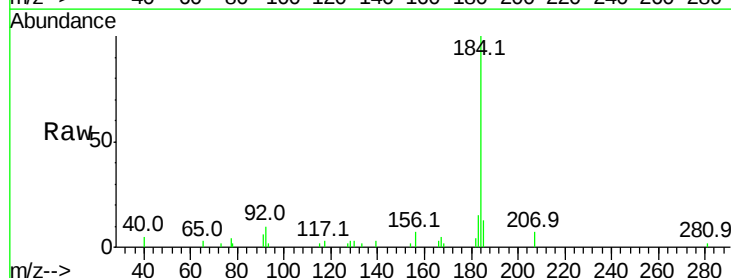
RT: 19.82 min Scan# 2890

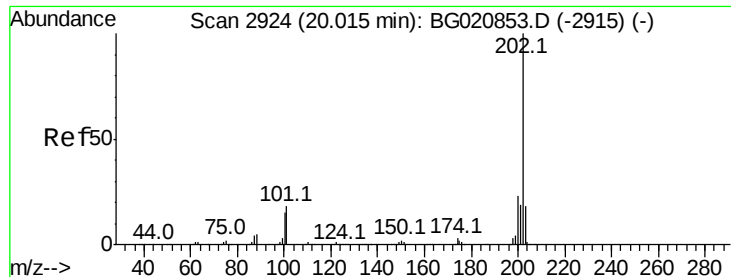
Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	184	Resp:	13977
Ion Ratio	Lower	Upper	
184	100		
185	12.7	12.6	19.0
183	14.6	11.0	16.4





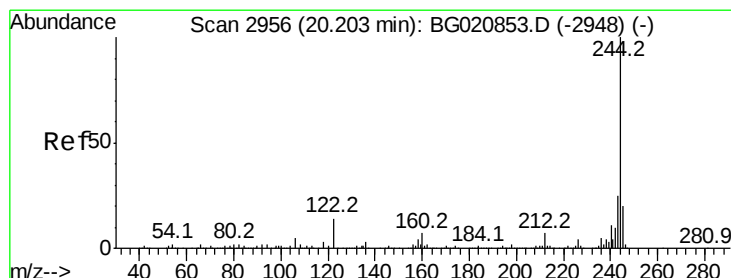
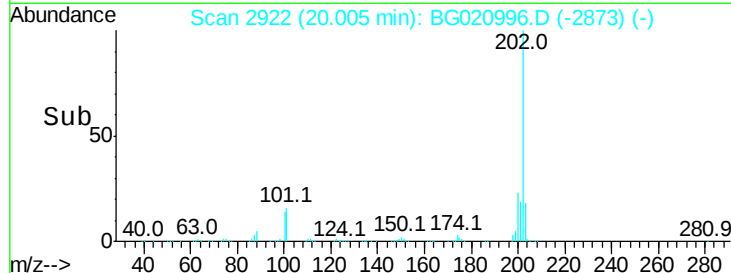
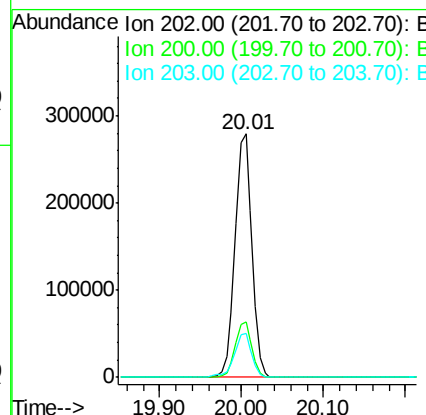
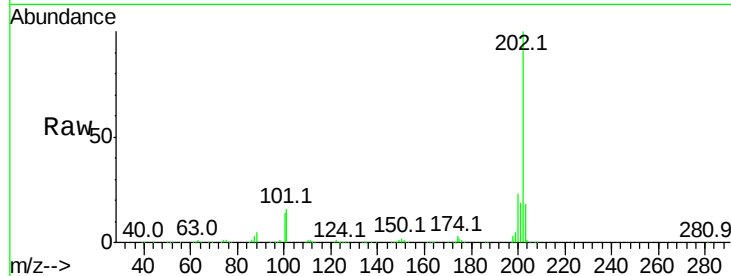
#77
Pvrene
Concen: 44.94 ng
RT: 20.01 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.7	18.5	27.7
203	18.2	14.3	21.5

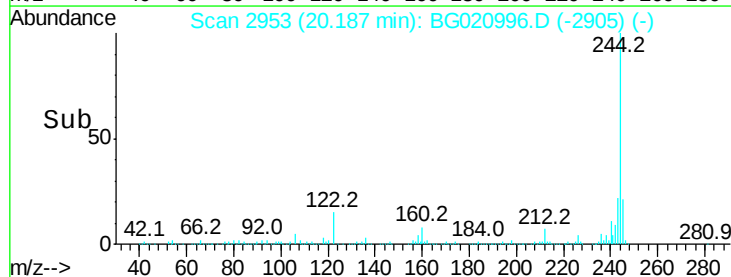
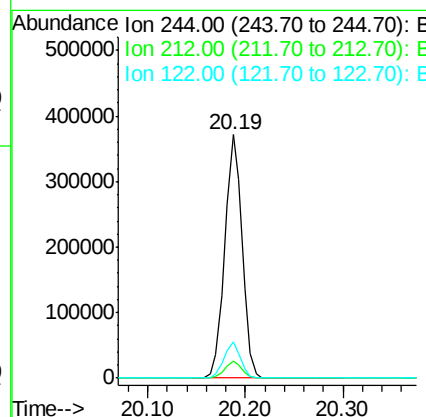
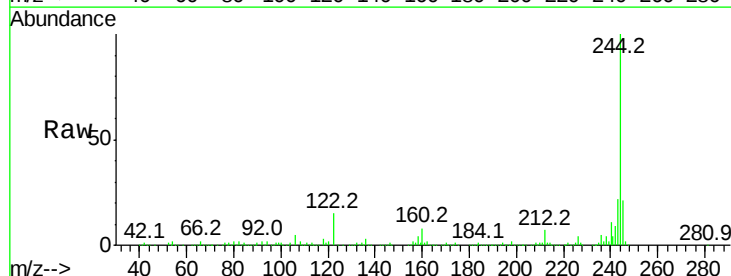
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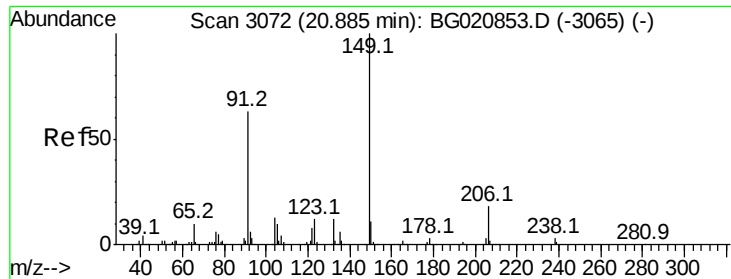
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#78
Terphenyl-d14
Concen: 78.63 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.5	8.3
122	14.9	11.4	17.2





#79

Butylbenzylphthalate

Concen: 43.65 ng

RT: 20.87 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

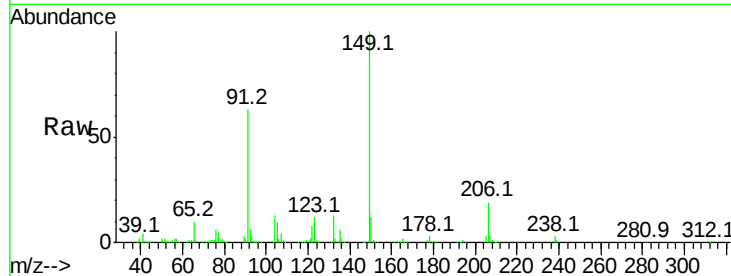
ClientSampleId :

40054(0-2)MSD

Tot Ion:	149	Resp:	186979
Ion Ratio	Lower	Upper	
149	100		
91	63.3	50.6	76.0
206	19.2	14.6	22.0

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.87

150000

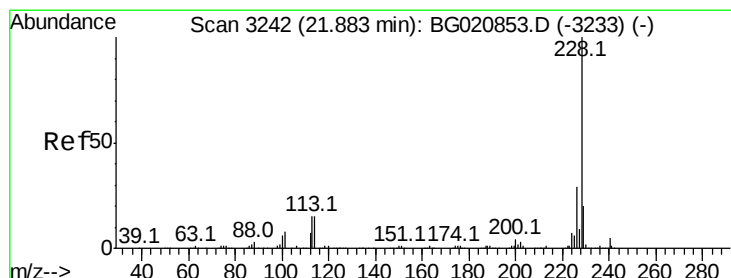
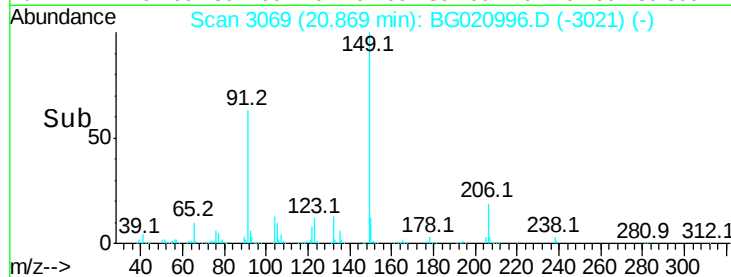
100000

50000

0

20.80 20.85 20.90

Time-->



#80

Benzo(a)anthracene

Concen: 44.24 ng

RT: 21.87 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	228	Resp:	358239
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.1	34.7
229	20.7	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.87

250000

200000

150000

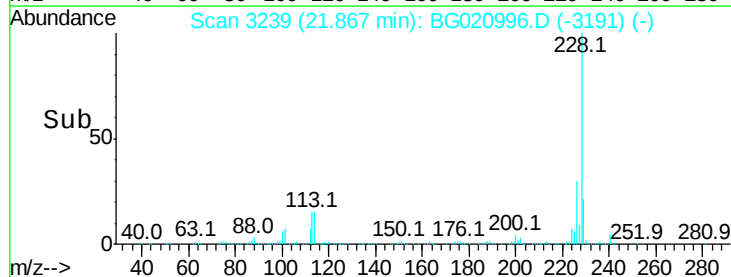
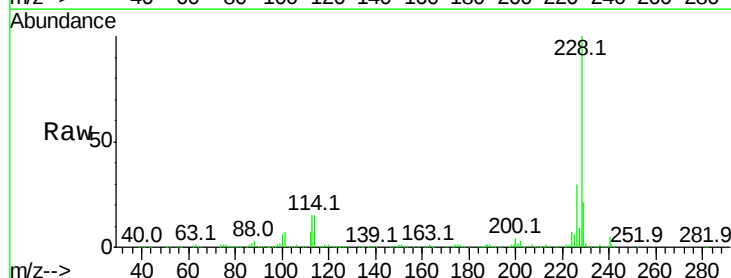
100000

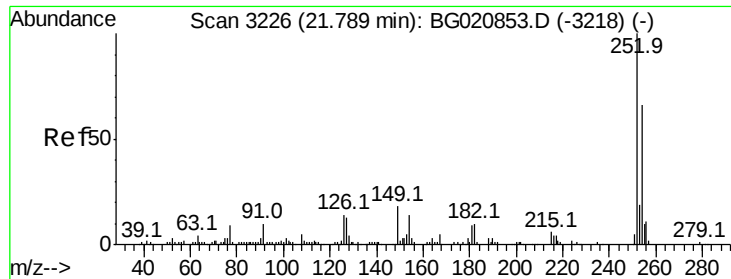
50000

0

21.80 21.85 21.90

Time-->





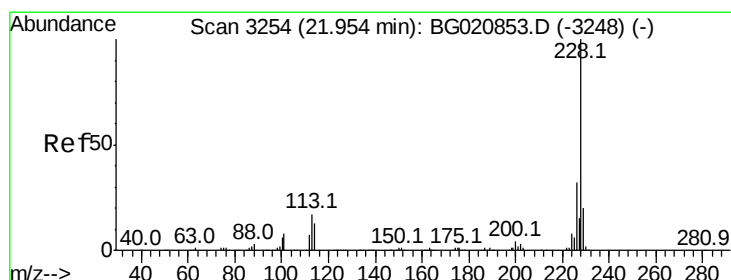
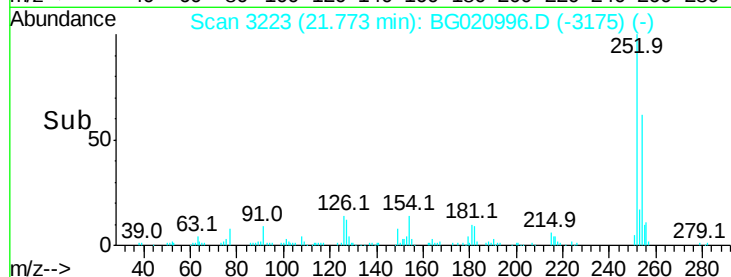
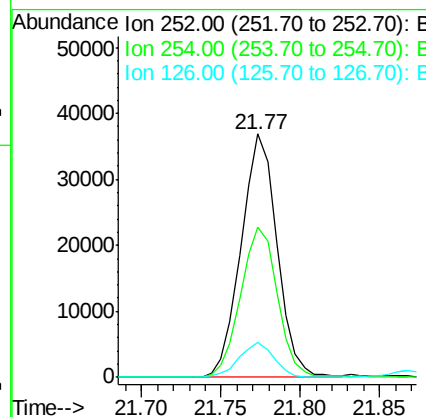
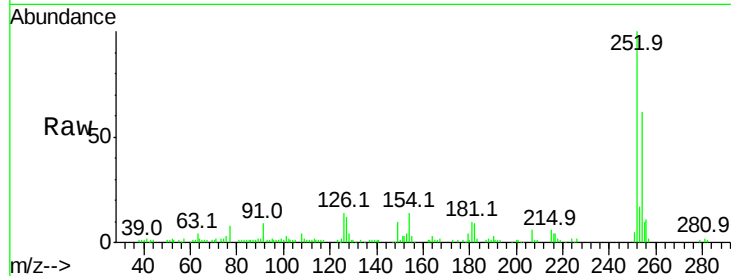
#81
 3,3'-Dichlorobenzidine
 Concen: 19.36 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion:	252	Resp:	58187
Ion Ratio		Lower	Upper
252	100		
254	61.6	52.8	79.2
126	14.2	11.1	16.7

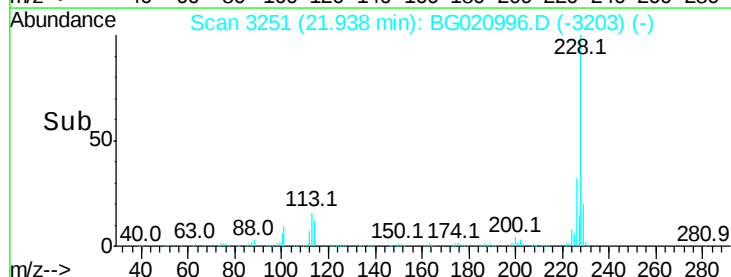
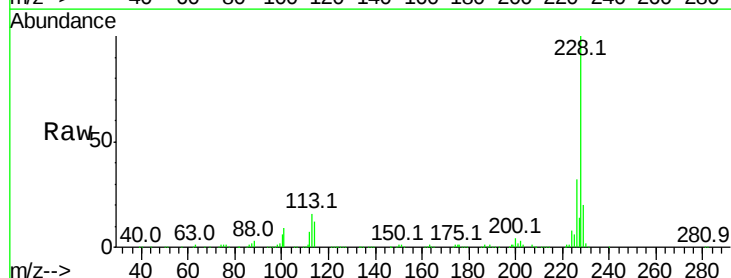
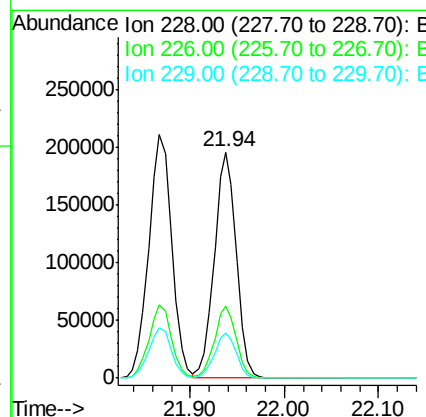
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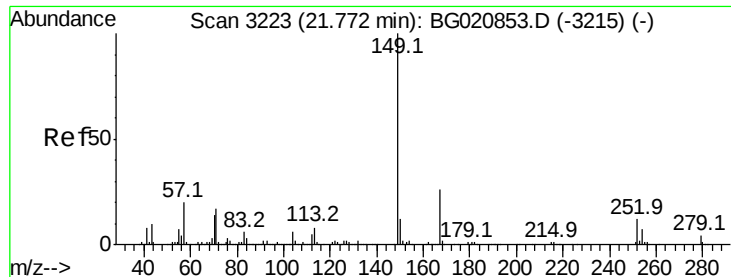
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#82
 Chrysene
 Concen: 41.84 ng
 RT: 21.94 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:	228	Resp:	318623
Ion Ratio		Lower	Upper
228	100		
226	31.9	25.3	37.9
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.75 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

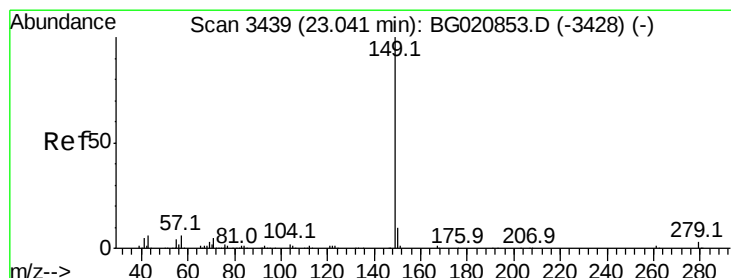
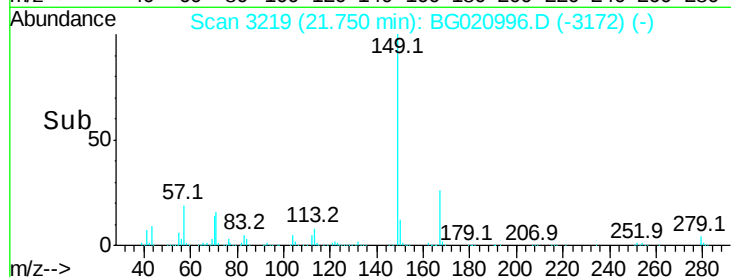
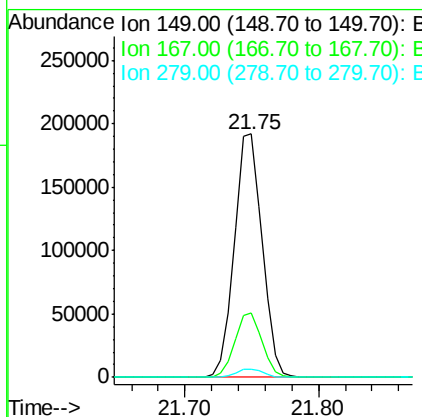
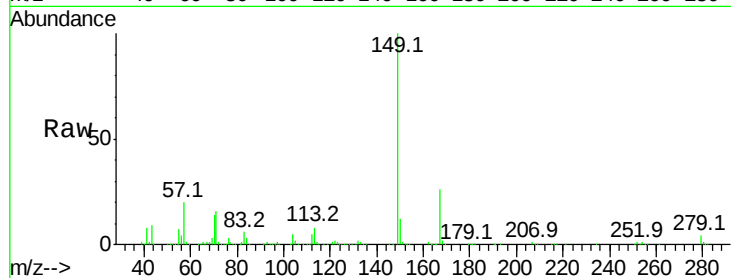
ClientSampleId :

40054(0-2)MSD

Tot Ion:	149	Resp:	277875
Ion Ratio		Lower	Upper
149	100		
167	26.4	20.9	31.3
279	3.6	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 44.93 ng

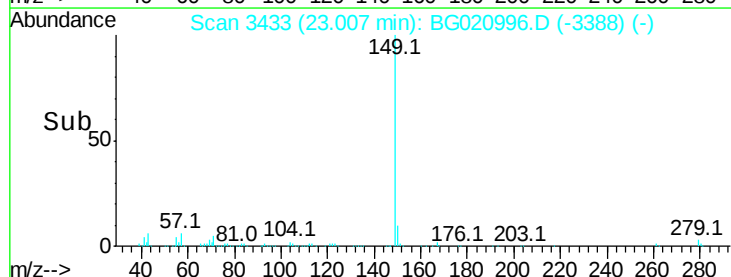
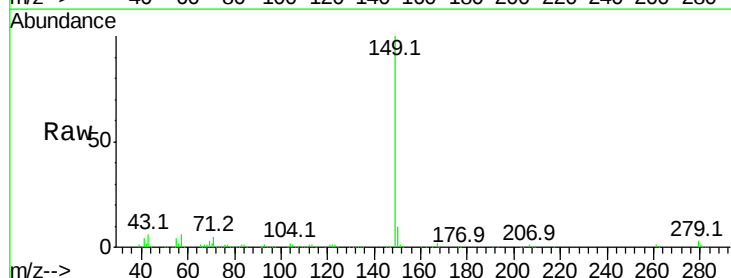
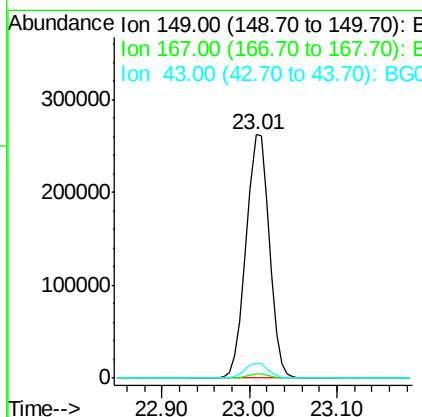
RT: 23.01 min Scan# 3433

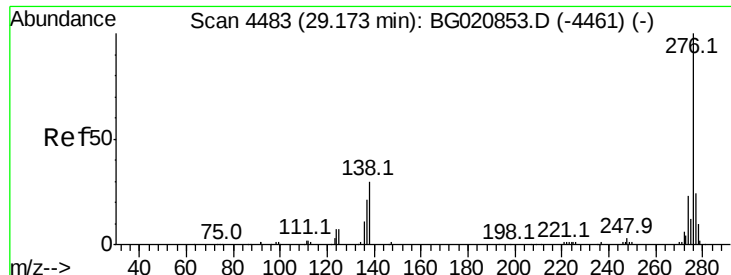
Delta R.T. -0.03 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	149	Resp:	468435
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	6.2	5.1	7.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.38 ng

RT: 29.12 min Scan# 4474

Delta R.T. -0.05 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

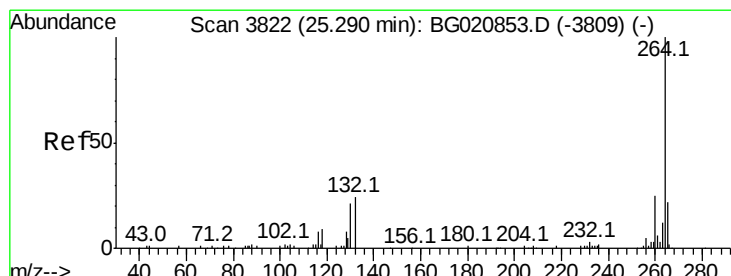
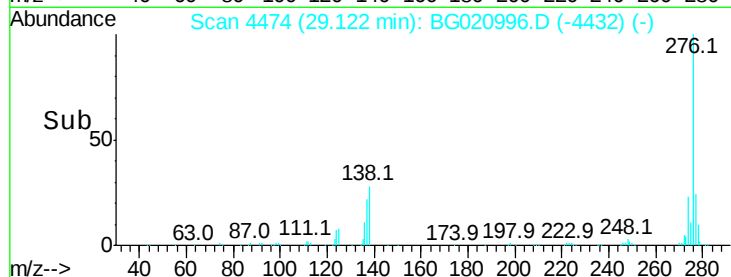
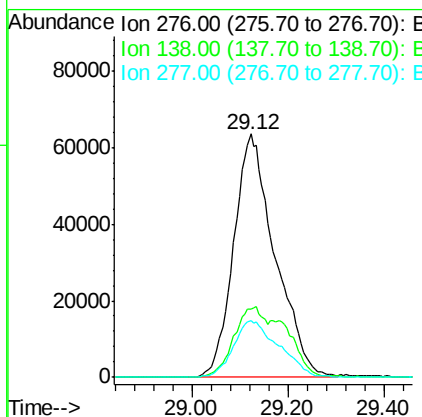
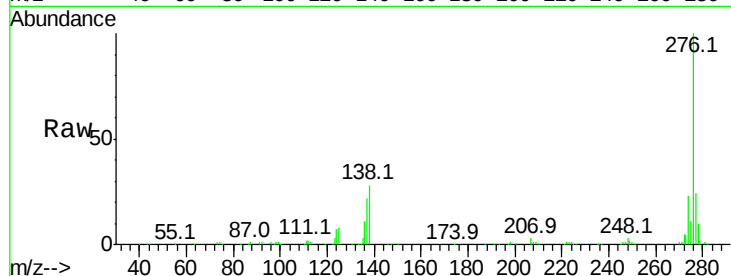
ClientSampleId :

40054(0-2)MSD

Tot Ion:	276	Resp:	379973
Ion Ratio		Lower	Upper
276	100		
138	21.8	20.1	30.1
277	25.7	20.5	30.7

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#86

Perylene-d12

Concen: 20.00 ng

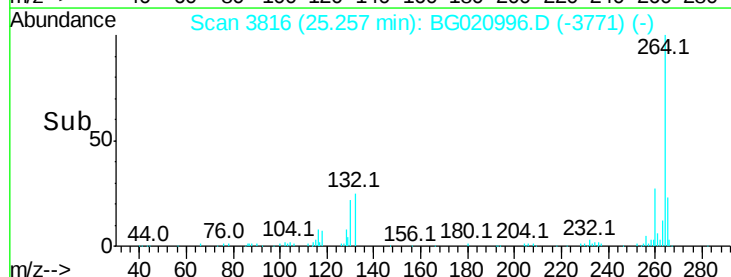
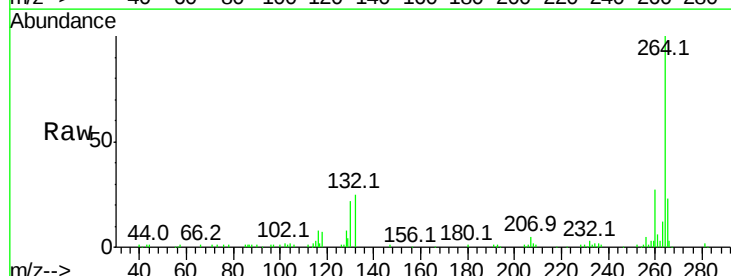
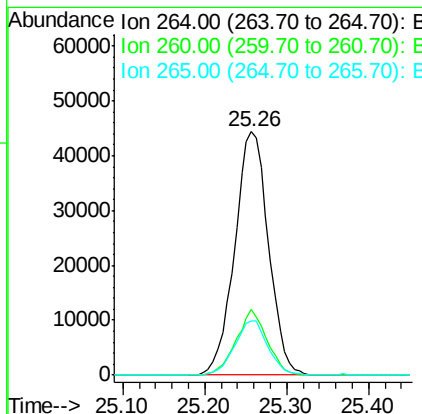
RT: 25.26 min Scan# 3816

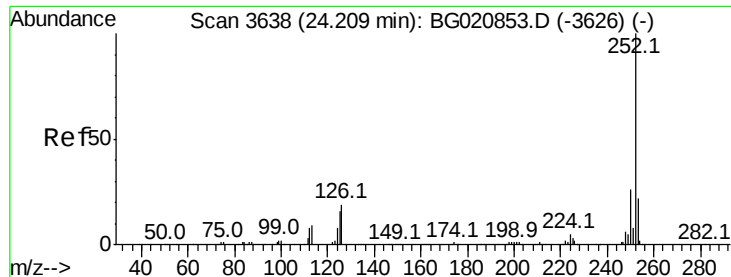
Delta R.T. -0.03 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	264	Resp:	127461
Ion Ratio		Lower	Upper
264	100		
260	26.8	19.9	29.9
265	22.5	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 44.53 ng

RT: 24.18 min Scan# 3633

Delta R.T. -0.03 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

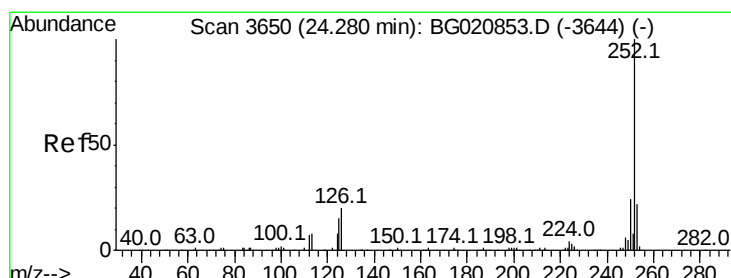
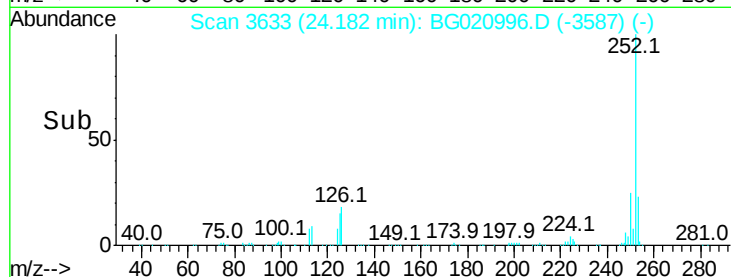
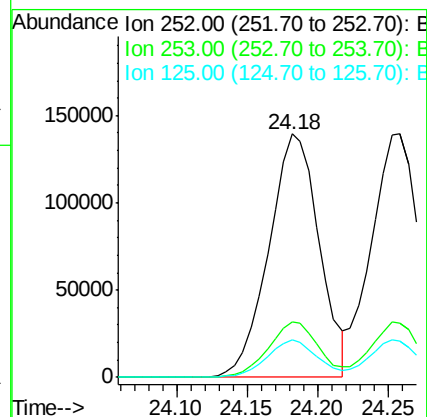
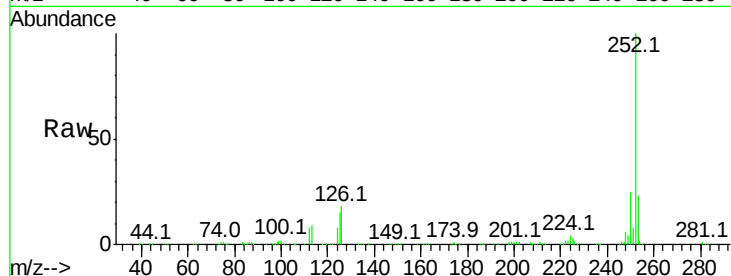
ClientSampleId :

40054(0-2)MSD

Tot Ion:	252	Resp:	347385
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.4	12.5	18.7

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#88

Benzo(k)fluoranthene

Concen: 43.56 ng

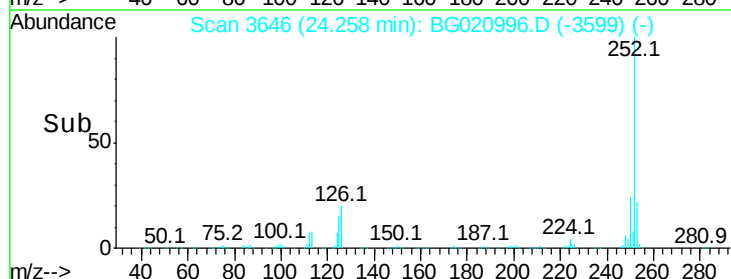
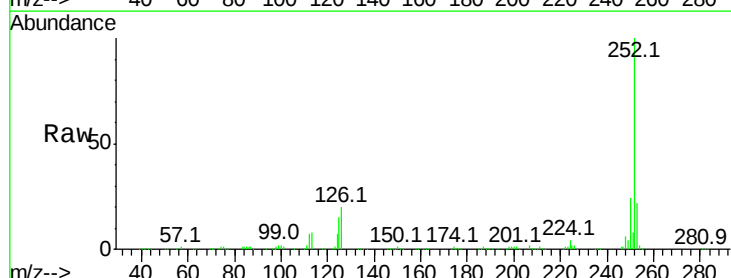
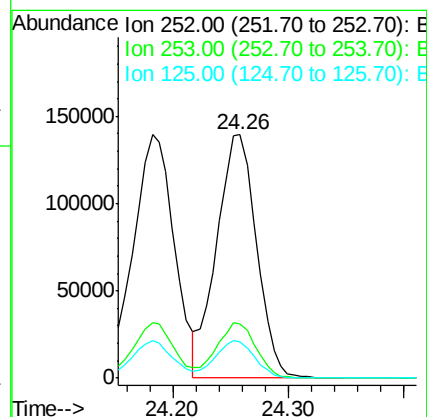
RT: 24.26 min Scan# 3646

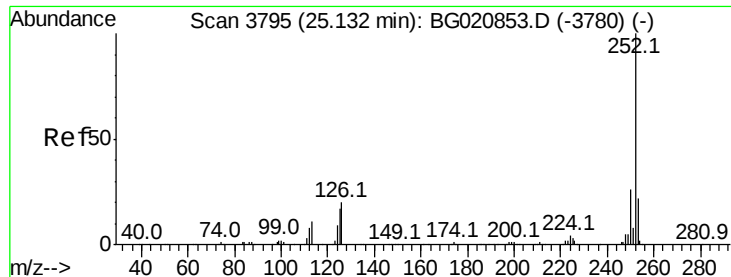
Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion:	252	Resp:	332935
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.7	26.5
125	15.1	12.2	18.4





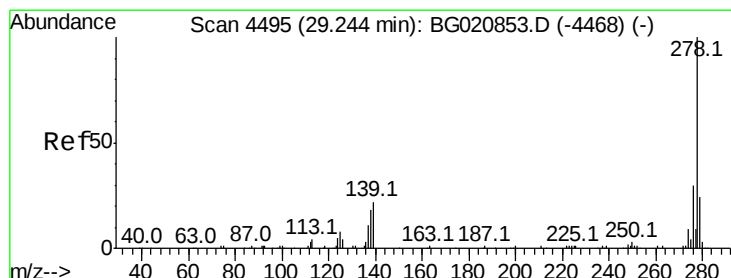
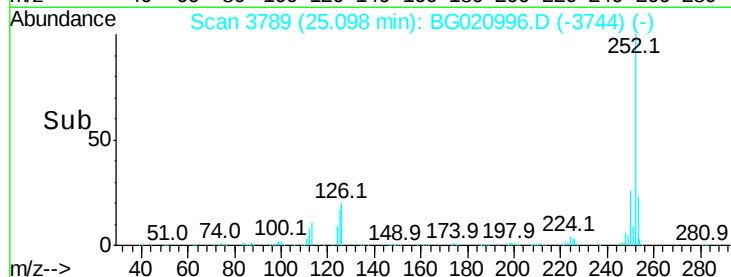
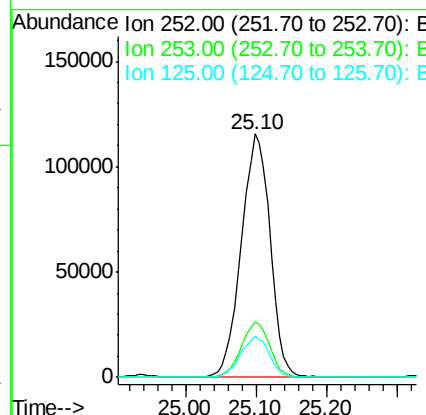
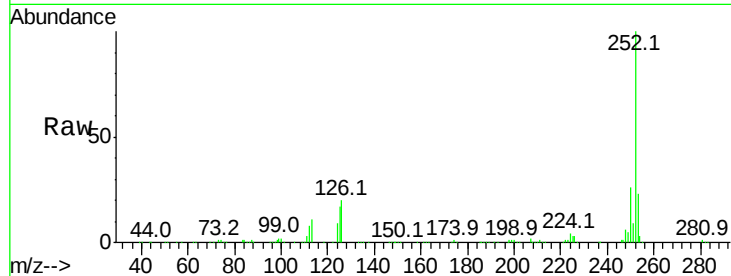
#89
Benzo(a)pyrene
Concen: 44.19 ng
RT: 25.10 min Scan# 3789
Delta R.T. -0.03 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	17.3	13.6	20.4

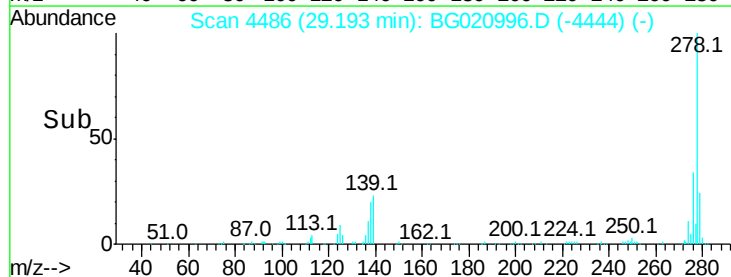
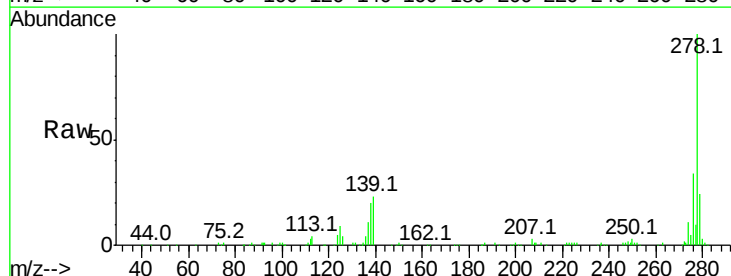
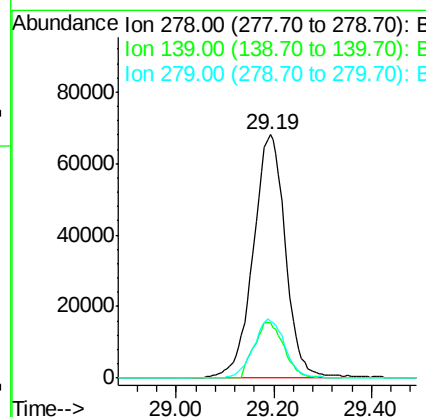
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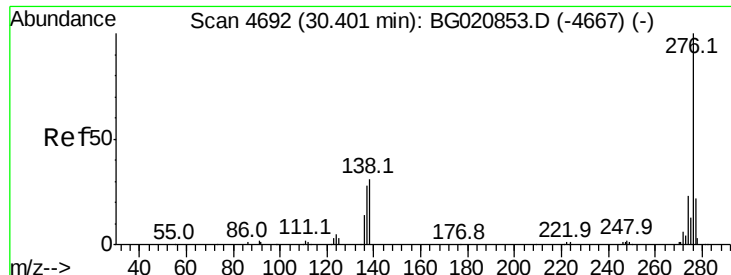
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#90
Dibenzo(a,h)anthracene
Concen: 43.31 ng
RT: 29.19 min Scan# 4486
Delta R.T. -0.05 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	17.3	25.9
279	23.5	19.1	28.7





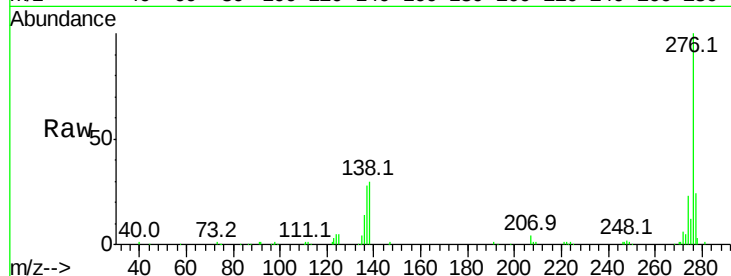
#91
 Benzo(a,h,i)perylene
 Concen: 42.14 ng
 RT: 30.34 min Scan# 4681
 Delta R.T. -0.06 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tot Ion:	276	Resp:	302336
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.6	26.4
138	29.7	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

