

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020947.D
 Acq On : 18 Feb 2016 22:27
 Operator : SJ/UM
 Sample : H1450-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

Manual Integrations
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 2/19/2016 3:25:23 PM

Quant Time: Feb 19 00:34:35 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	19498	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	100174	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	62454	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	134324	20.00	ng	0.00
75) Chrysene-d12	21.89	240	122049	20.00	ng	-0.02
86) Perylene-d12	25.25	264	115284	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	80257	69.32	ng	0.00
7) Phenol-d6	7.40	99	70633	41.74	ng	0.00
23) Nitrobenzene-d5	9.43	82	157991	103.70	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	108007	175.86	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	455129	102.37	ng	0.00
78) Terphenyl-d14	20.19	244	537130	102.67	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	5696	13.53	ng	98
3) Pyridine	4.04	79	12851	10.32	ng	96
4) n-Nitrosodimethylamine	3.95	42	4689	14.39	ng	# 98
6) Aniline	7.58	93	46271	21.93	ng	97
8) 2-Chlorophenol	7.82	128	49106	33.95	ng	99
9) Benzaldehyde	7.39	77	12194	14.39	ng	98
10) Phenol	7.43	94	21515	12.01	ng	96
11) bis(2-Chloroethyl)ether	7.66	93	58561	40.94	ng	97
12) 1,3-Dichlorobenzene	8.15	146	56876	37.19	ng	100
13) 1,4-Dichlorobenzene	8.29	146	58513	37.74	ng	99
14) 1,2-Dichlorobenzene	8.62	146	59346	39.35	ng	98
15) Benzyl Alcohol	8.49	79	28231	26.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	56284	37.72	ng	98
17) 2-Methylphenol	8.69	107	36682	28.43	ng	98
18) Hexachloroethane	9.36	117	19671	36.90	ng	97
19) n-Nitroso-di-n-propylamine	9.06	70	46335	42.43	ng	# 98
20) 3+4-Methylphenols	9.02	107	44653	24.84	ng	96
22) Acetophenone	9.09	105	96020	39.77	ng	# 99
24) Nitrobenzene	9.47	77	64483	40.60	ng	99
25) Isophorone	9.99	82	138987	43.28	ng	99
26) 2-Nitrophenol	10.19	139	34653	41.46	ng	96
27) 2,4-Dimethylphenol	10.24	122	58863	36.75	ng	96
28) bis(2-Chloroethoxy)methane	10.47	93	89749	45.35	ng	99
29) 2,4-Dichlorophenol	10.72	162	60522	42.16	ng	100
30) 1,2,4-Trichlorobenzene	10.94	180	58313	40.33	ng	96
31) Naphthalene	11.14	128	215817	41.64	ng	99
32) Benzoic acid	10.31	122	11117	8.65	ng	97
33) 4-Chloroaniline	11.24	127	70326	31.55	ng	99
34) Hexachlorobutadiene	11.41	225	28247	38.33	ng	100
35) Caprolactam	12.01	113	3388m	6.16	ng	
36) 4-Chloro-3-methylphenol	12.33	107	62862	38.22	ng	97
37) 2-Methylnaphthalene	12.72	142	169486	46.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	69844	38.12	ng	98
40) Hexachlorocyclopentadiene	13.06	237	61354	76.12	ng	93

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Quant Time: Feb 19 00:34:35 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)
42) 2,4,6-Trichlorophenol	13.32	196	51593	41.92	nq	98
43) 2,4,5-Trichlorophenol	13.39	196	56198	43.43	nq	98
45) 1,1'-Biphenyl	13.71	154	220056	39.94	nq	99
46) 2-Chloronaphthalene	13.76	162	164638	41.74	nq	99
47) 2-Nitroaniline	13.96	65	42879	45.39	nq	94
48) Acenaphthylene	14.60	152	292154	42.60	nq	100
49) Dimethylphthalate	14.32	163	236793	48.49	nq	100
50) 2,6-Dinitrotoluene	14.44	165	49313	47.12	nq	97
51) Acenaphthene	14.94	154	194092	46.67	nq	99
52) 3-Nitroaniline	14.77	138	45585	37.49	nq	96
53) 2,4-Dinitrophenol	14.97	184	42938	94.99	nq	91
54) Dibenzofuran	15.27	168	270530	49.18	nq	98
55) 4-Nitrophenol	15.06	139	26911	29.30	nq	98
56) 2,4-Dinitrotoluene	15.22	165	67191	49.67	nq	98
57) Fluorene	15.91	166	231640	45.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	48560	49.25	nq	98
59) Diethylphthalate	15.67	149	232549	46.32	nq	99
60) 4-Chlorophenyl-phenylether	15.90	204	100272	44.57	nq	97
61) 4-Nitroaniline	15.93	138	52550	43.05	nq	97
62) Azobenzene	16.19	77	189840	48.09	nq	97
64) 4,6-Dinitro-2-methylphenol	15.98	198	29320	43.53	nq	98
65) n-Nitrosodiphenylamine	16.11	169	183259	42.23	nq	99
66) 4-Bromophenyl-phenylether	16.79	248	60817	42.87	nq	99
67) Hexachlorobenzene	16.91	284	66226	43.87	nq	99
68) Atrazine	17.05	200	59502	45.18	nq	100
69) Pentachlorophenol	17.25	266	71246	82.32	nq	97
70) Phenanthrene	17.65	178	338223	44.22	nq	99
71) Anthracene	17.74	178	335659	43.25	nq	99
72) Carbazole	18.01	167	308532	44.29	nq	99
73) Di-n-butylphthalate	18.54	149	380788	42.63	nq	100
74) Fluoranthene	19.64	202	352311	42.65	nq	98
76) Benzidine	19.81	184	45256	11.47	nq	99
77) Pyrene	20.00	202	362892	45.08	nq	99
79) Butylbenzylphthalate	20.86	149	170416	44.21	nq	99
80) Benzo(a)anthracene	21.86	228	325936	44.73	nq	100
81) 3,3'-Dichlorobenzidine	21.77	252	68319	25.26	nq	98
82) Chrysene	21.93	228	293230	42.79	nq	99
83) Bis(2-ethylhexyl)phthalate	21.74	149	253404	44.34	nq	100
84) Di-n-octyl phthalate	23.01	149	422711	45.07	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	358697	45.52	nq	99
87) Benzo(b)fluoranthene	24.18	252	322221	45.67	nq	99
88) Benzo(k)fluoranthene	24.25	252	309235	44.73	nq	99
89) Benzo(a)pyrene	25.09	252	302921	45.06	nq	99
90) Dibenzo(a,h)anthracene	29.19	278	292099	44.68	nq	99
91) Benzo(g,h,i)perylene	30.33	276	292662	45.10	nq	97

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

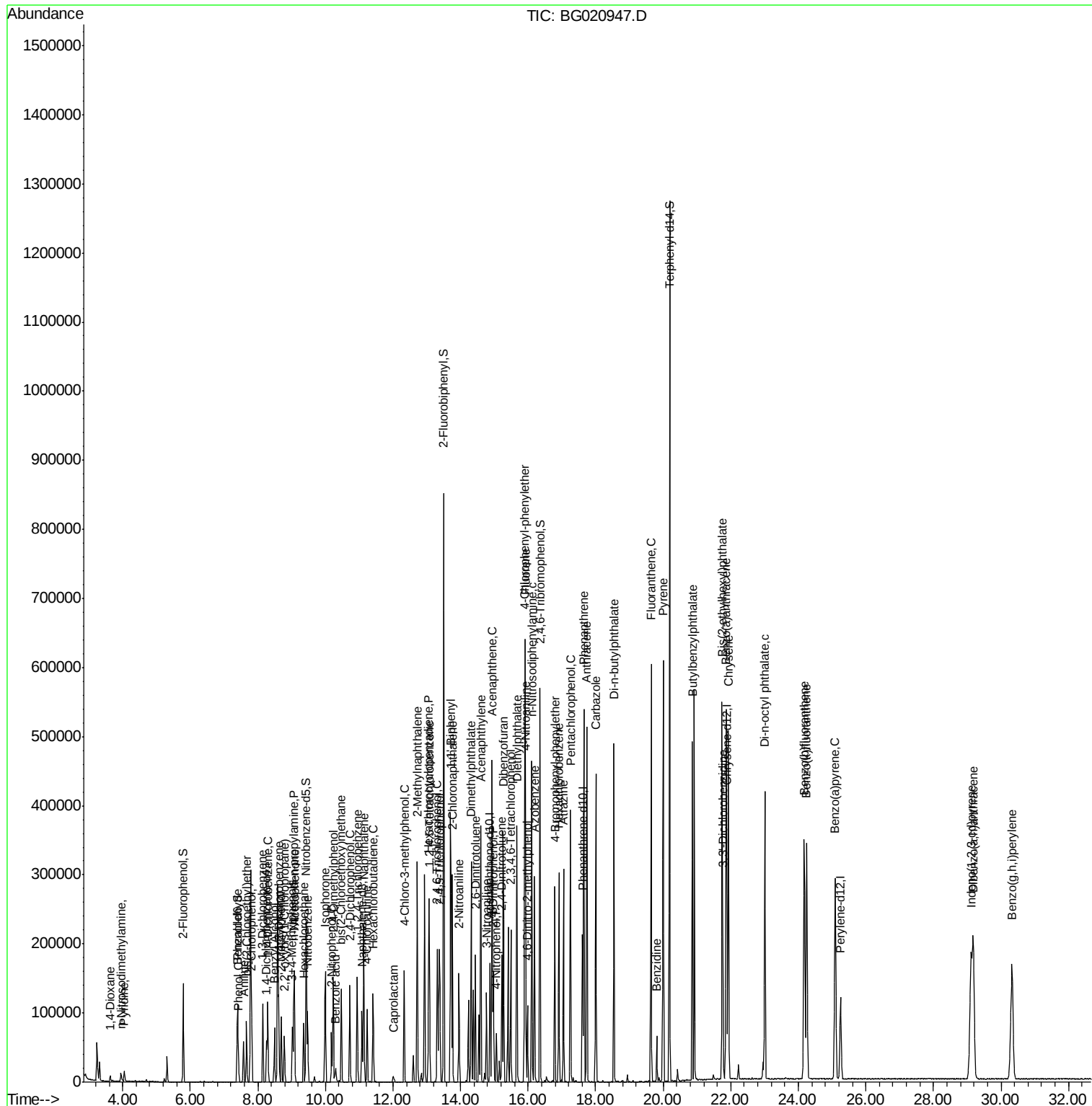
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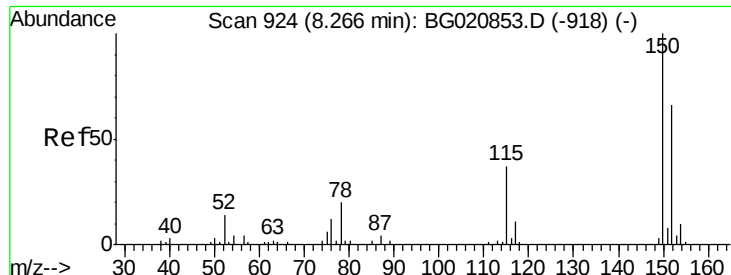
Instrument :
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#1

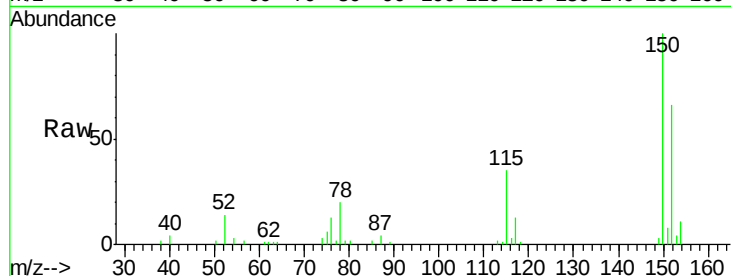
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	122.0	183.0
115	53.2	45.2	67.8

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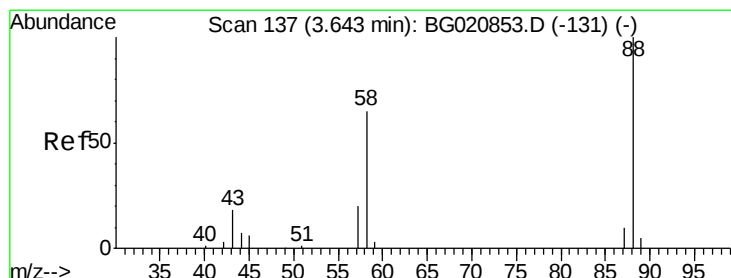
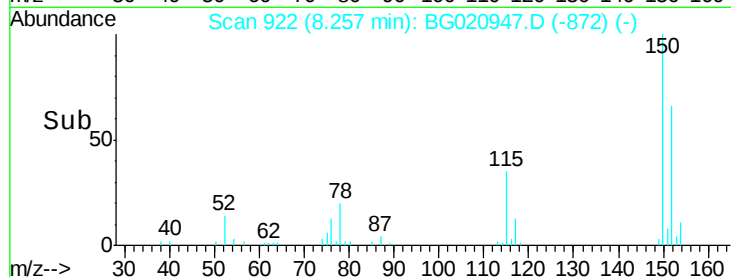
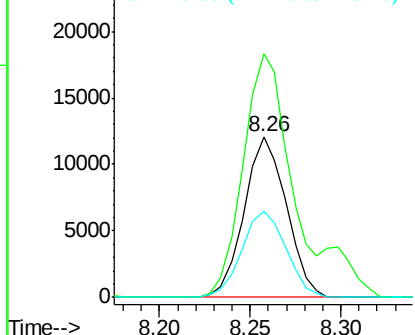


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

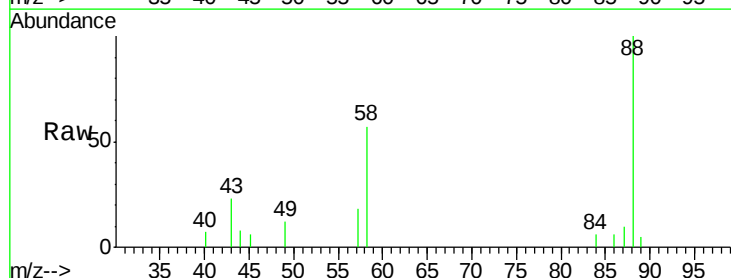
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 13.53 ng
RT: 3.63 min Scan# 134
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	50.3	75.5
43	19.3	14.5	21.7

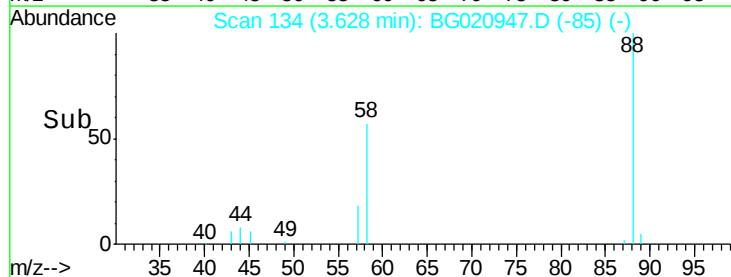
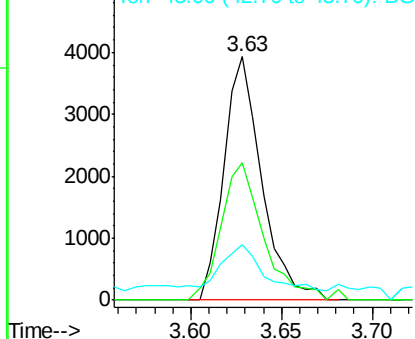


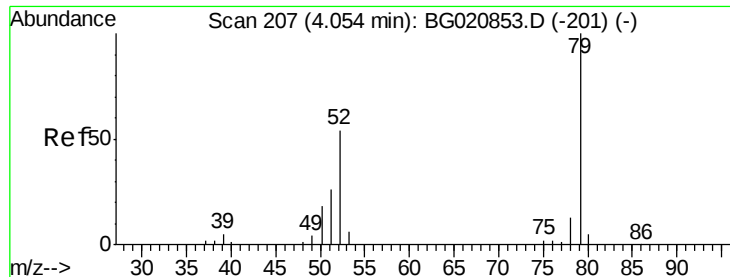
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 10.32 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

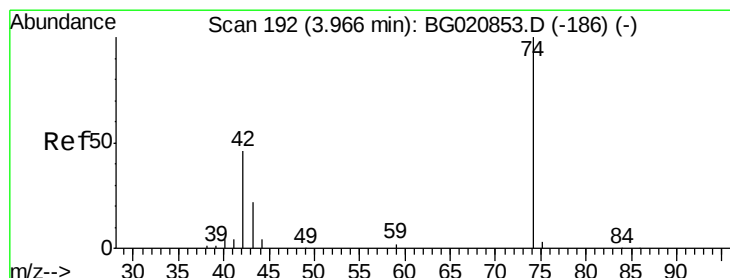
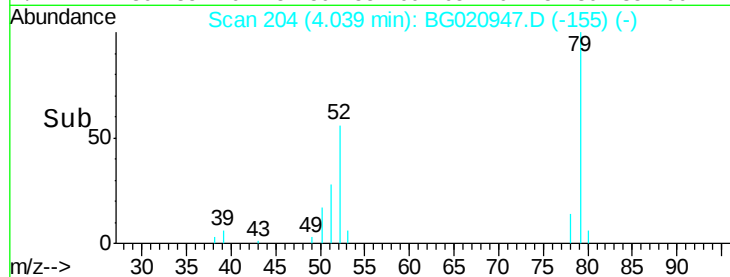
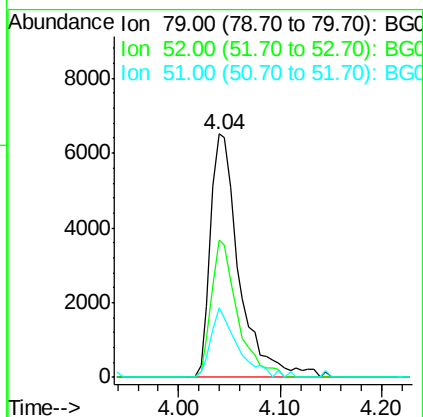
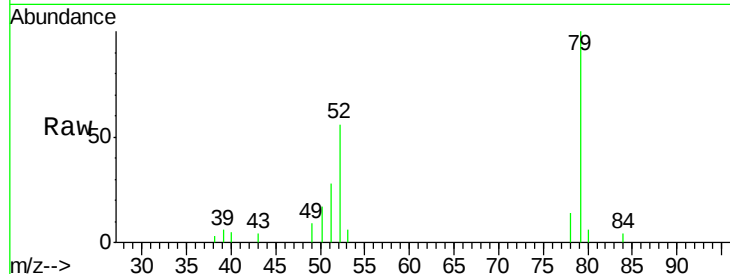
ClientSampleId :

HW-41MSD

Tot Ion:	79	Resp:	12851
Ion	Ratio	Lower	Upper
79	100		
52	56.4	43.1	64.7
51	28.5	20.7	31.1

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#4

n-Nitrosodimethylamine

Concen: 14.39 ng

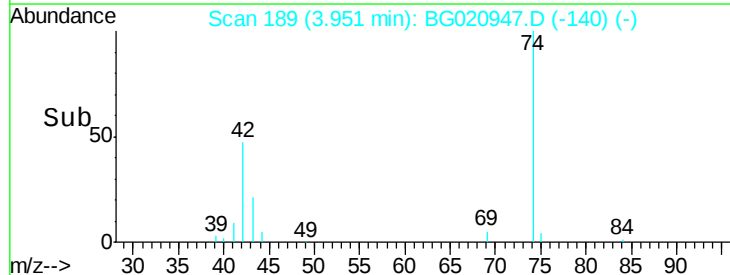
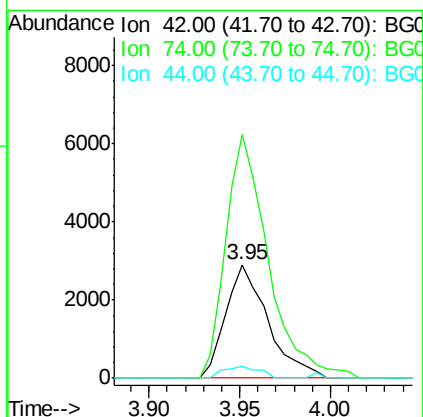
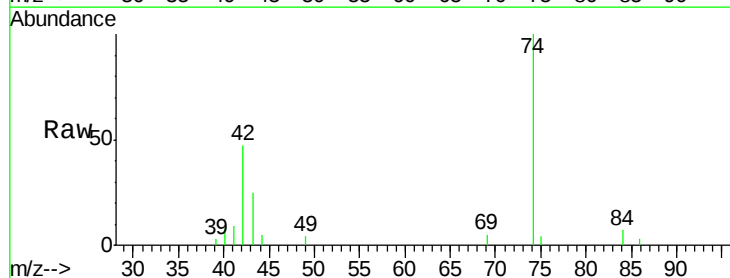
RT: 3.95 min Scan# 189

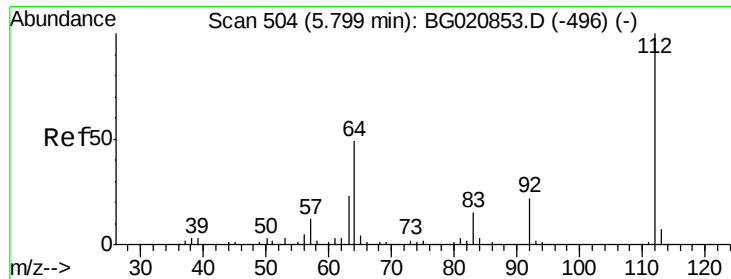
Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:	42	Resp:	4689
Ion	Ratio	Lower	Upper
42	100		
74	214.6	173.8	260.6
44	10.8	6.3	9.5#





#5

2-Fluorophenol

Concen: 69.32 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

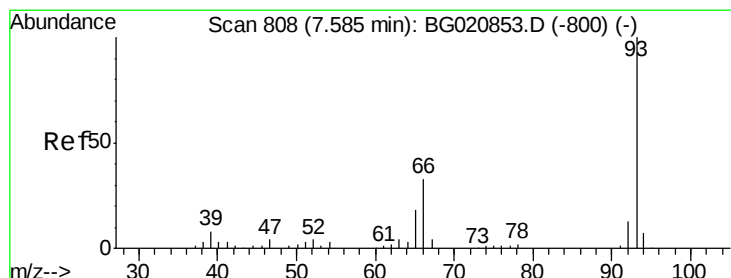
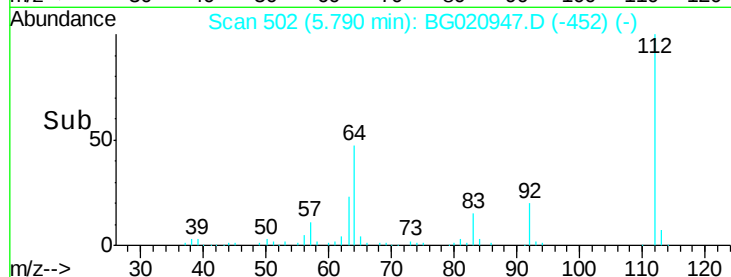
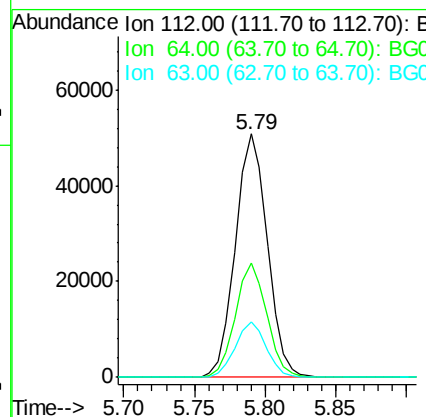
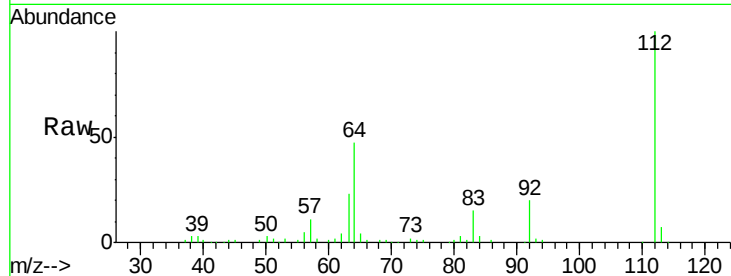
ClientSampleId :

HW-41MSD

Tot Ion:	112	Resp:	80257
Ion Ratio	Lower	Upper	
112	100		
64	47.1	39.3	58.9
63	22.7	18.2	27.4

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#6

Aniline

Concen: 21.93 ng

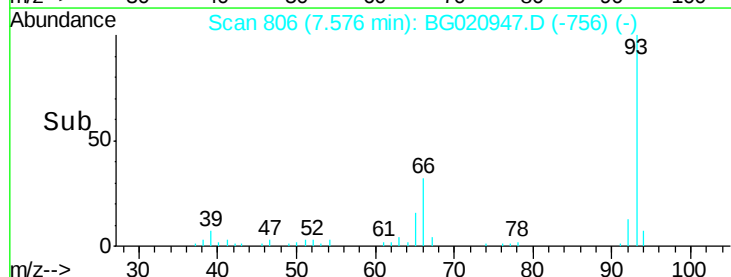
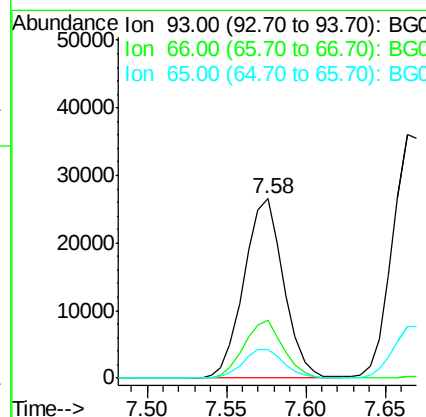
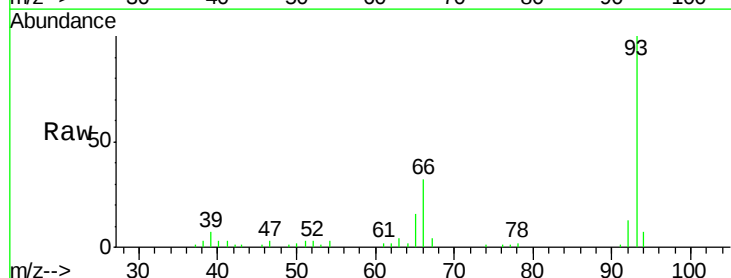
RT: 7.58 min Scan# 806

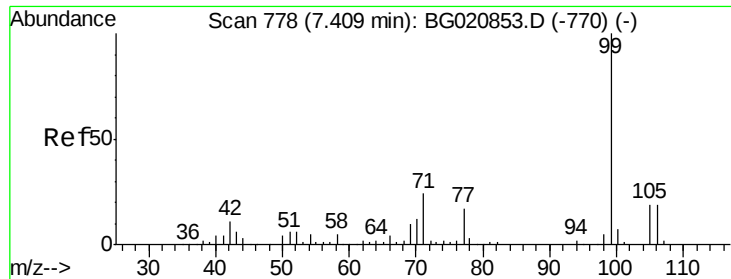
Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:	93	Resp:	46271
Ion Ratio	Lower	Upper	
93	100		
66	32.2	26.6	40.0
65	15.8	14.0	21.0





#7

Phenol-d6

Concen: 41.74 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

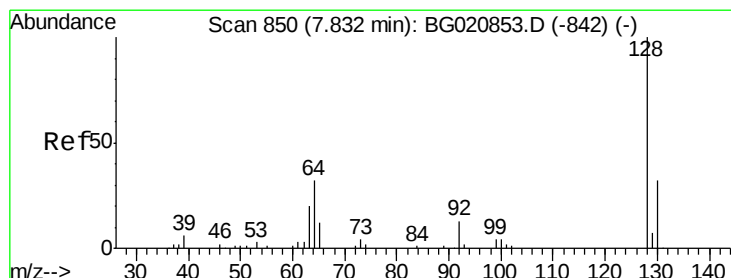
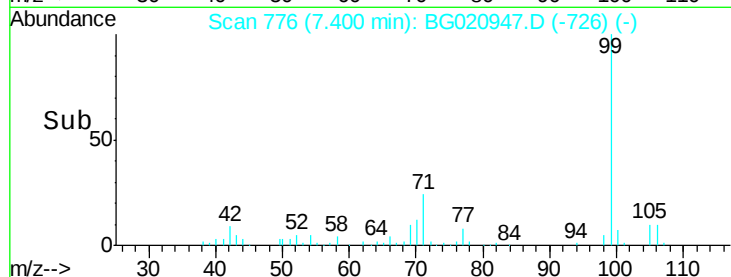
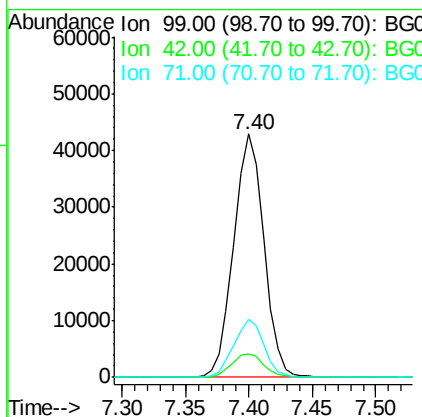
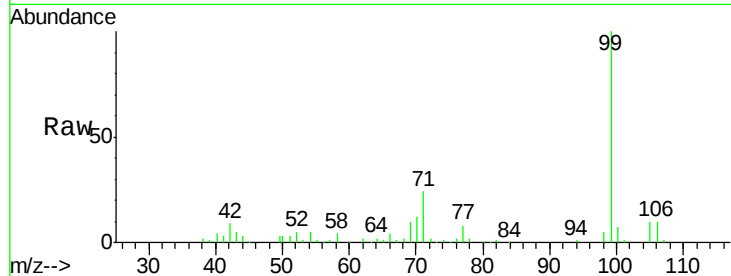
ClientSampleId :

HW-41MSD

Tot Ion:	99	Resp:	70633
Ion Ratio	Lower	Upper	
99	100		
42	9.4	8.4	12.6
71	23.6	19.4	29.0

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#8

2-Chlorophenol

Concen: 33.95 ng

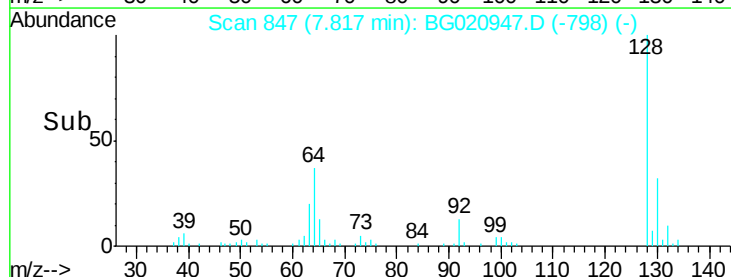
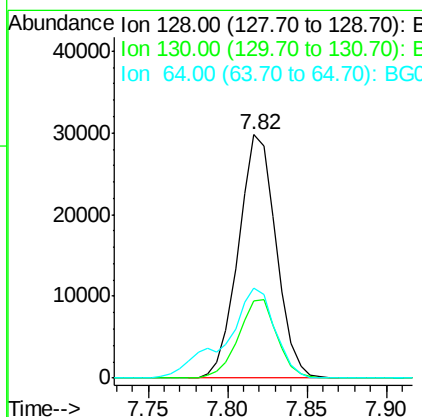
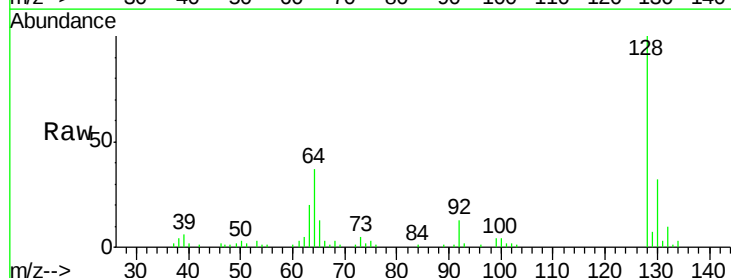
RT: 7.82 min Scan# 847

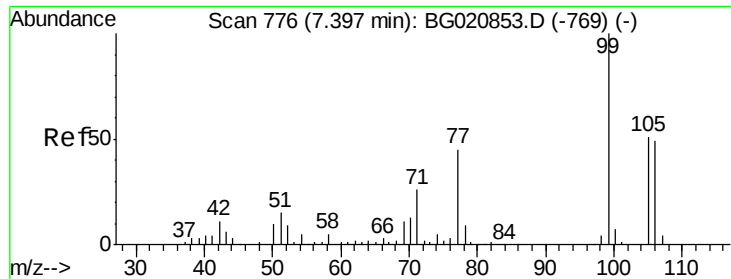
Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:	128	Resp:	49106
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.3	52.3
64	37.2	15.9	55.9





#9

Benzaldehyde

Concen: 14.39 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

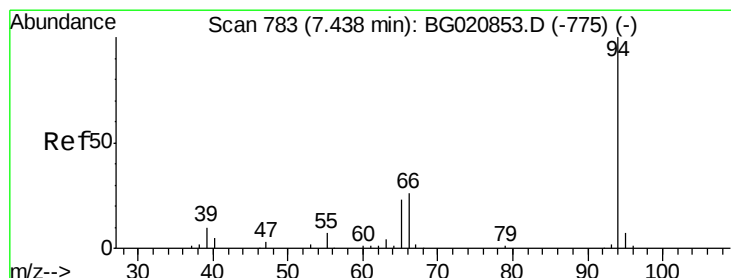
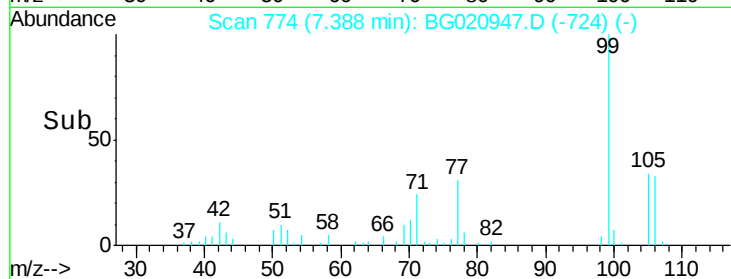
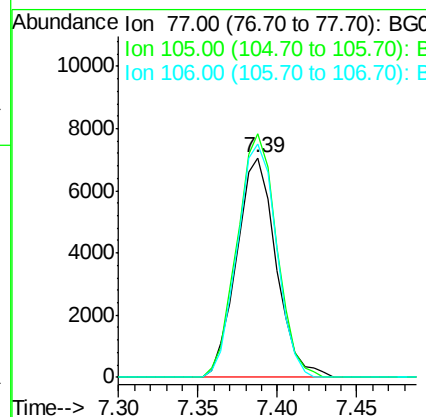
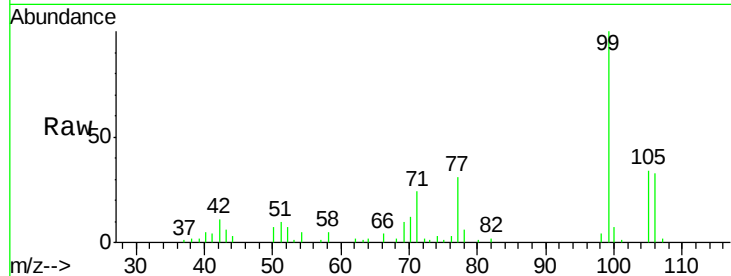
ClientSampleId :

HW-41MSD

Tot Ion:	77	Resp:	12194
Ion	Ratio	Lower	Upper
77	100		
105	111.0	93.4	133.4
106	106.6	88.7	128.7

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#10

Phenol

Concen: 12.01 ng

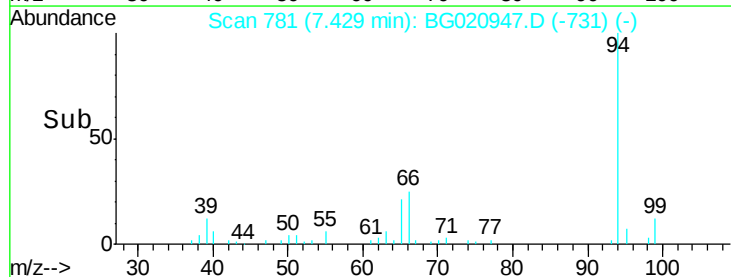
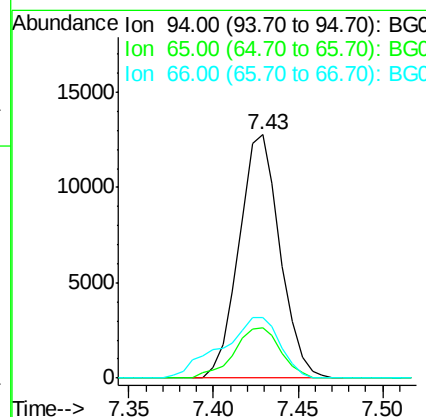
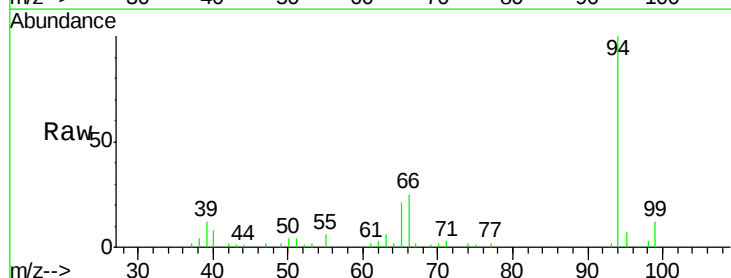
RT: 7.43 min Scan# 781

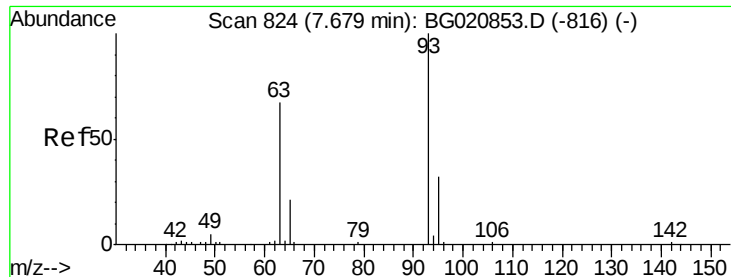
Delta R.T. -0.01 min

Lab File: BG020947.D

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Tgt Ion:	94	Resp:	21515
Ion	Ratio	Lower	Upper
94	100		
65	20.6	2.8	42.8
66	24.9	7.2	47.2





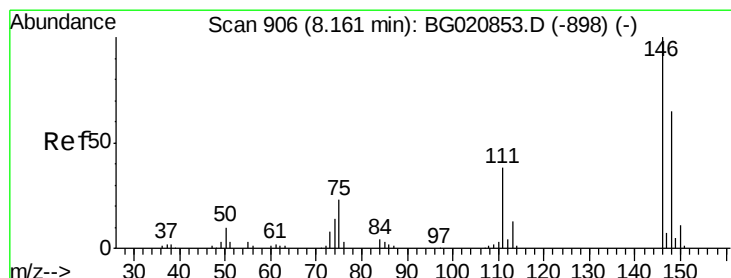
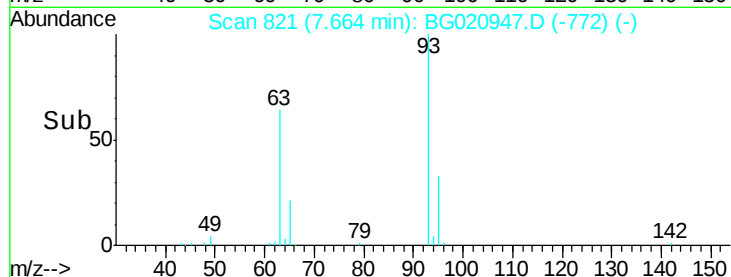
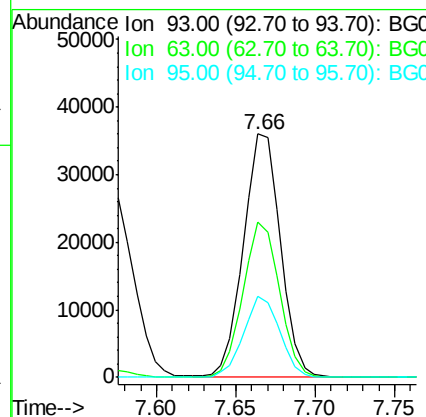
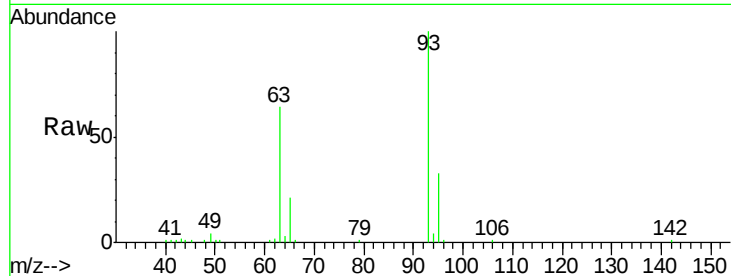
#11
bis(2-Chloroethyl)ether
Concen: 40.94 ng
RT: 7.66 min Scan# 821
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion:	93	Resp:	58561
Ion	Ratio	Lower	Upper
93	100		
63	63.6	46.4	86.4
95	33.5	12.1	52.1

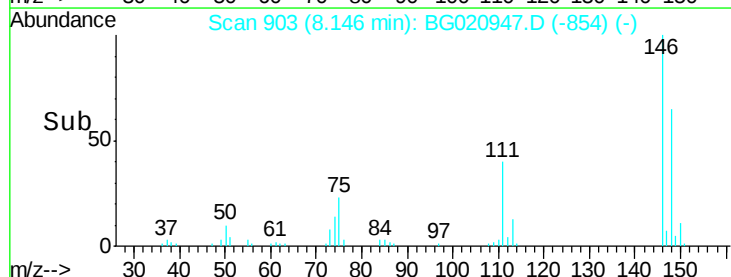
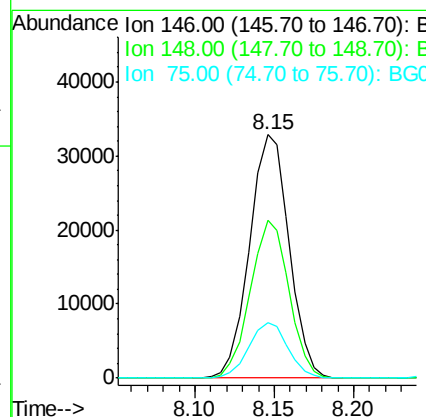
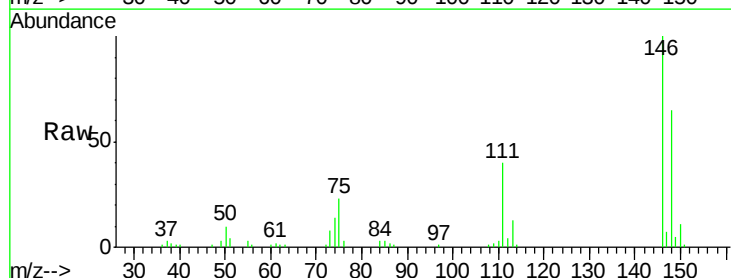
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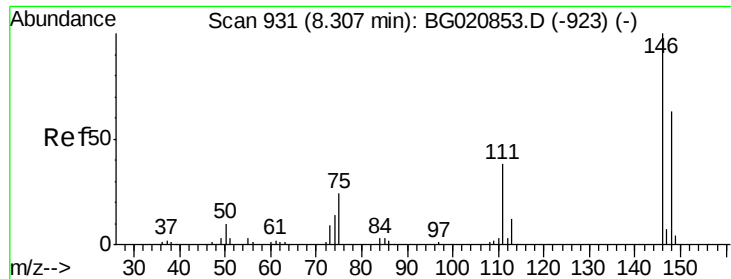
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#12
1,3-Dichlorobenzene
Concen: 37.19 ng
RT: 8.15 min Scan# 903
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion:	146	Resp:	56876
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	23.0	18.7	28.1





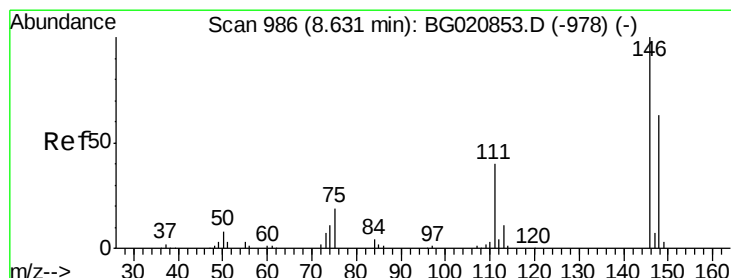
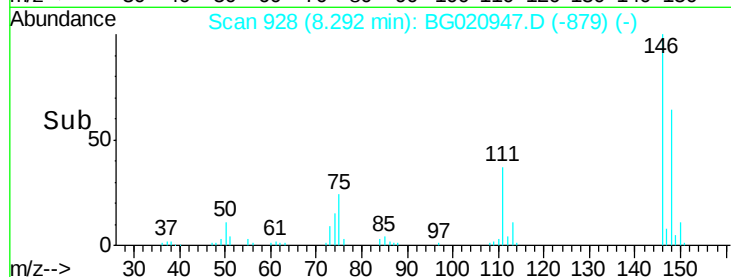
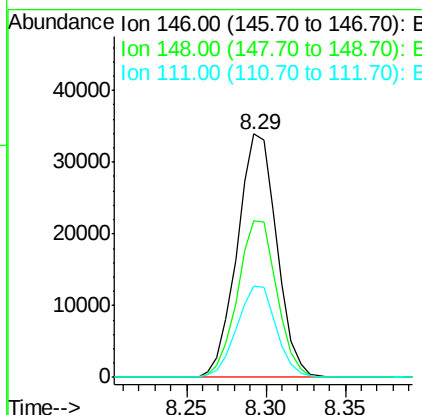
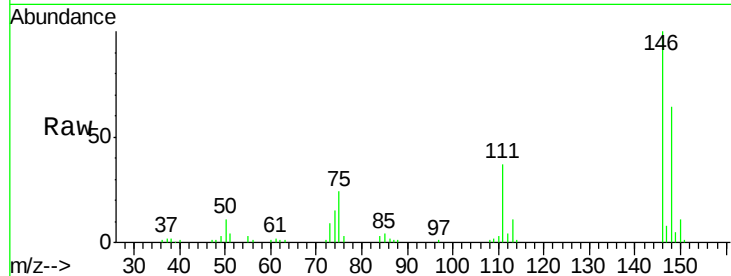
#13
1,4-Dichlorobenzene
Concen: 37.74 ng
RT: 8.29 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	37.4	30.1	45.1

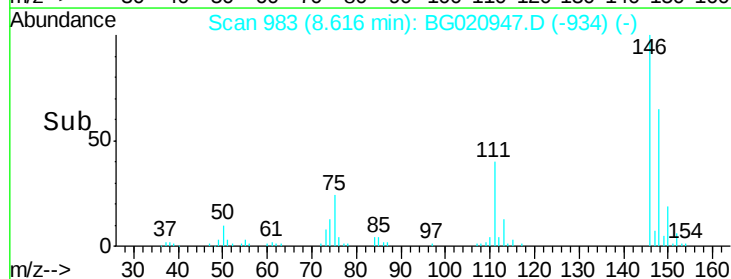
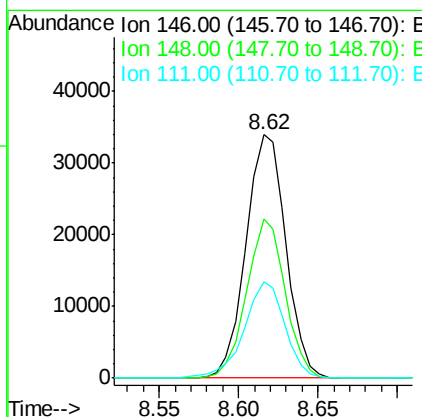
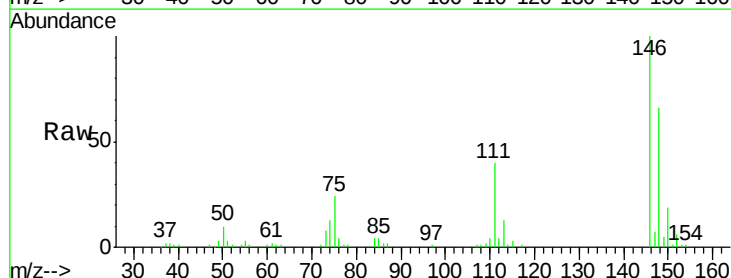
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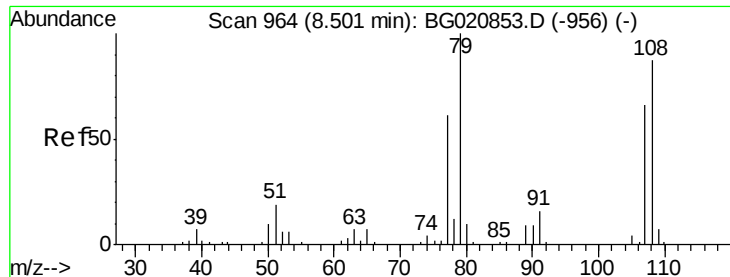
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#14
1,2-Dichlorobenzene
Concen: 39.35 ng
RT: 8.62 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	76.0
111	39.7	32.6	48.8





#15

Benzyl Alcohol

Concen: 26.46 ng

RT: 8.49 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

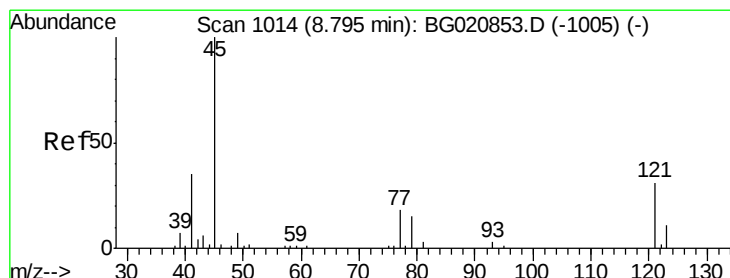
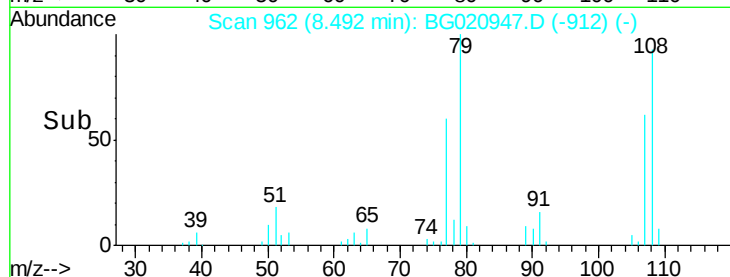
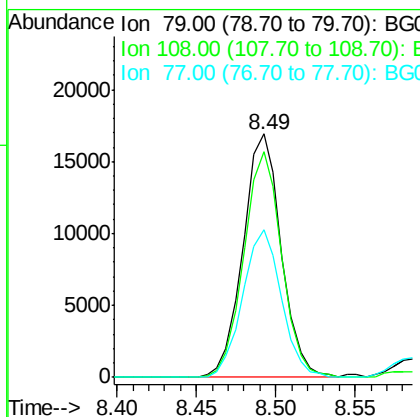
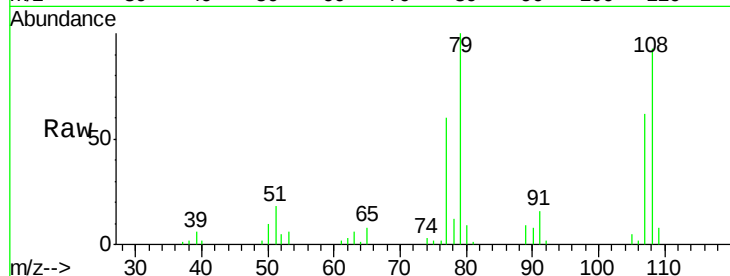
ClientSampleId :

HW-41MSD

Tot Ion:	79	Resp:	28231
Ion	Ratio	Lower	Upper
79	100		
108	92.9	69.4	104.2
77	60.5	48.6	73.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.72 ng

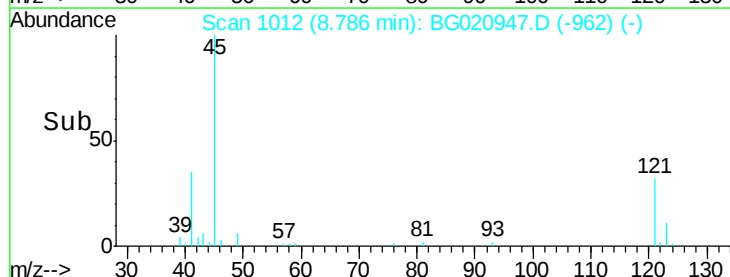
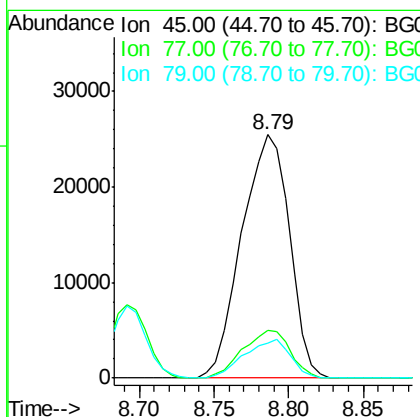
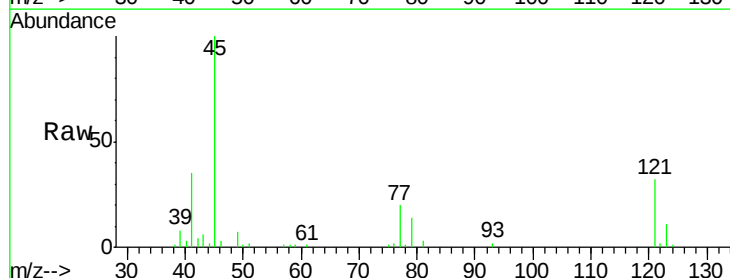
RT: 8.79 min Scan# 1012

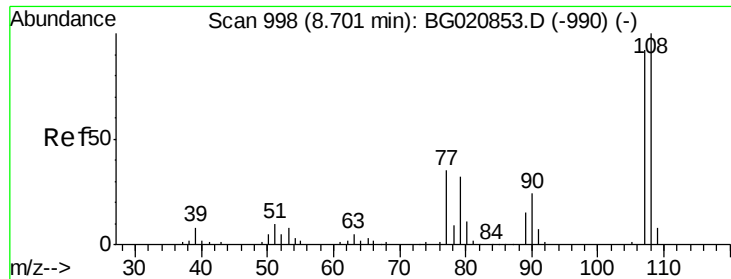
Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:	45	Resp:	56284
Ion	Ratio	Lower	Upper
45	100		
77	19.7	0.0	38.5
79	14.4	0.0	34.9





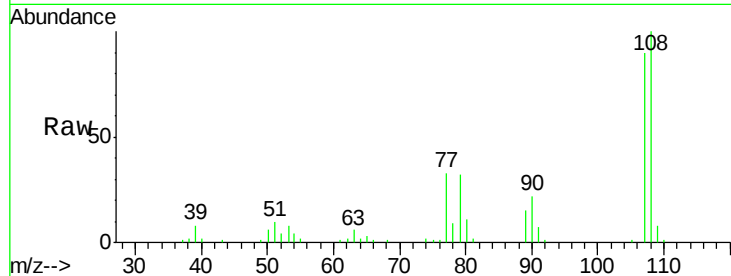
#17
2-Methylphenol
Concen: 28.43 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

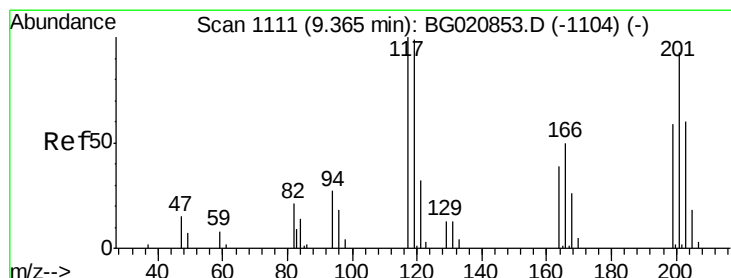
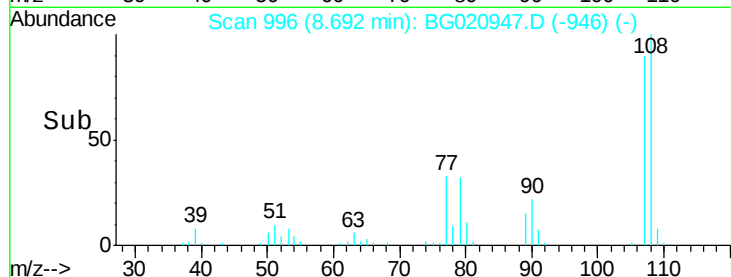
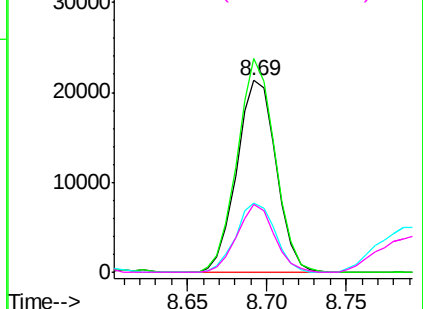
Tot Ion	107	Resp	36682
Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.0	130.4
77	36.3	30.1	45.1
79	35.3	27.4	41.2

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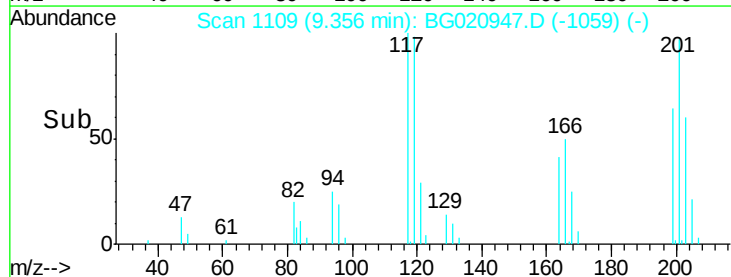
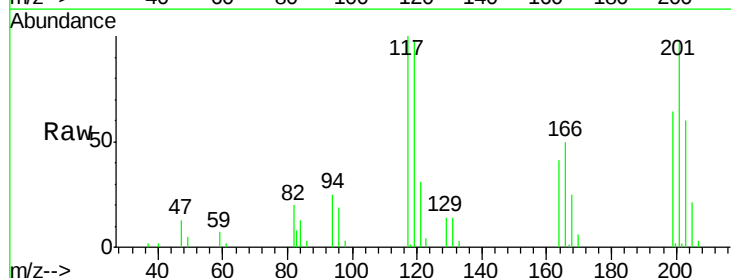
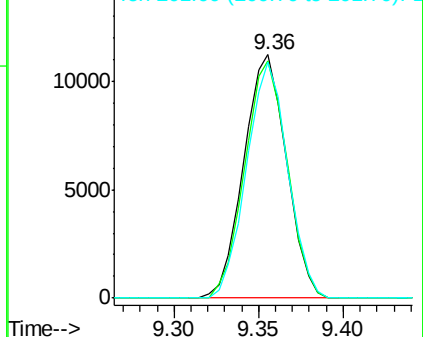
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

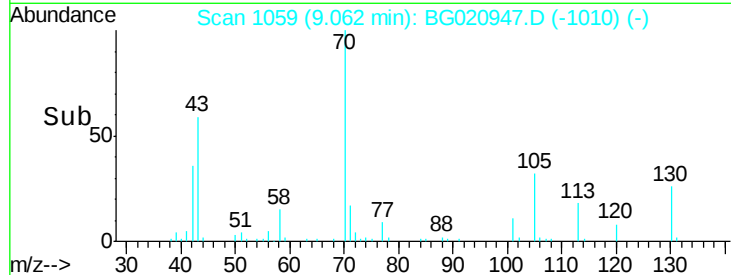
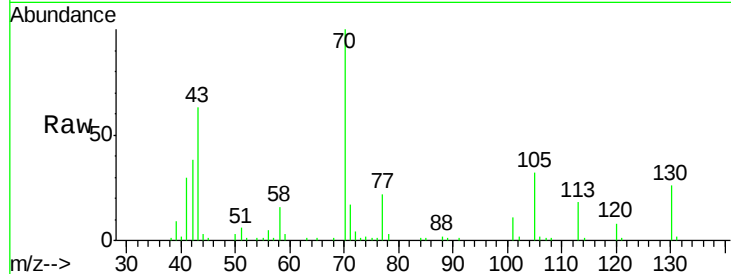
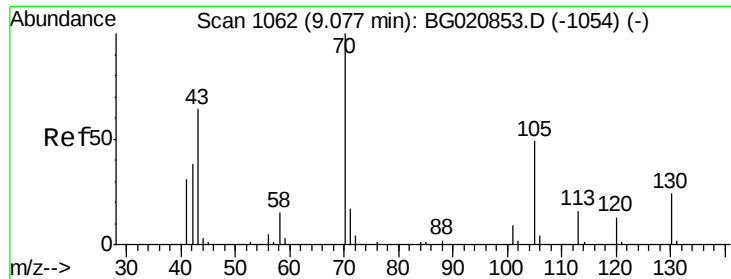


#18
Hexachloroethane
Concen: 36.90 ng
RT: 9.36 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	117	Resp	19671
Ion	Ratio	Lower	Upper
117	100		
119	97.6	79.6	119.4
201	96.7	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





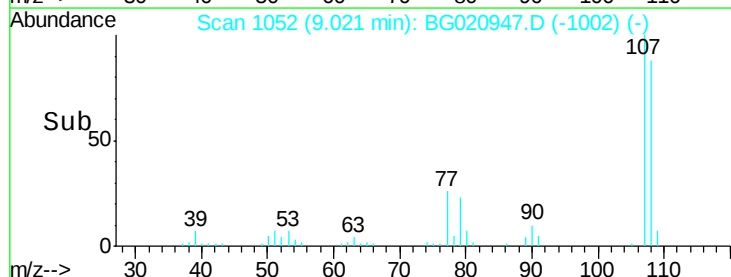
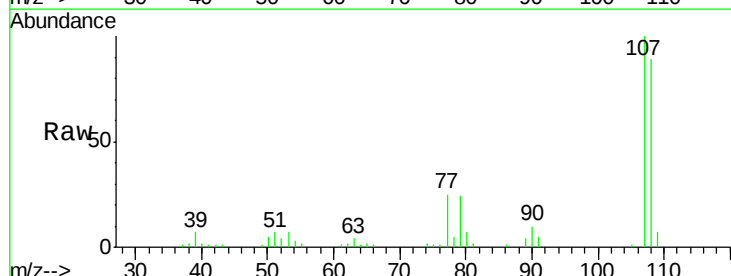
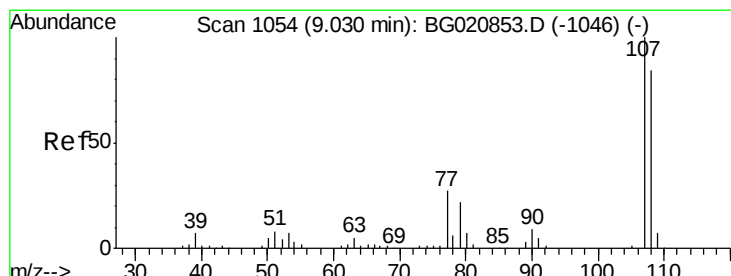
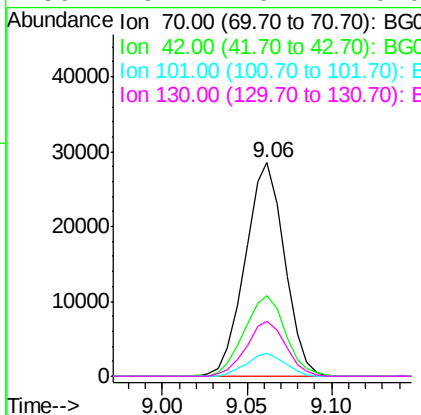
#19
n-Nitroso-di-n-propylamine
Concen: 42.43 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		46335		
42	37.9	30.9	46.3		
101	11.0	7.3	10.9		
130	25.7	19.4	29.0		

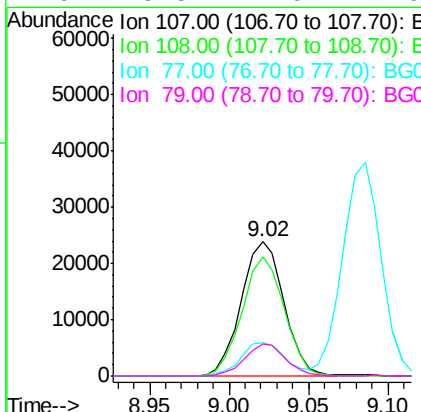
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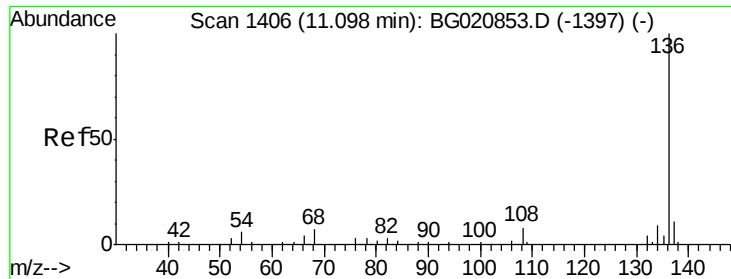
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#20
3+4-Methylphenols
Concen: 24.84 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		44653		
108	88.7	64.4	104.4		
77	25.3	7.1	47.1		
79	23.5	1.9	41.9		





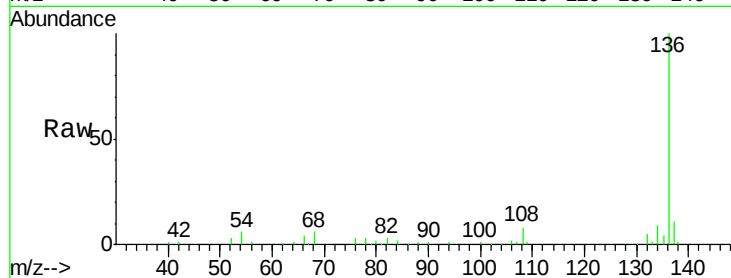
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

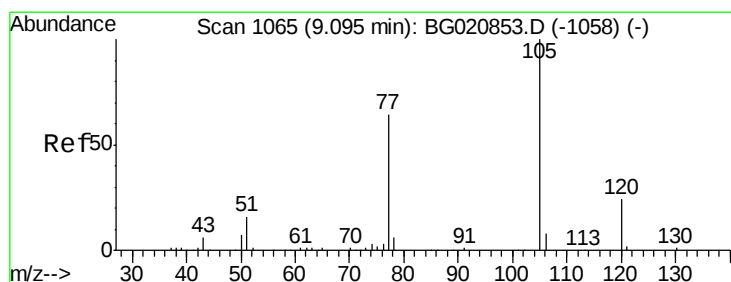
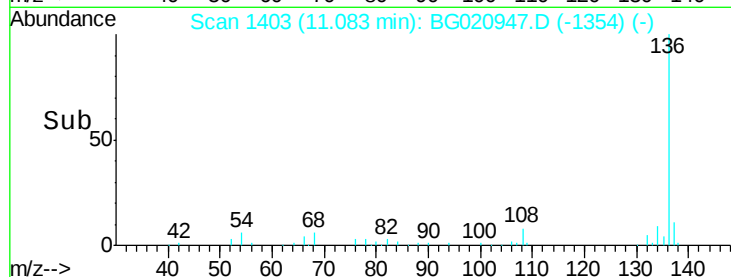
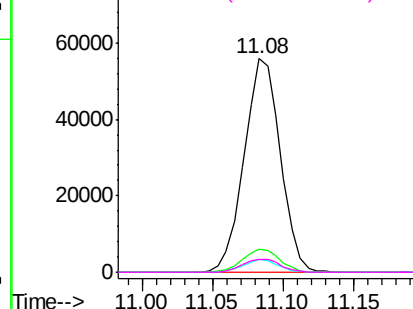
Tot Ion	Ratio	Resp	Lower	Upper
136	100	100174		
137	10.7		8.8	13.2
54	5.9		5.0	7.4
68	6.3		5.2	7.8

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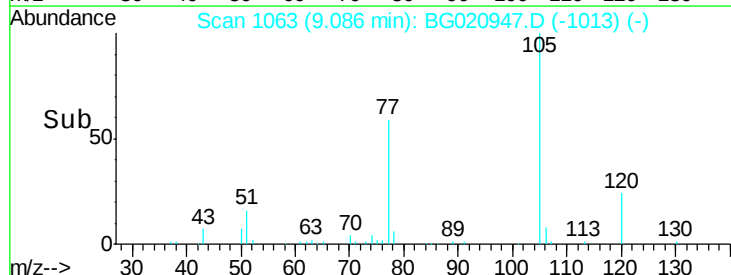
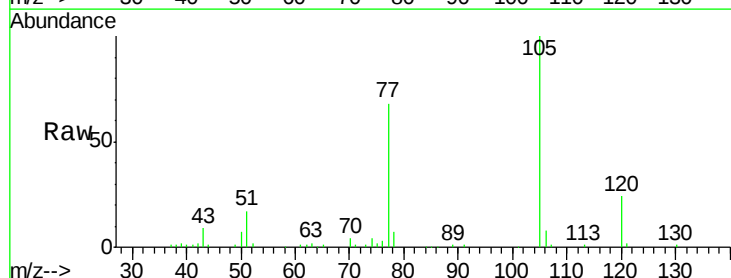
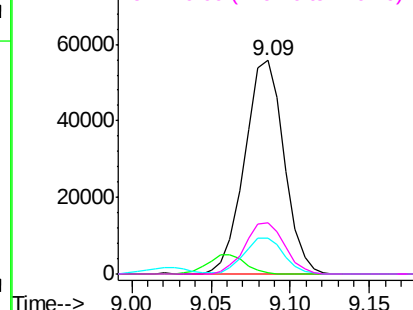
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

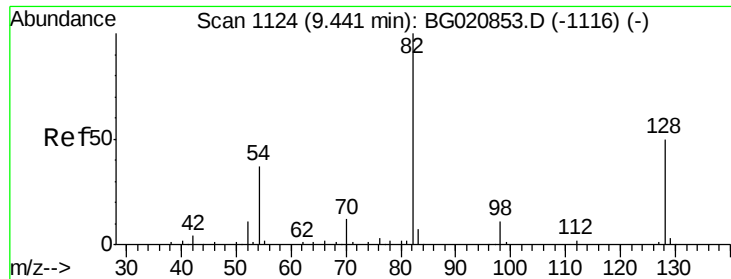


#22
Acetophenone
Concen: 39.77 ng
RT: 9.09 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96020		
71	0.5		1.4	2.0#
51	17.0		13.7	20.5
120	24.2		19.0	28.6

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





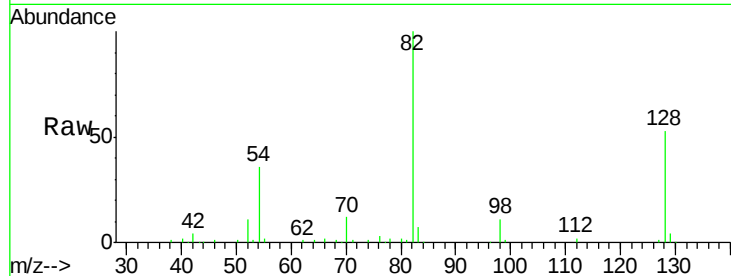
#23
Nitrobenzene-d5
Concen: 103.70 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

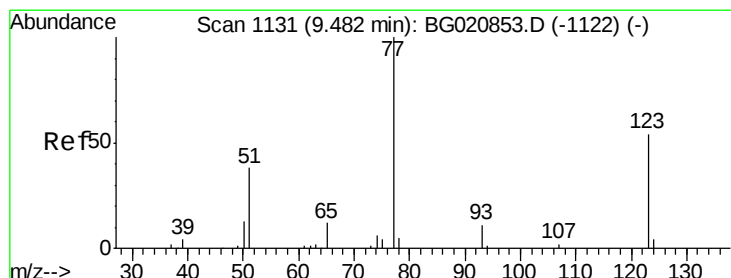
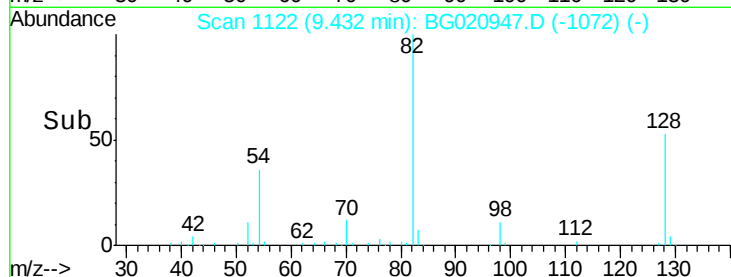
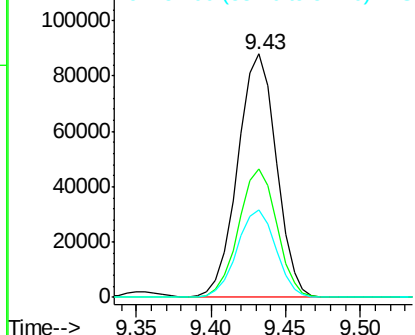
Tot Ion	Ratio	Resp	Lower	Upper
82	100	157991		
128	52.7	40.1	60.1	
54	36.0	29.5	44.3	

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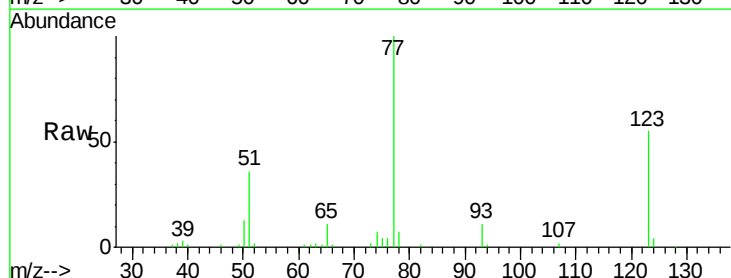


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

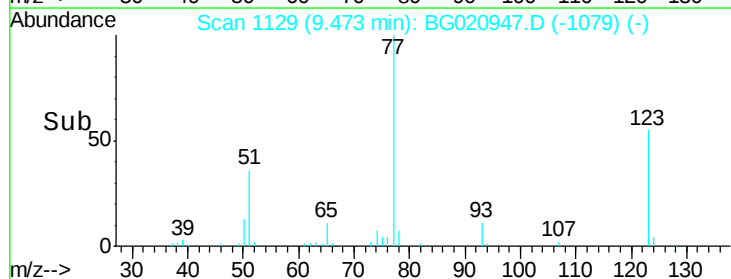
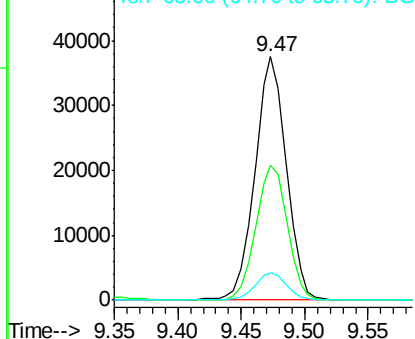


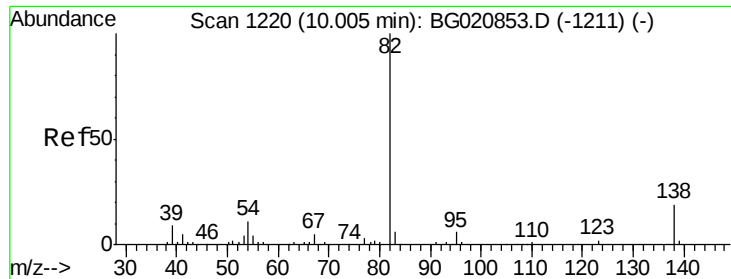
#24
Nitrobenzene
Concen: 40.60 ng
RT: 9.47 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	64483		
123	55.2	43.2	64.8	
65	11.4	9.2	13.8	



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





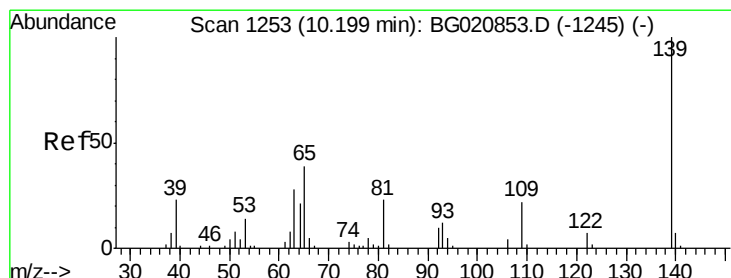
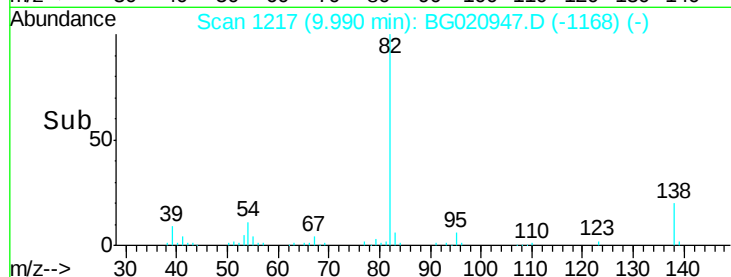
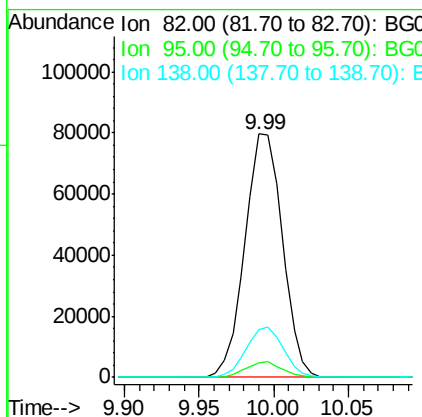
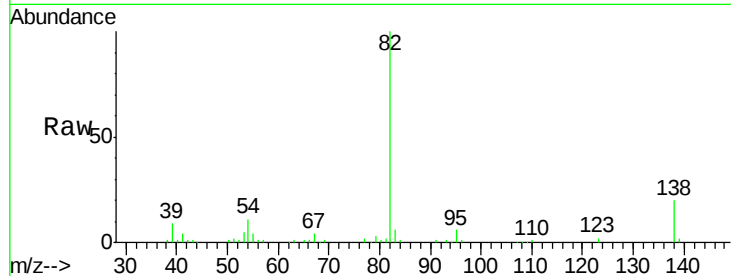
#25
Isophorone
Concen: 43.28 ng
RT: 9.99 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampled :
HW-41MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	138987		
95	5.9		4.8	7.2
138	19.7		15.4	23.0

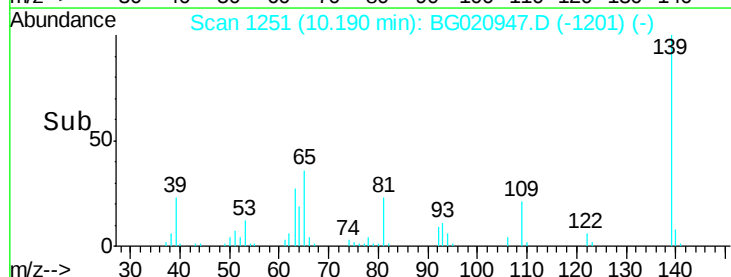
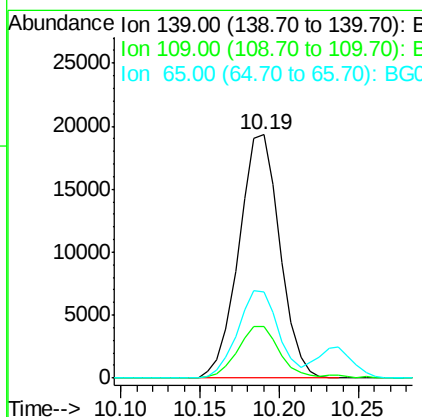
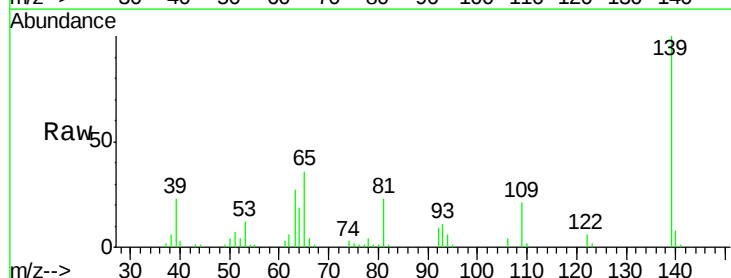
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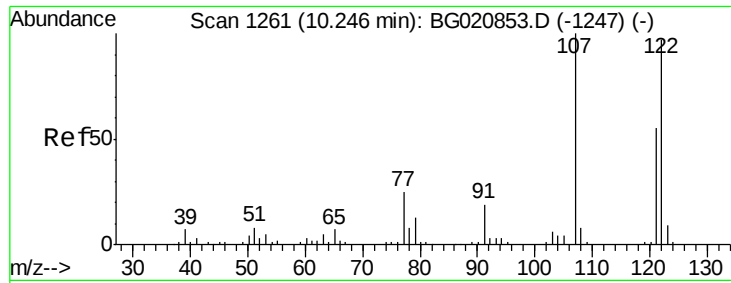
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#26
2-Nitrophenol
Concen: 41.46 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	34653		
109	21.3		17.6	26.4
65	35.6		31.0	46.6





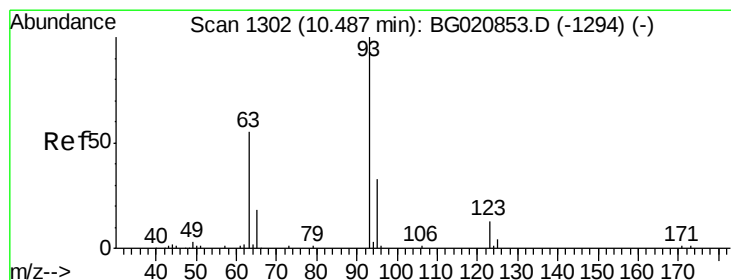
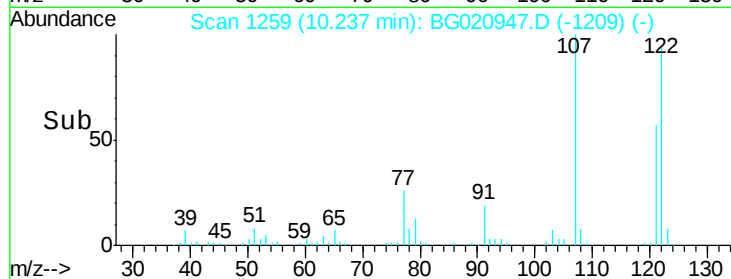
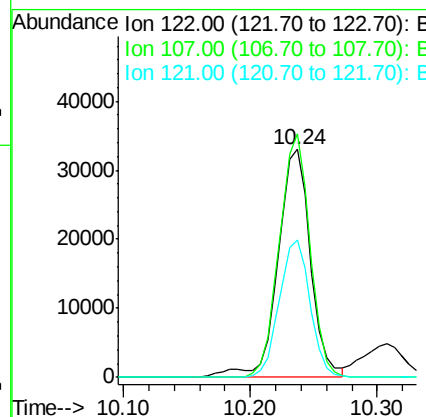
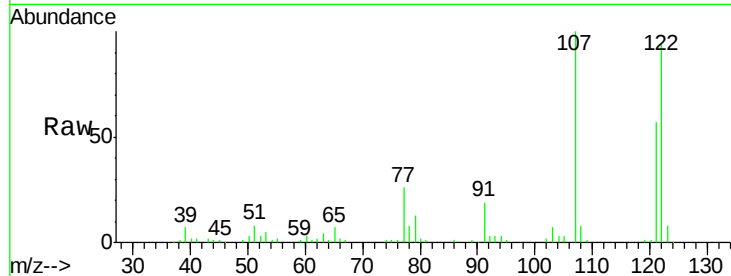
#27
2,4-Dimethylphenol
Concen: 36.75 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.9	82.6	124.0
121	60.4	45.6	68.4

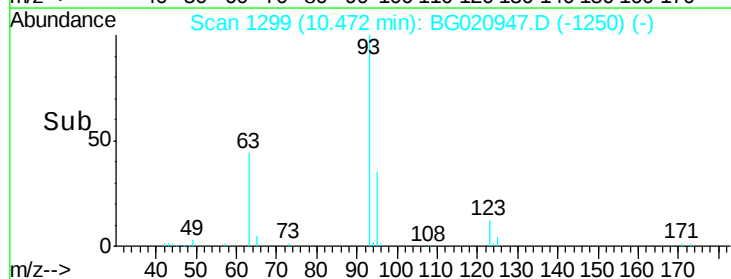
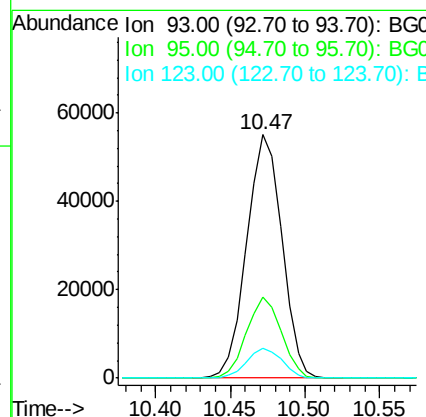
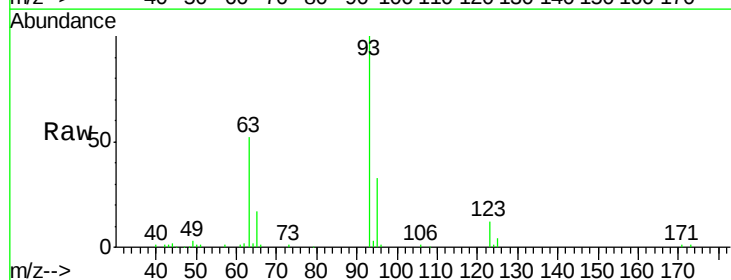
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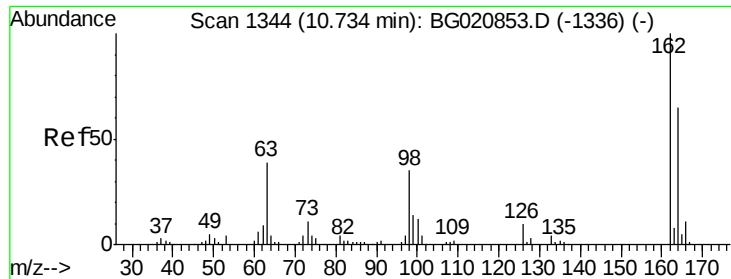
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#28
bis(2-Chloroethoxy)methane
Concen: 45.35 ng
RT: 10.47 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.2
123	12.4	10.0	15.0





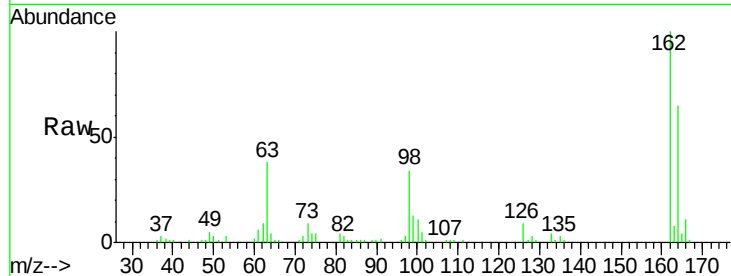
#29
 2,4-Dichlorophenol
 Concen: 42.16 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

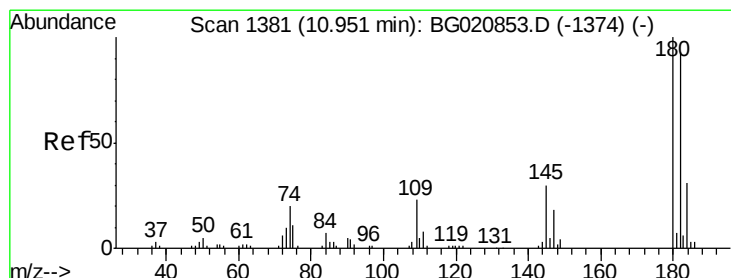
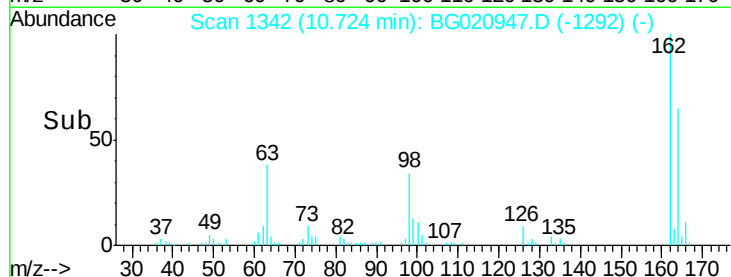
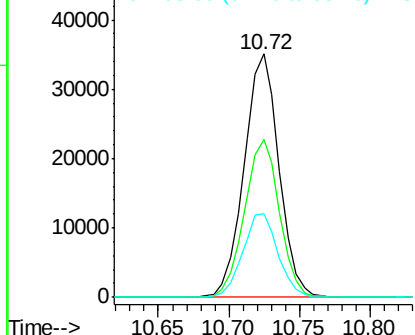
Tot Ion:	162	Resp:	60522
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.5	84.5
98	34.4	14.9	54.9

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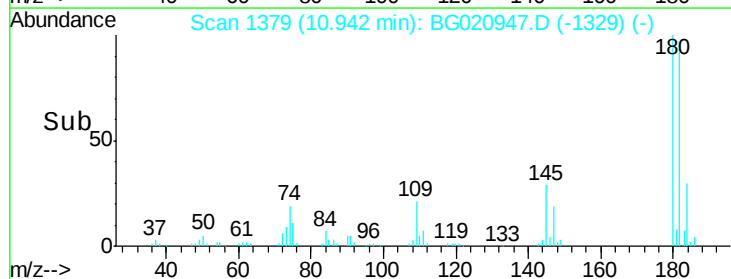
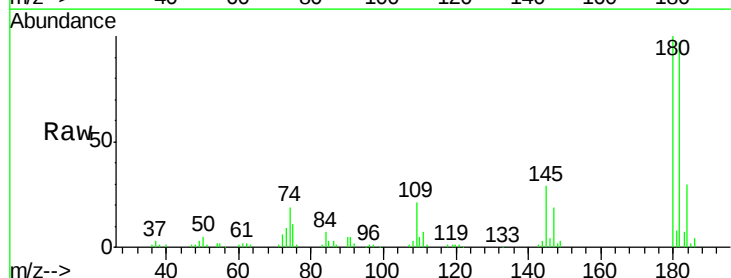
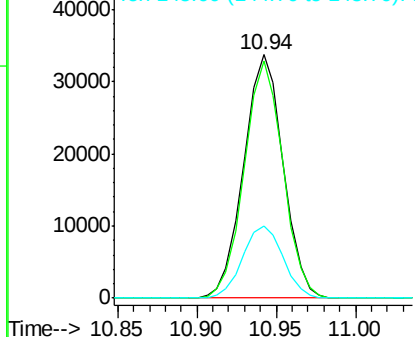
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

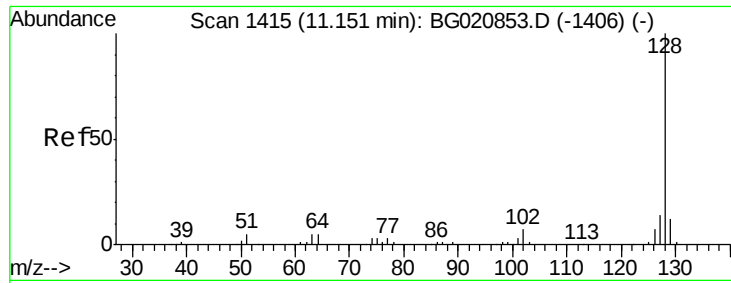


#30
 1,2,4-Trichlorobenzene
 Concen: 40.33 ng
 RT: 10.94 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:	180	Resp:	58313
Ion Ratio	Lower	Upper	
180	100		
182	97.5	74.1	111.1
145	29.5	24.1	36.1

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





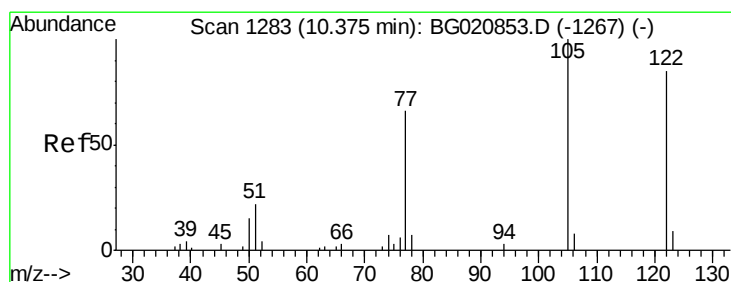
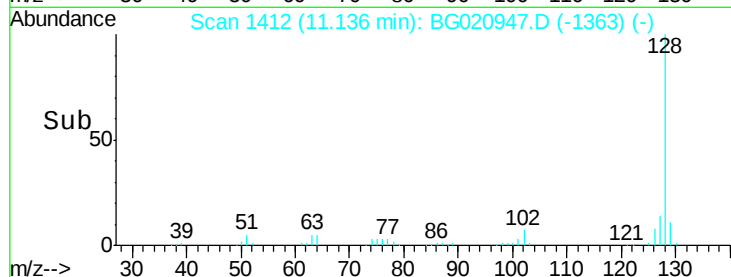
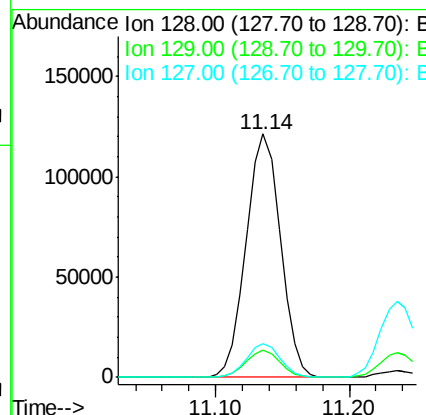
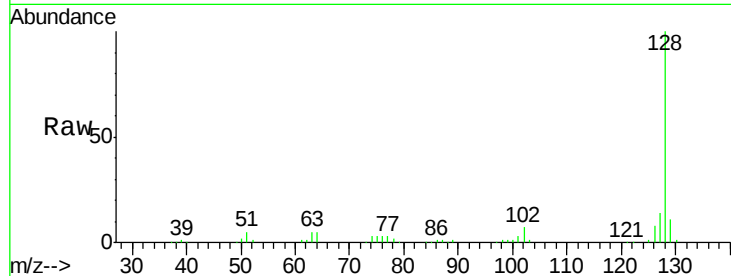
#31
Naphthalene
Concen: 41.64 ng
RT: 11.14 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	215817		
129	11.3	9.3	13.9	
127	13.7	11.4	17.2	

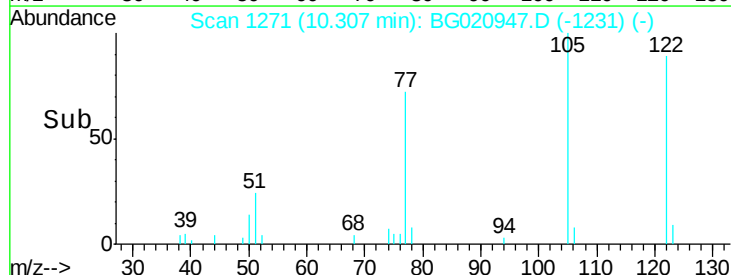
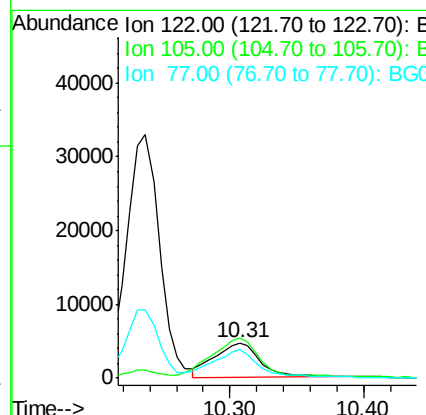
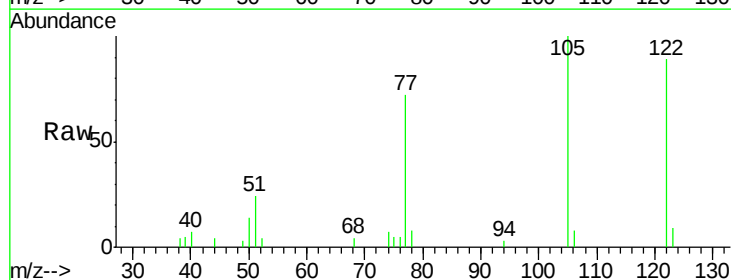
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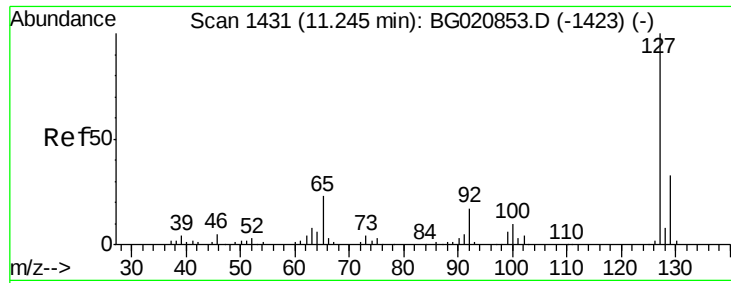
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#32
Benzoic acid
Concen: 8.65 ng
RT: 10.31 min Scan# 1271
Delta R.T. -0.07 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	11117		
105	112.4	94.0	134.0	
77	80.5	56.8	96.8	





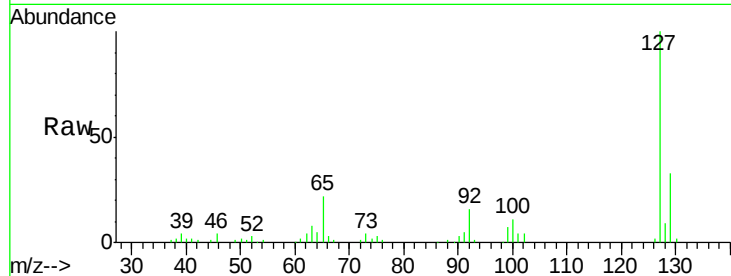
#33
4-Chloroaniline
Concen: 31.55 ng
RT: 11.24 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

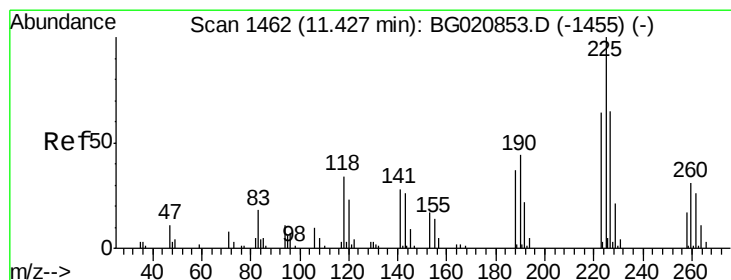
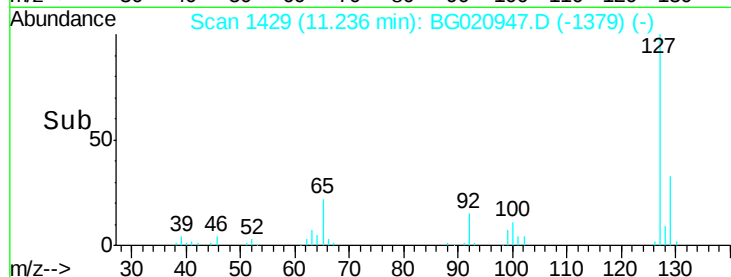
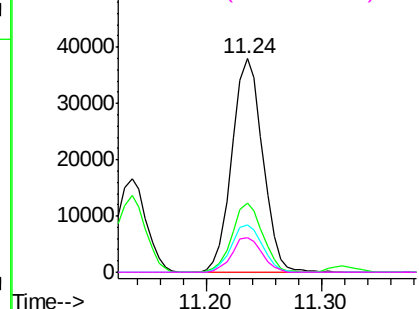
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	22.3	18.6	27.8
92	16.5	13.3	19.9

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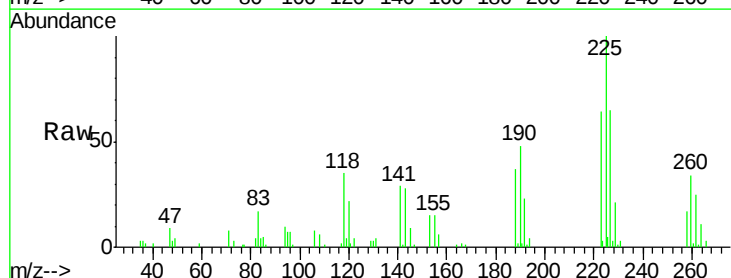


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

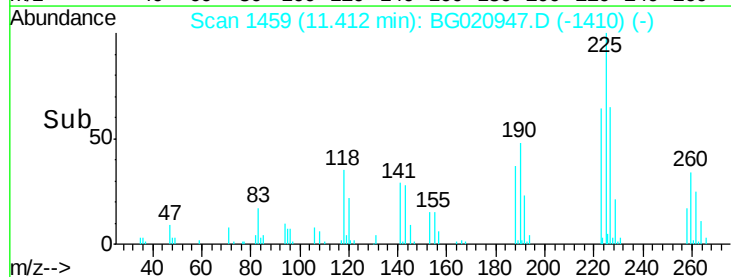
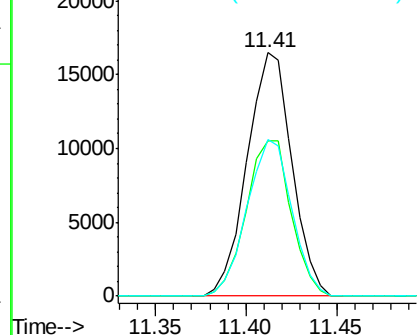


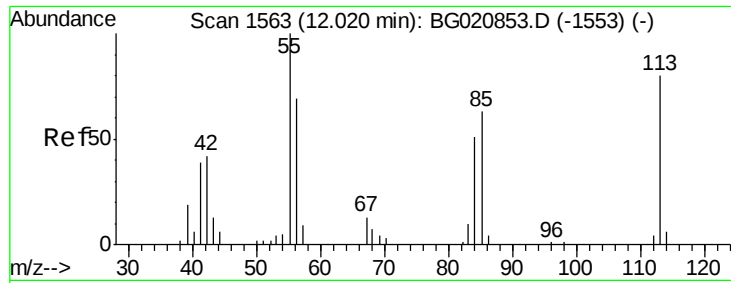
#34
Hexachlorobutadiene
Concen: 38.33 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	64.5	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





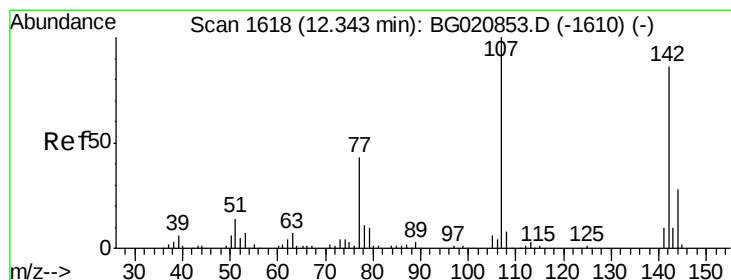
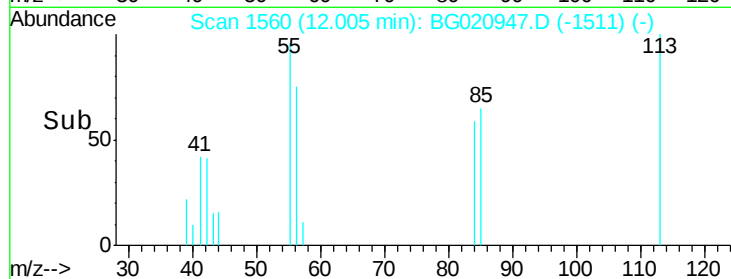
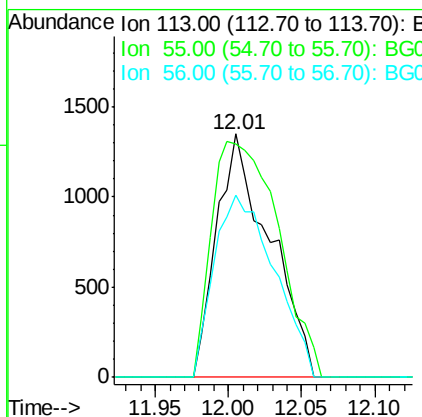
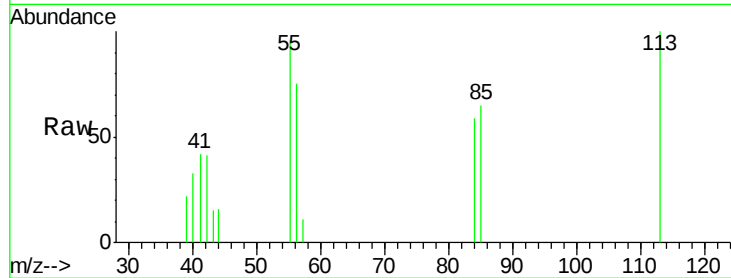
#35
 Caprolactam
 Concen: 6.16 ng/ml
 RT: 12.01 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	95.9	104.4	144.4#
56	74.8	65.4	105.4

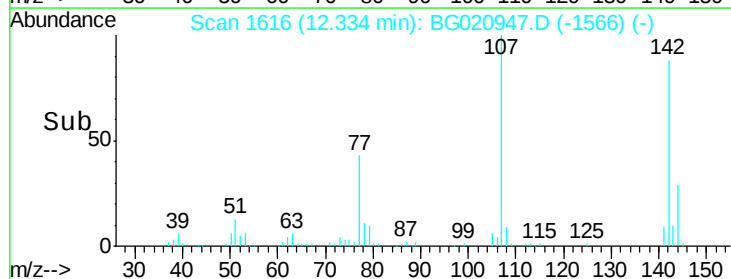
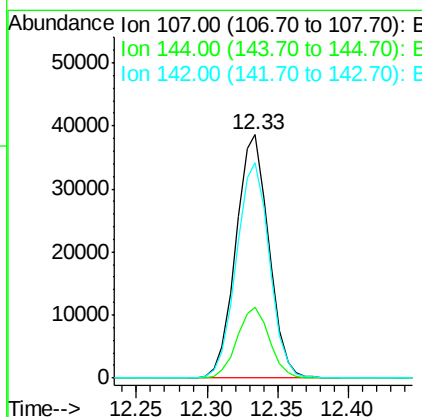
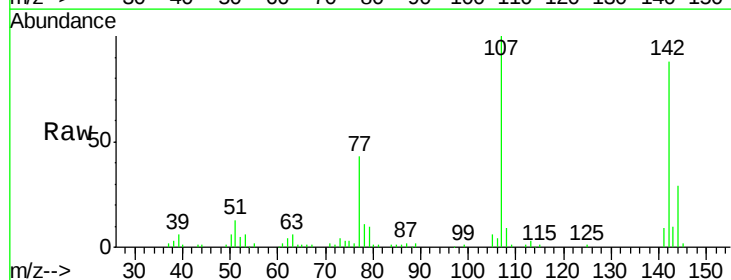
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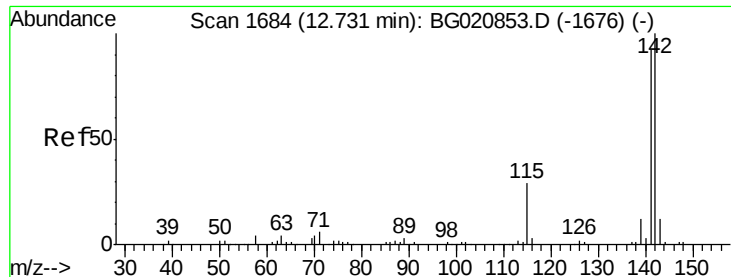
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#36
 4-Chloro-3-methylphenol
 Concen: 38.22 ng/ml
 RT: 12.33 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	22.4	33.6
142	88.5	68.6	103.0





#37

2-Methylnaphthalene

Concen: 46.61 ng

RT: 12.72 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG020947.D

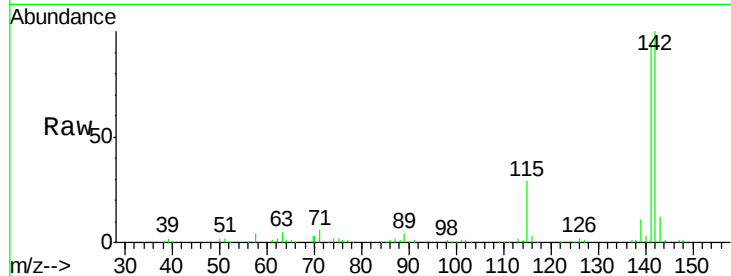
Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampled :

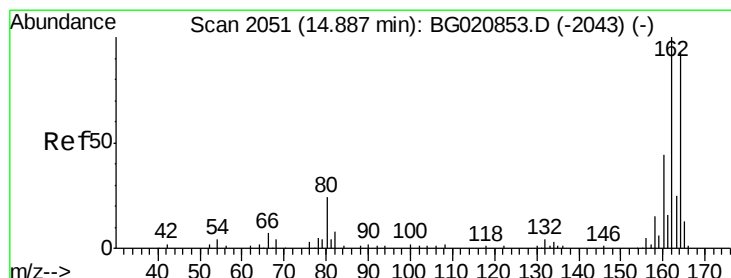
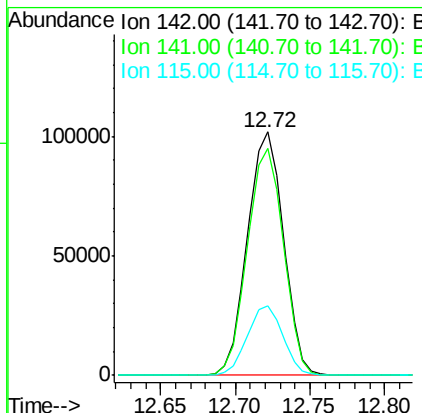
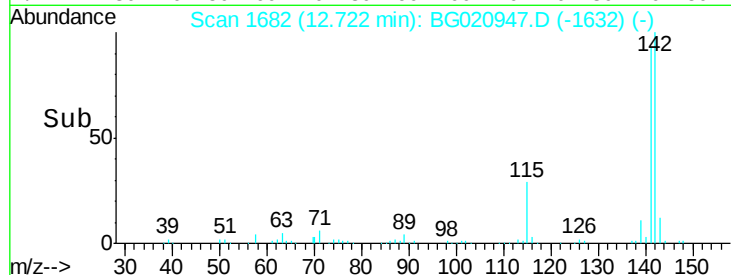
HW-41MSD



Tot Ion:	142	Resp:	169486
Ion Ratio	Lower	Upper	
142	100		
141	93.5	73.4	110.2
115	28.7	23.0	34.6

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#38

Acenaphthene-d10

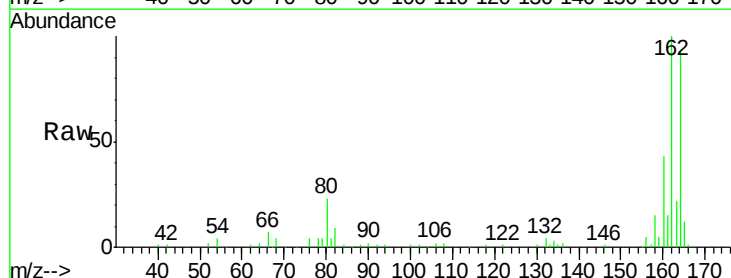
Concen: 20.00 ng

RT: 14.87 min Scan# 2048

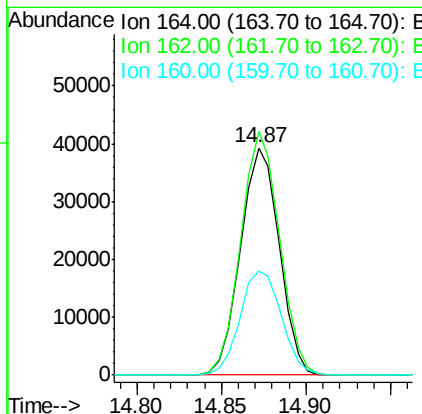
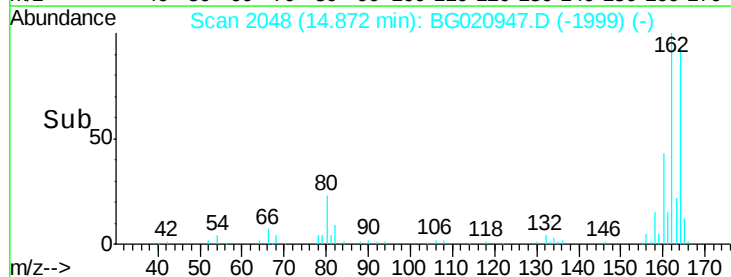
Delta R.T. -0.02 min

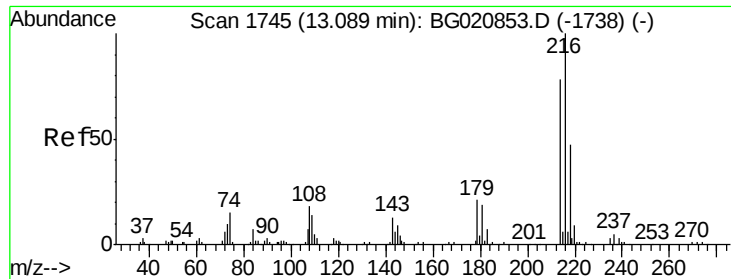
Lab File: BG020947.D

Acq: 18 Feb 2016 22:27



Tgt Ion:	164	Resp:	62454
Ion Ratio	Lower	Upper	
164	100		
162	107.2	85.7	128.5
160	46.0	37.4	56.0





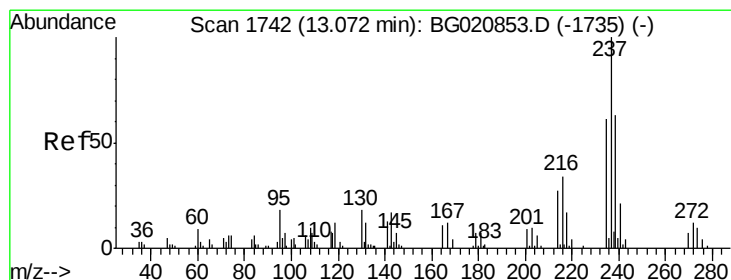
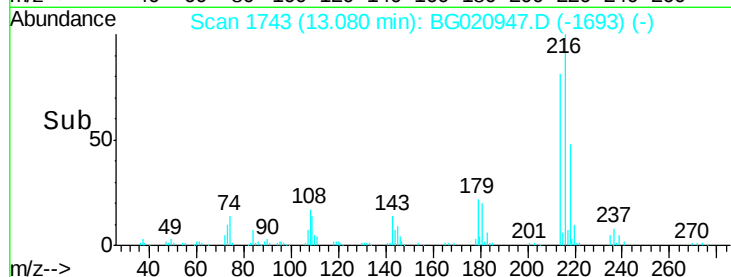
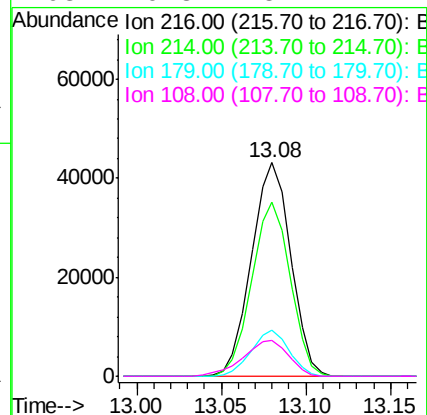
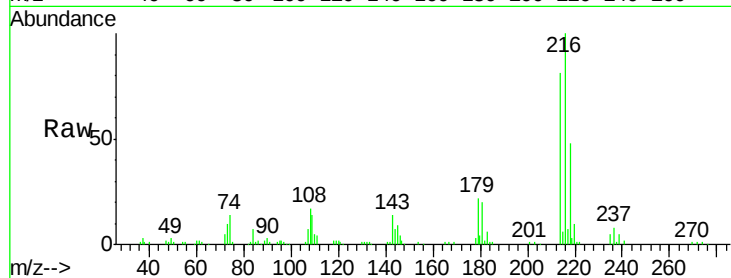
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.12 ng
 RT: 13.08 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		69844		
214	79.7	61.9	92.9		
179	20.8	16.5	24.7		
108	19.3	15.1	22.7		

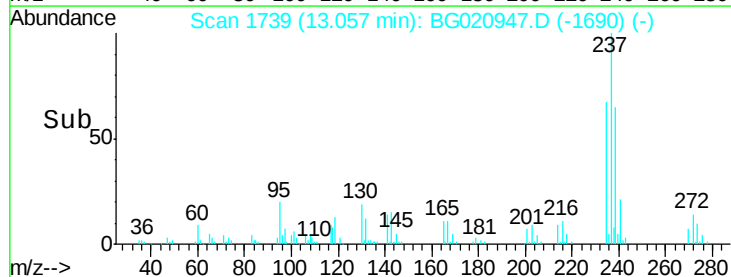
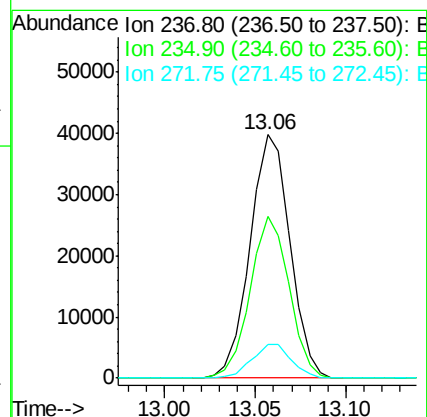
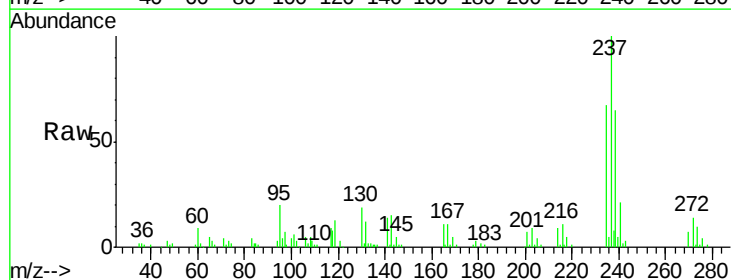
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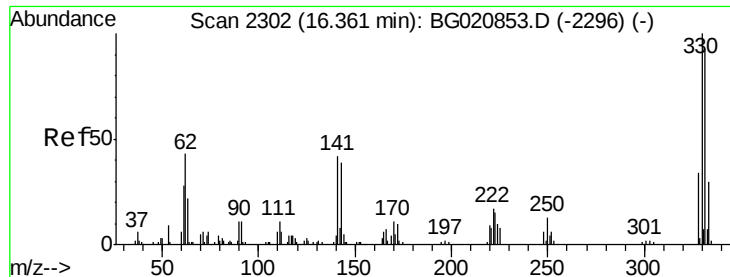
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#40
 Hexachlorocyclopentadiene
 Concen: 76.12 ng
 RT: 13.06 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		61354		
235	66.6	40.8	80.8		
272	13.8	0.0	32.3		





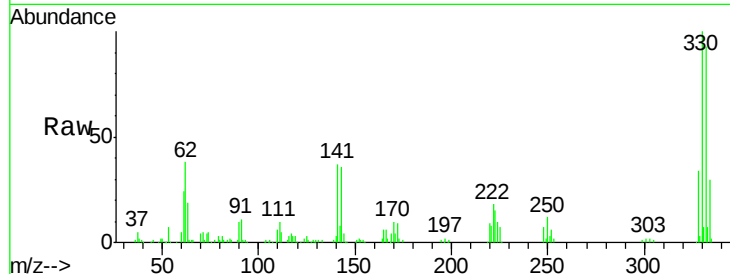
#41
 2,4,6-Tribromophenol
 Concen: 175.86 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.1	114.1	
141	37.2	32.0	48.0	

Manual Integrations
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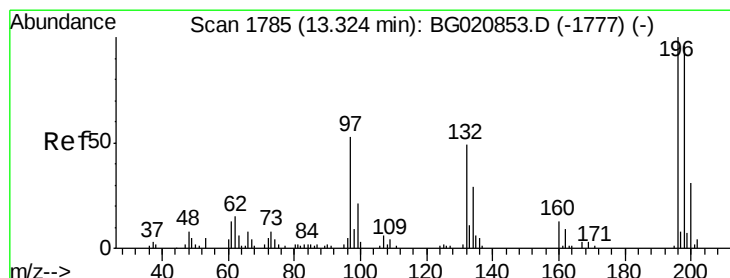
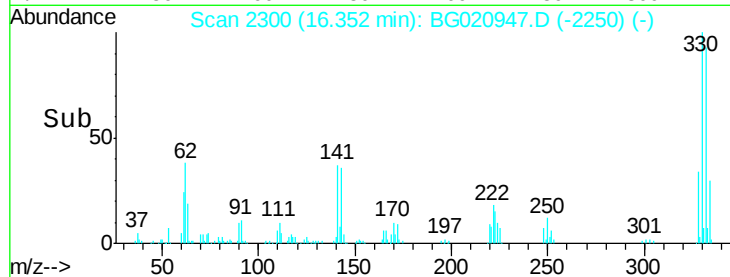
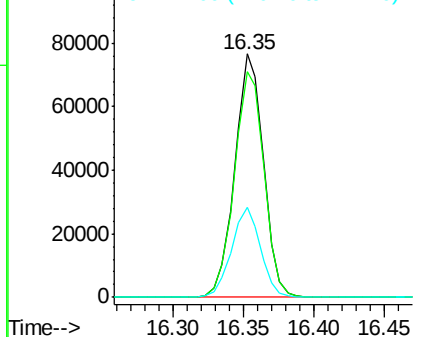


Abundance

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: 41.92 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

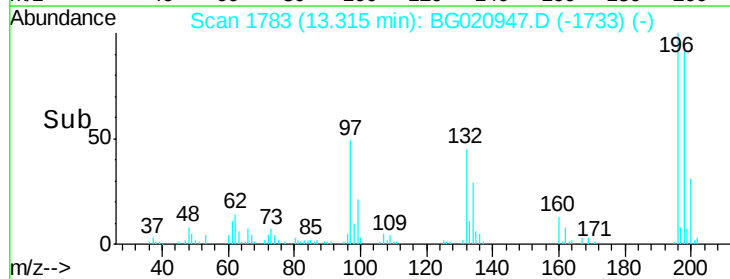
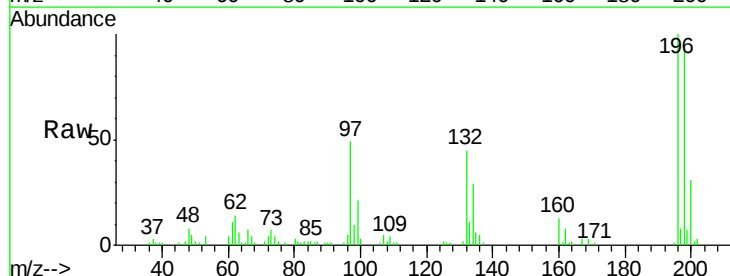
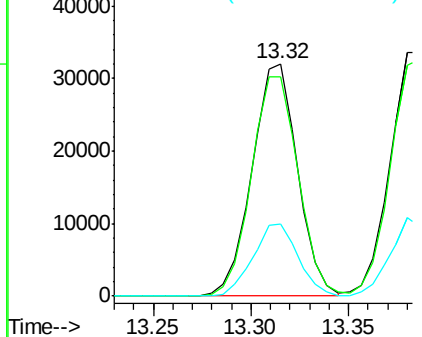
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.4	77.1	115.7	
200	31.1	24.7	37.1	

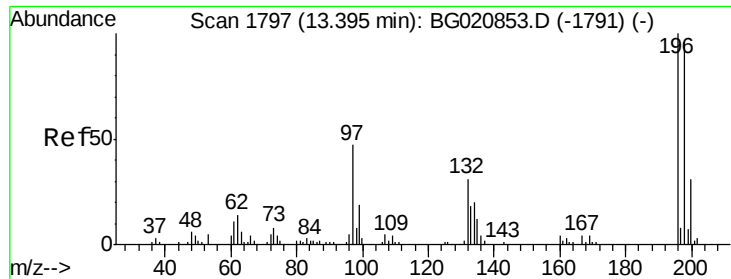
Abundance

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





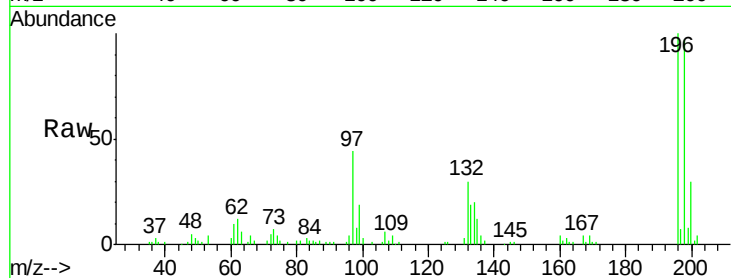
#43
 2,4,5-Trichlorophenol
 Concen: 43.43 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

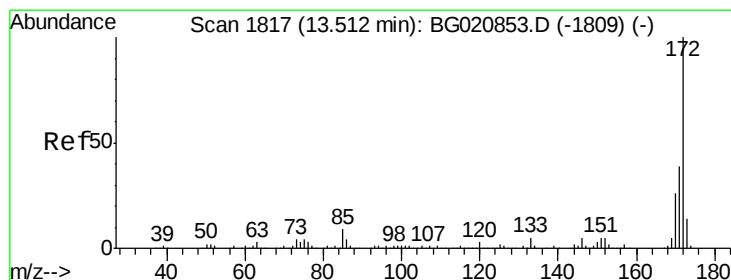
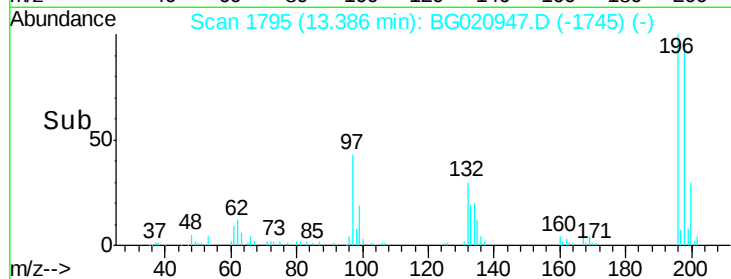
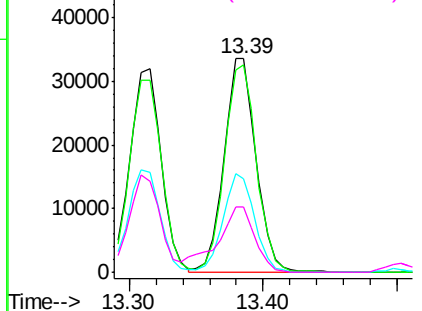
Tot Ion:	196	Resp:	56198
Ion Ratio	Lower	Upper	
196	100		
198	96.9	76.4	114.6
97	43.7	37.4	56.0
132	30.3	24.7	37.1

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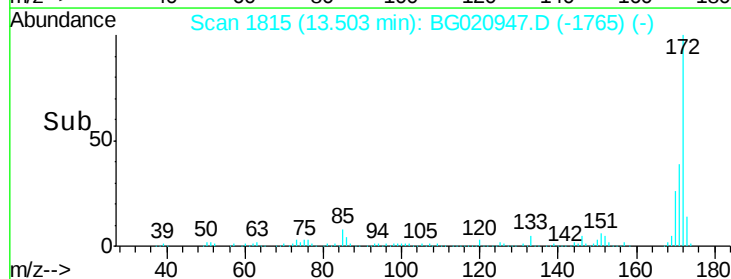
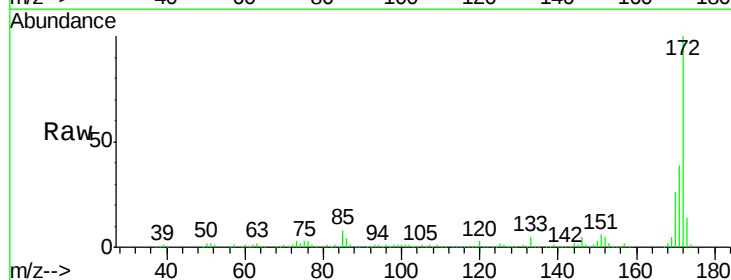
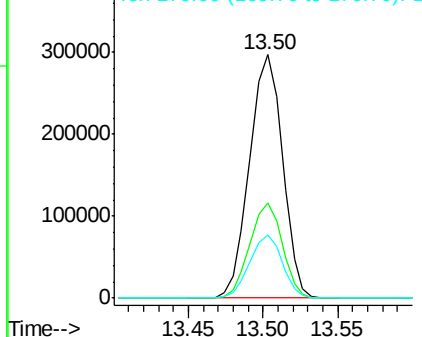
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

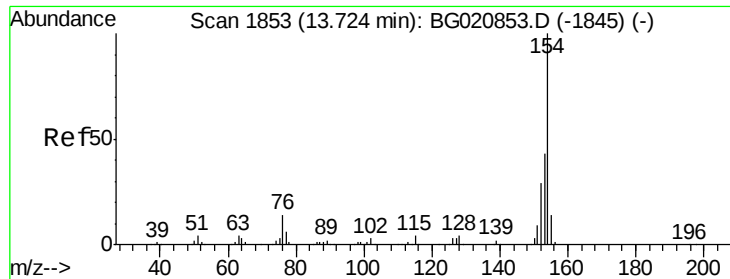


#44
 2-Fluorobiphenyl
 Concen: 102.37 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:	172	Resp:	455129
Ion Ratio	Lower	Upper	
172	100		
171	39.0	31.2	46.8
170	26.0	20.6	30.8

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





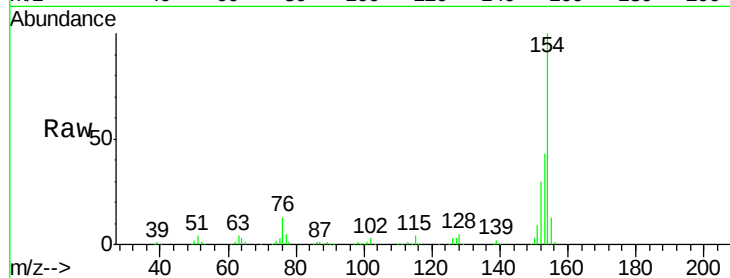
#45
 1,1'-Biphenyl
 Concen: 39.94 ng
 RT: 13.71 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

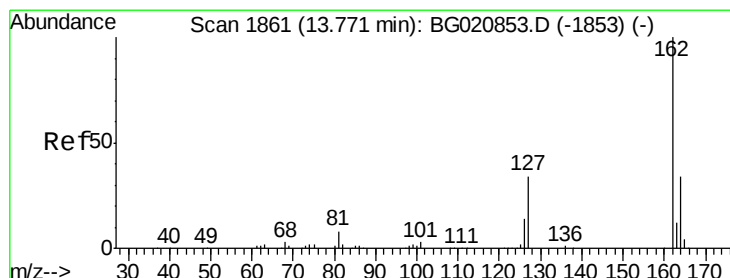
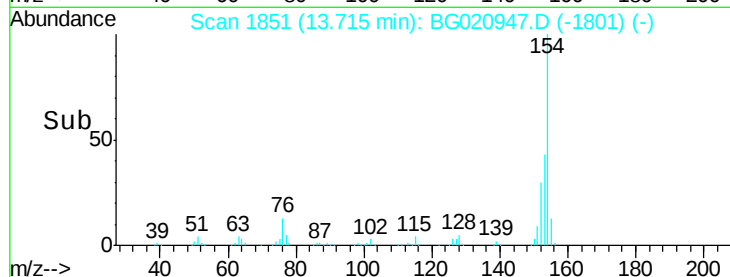
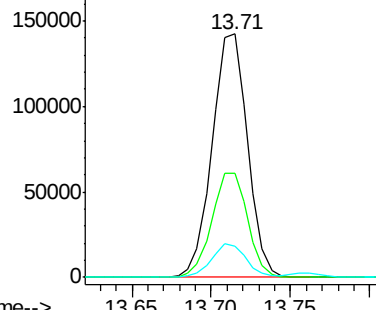
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	42.9	22.5	62.5
76	12.7	0.0	33.8

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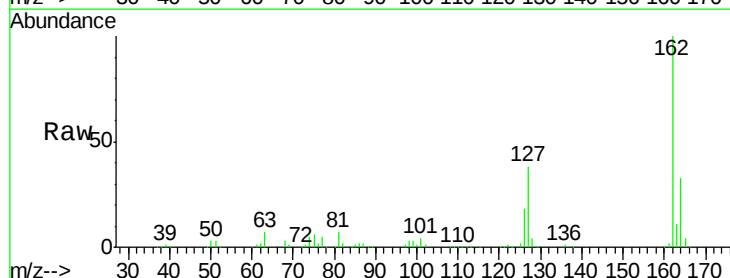


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

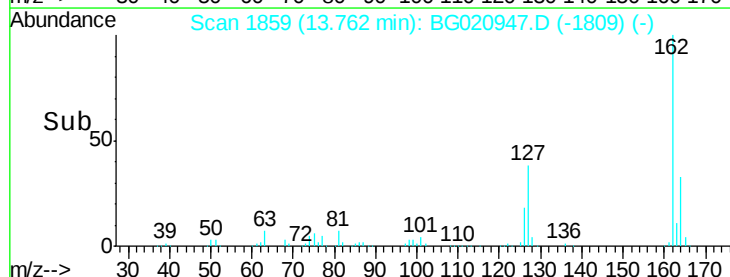
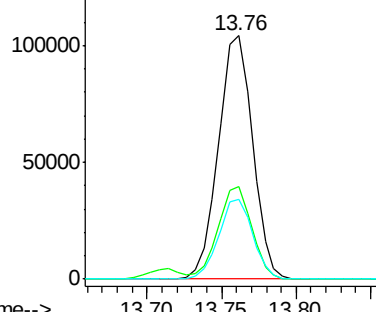


#46
 2-Chloronaphthalene
 Concen: 41.74 ng
 RT: 13.76 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	37.8	30.6	45.8
164	32.8	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





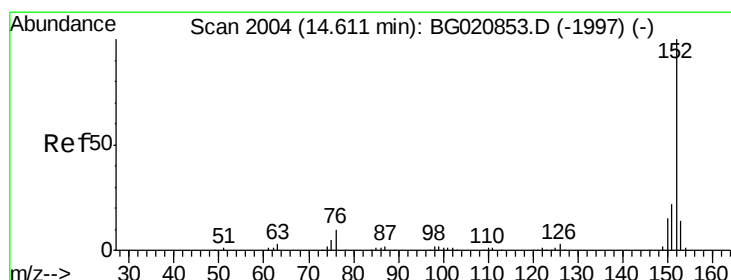
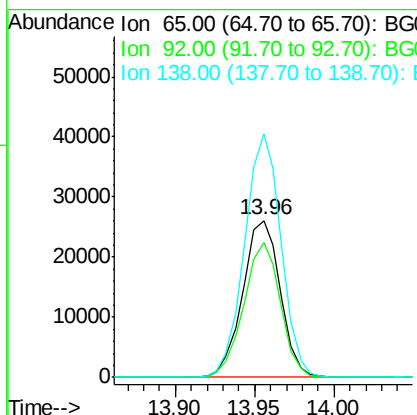
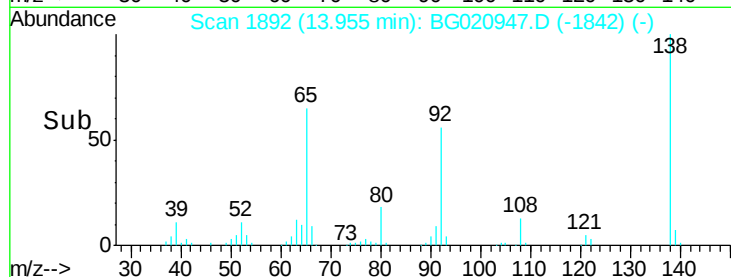
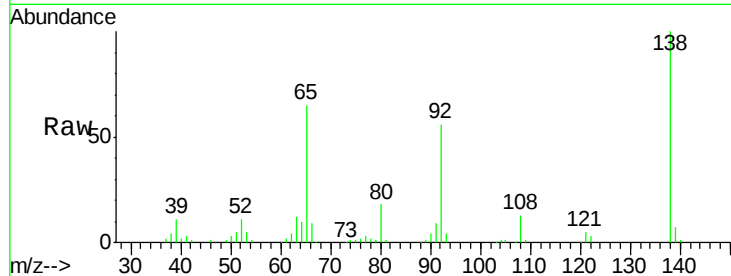
#47
 2-Nitroaniline
 Concen: 45.39 ng
 RT: 13.96 min Scan# 1892
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampled :
 HW-41MSD

Tot Ion:	65	Resp:	42879
Ion Ratio	Lower	Upper	
65	100		
92	86.0	65.8	98.8
138	154.9	117.1	175.7

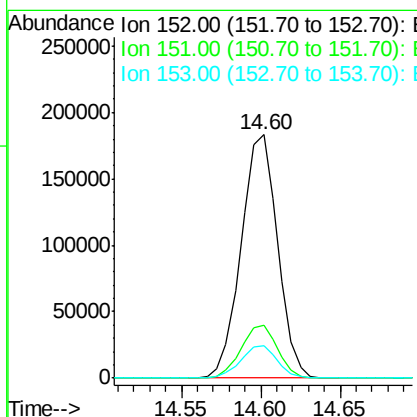
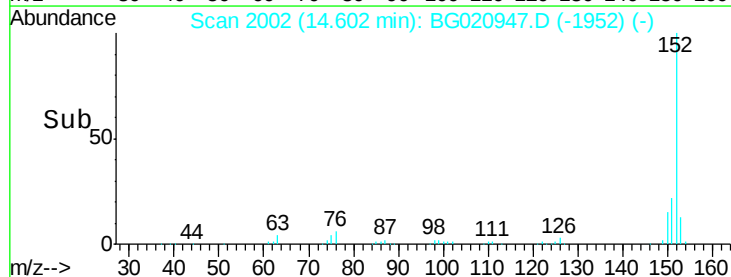
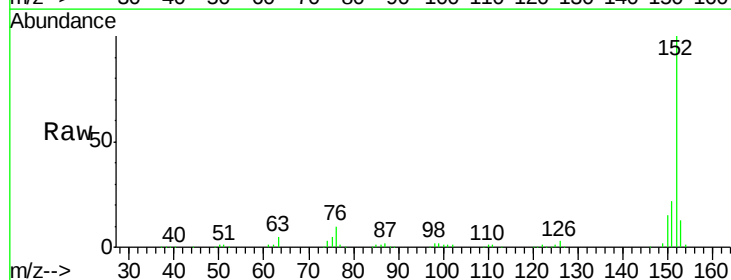
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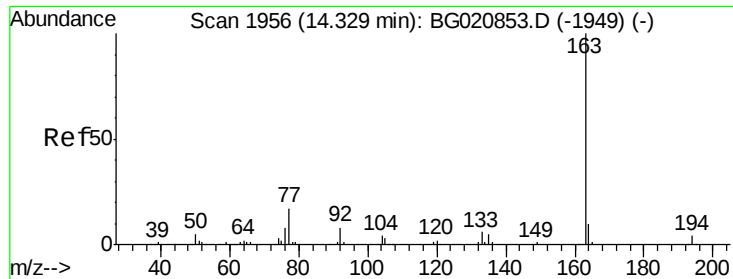
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#48
 Acenaphthylene
 Concen: 42.60 ng
 RT: 14.60 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:	152	Resp:	292154
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.5	26.3
153	13.2	10.9	16.3





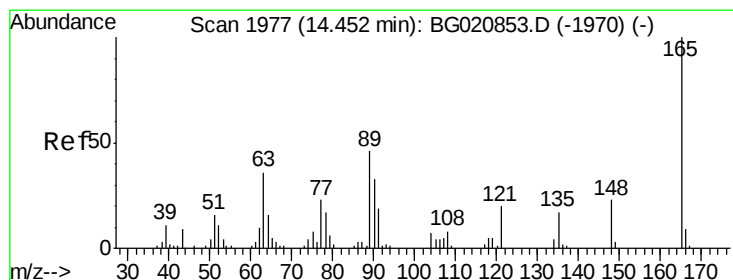
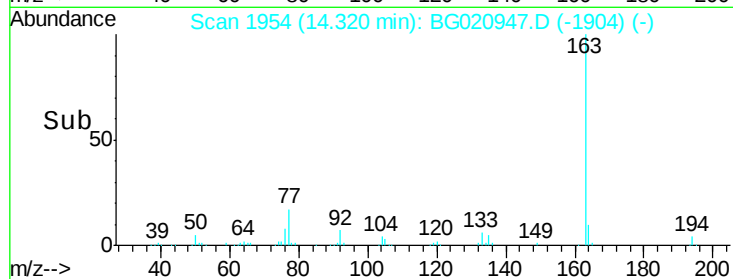
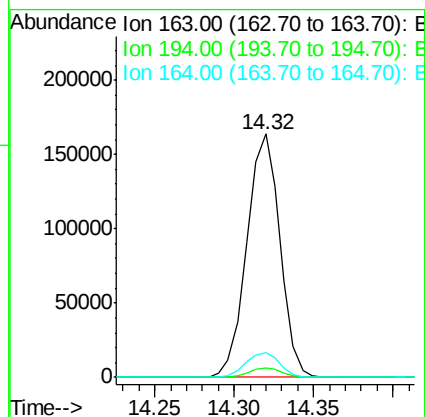
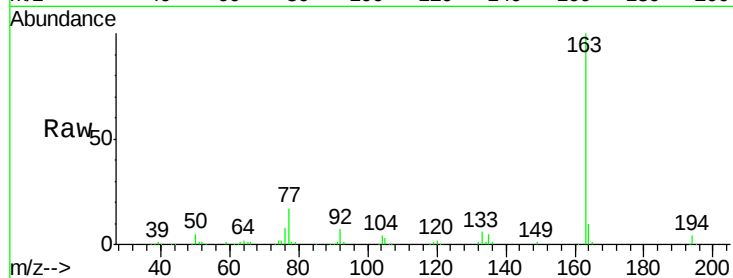
#49
Dimethylphthalate
Concen: 48.49 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	3.1	4.7
164	10.3	8.3	12.5

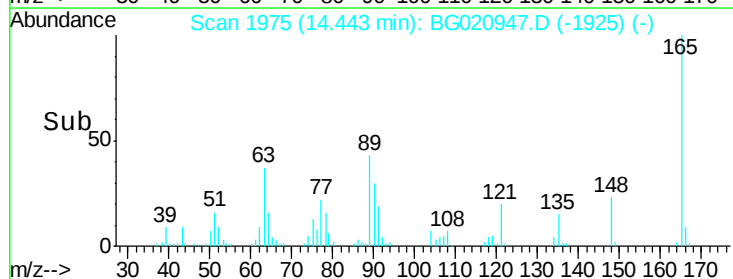
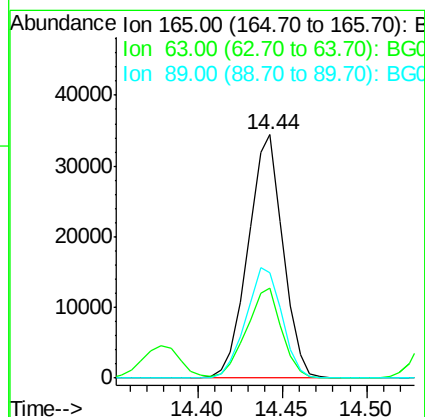
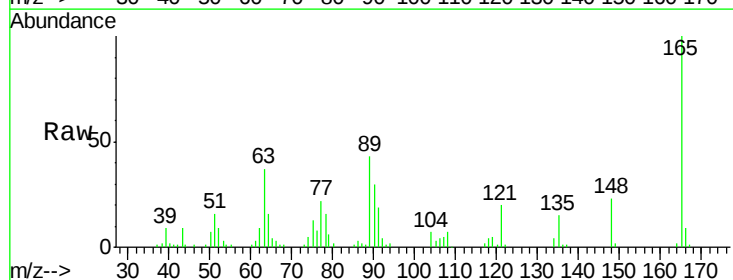
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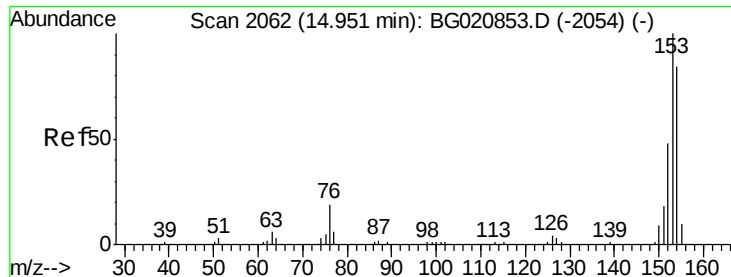
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#50
2,6-Dinitrotoluene
Concen: 47.12 ng
RT: 14.44 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.9	30.3	45.5
89	43.3	36.9	55.3





#51

Acenaphthene

Concen: 46.67 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

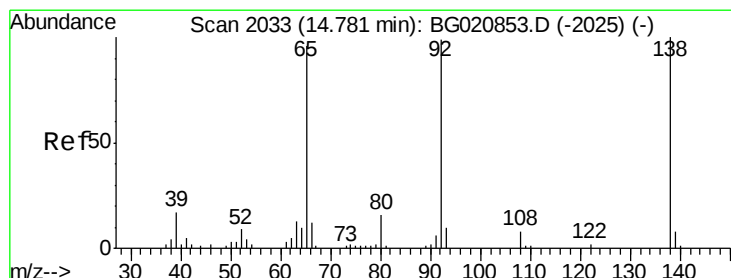
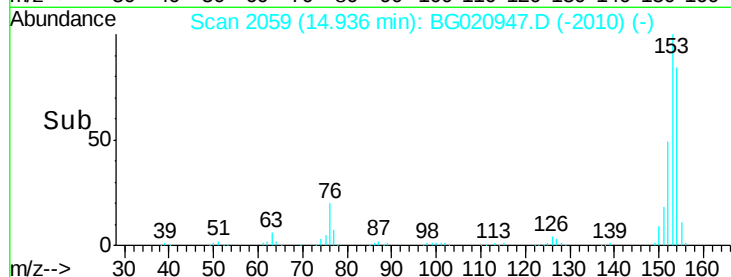
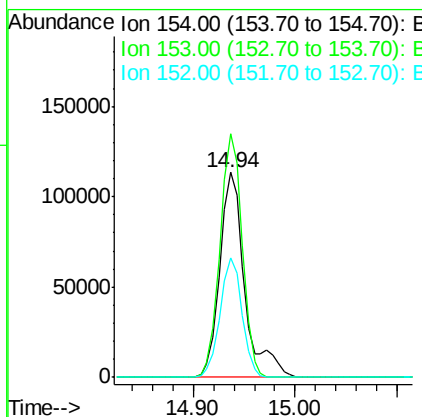
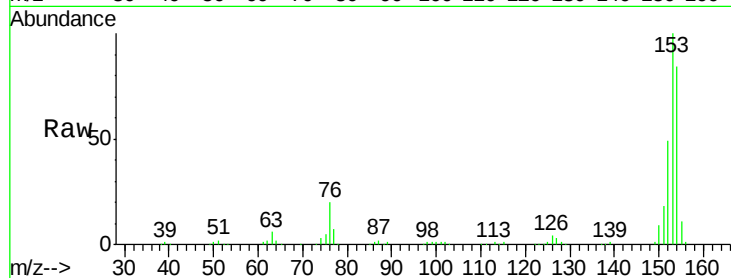
ClientSampleId :

HW-41MSD

Tot Ion:	154	Resp:	194092
Ion Ratio	Lower	Upper	
154	100		
153	118.9	95.4	143.0
152	58.3	46.1	69.1

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#52

3-Nitroaniline

Concen: 37.49 ng

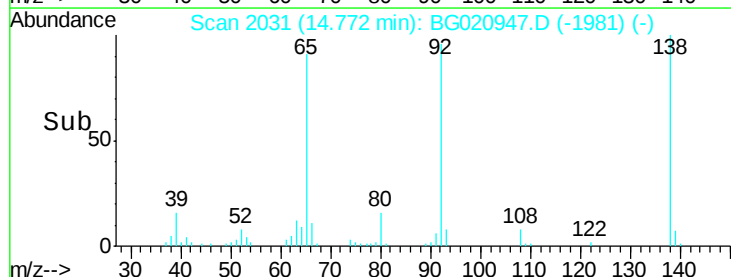
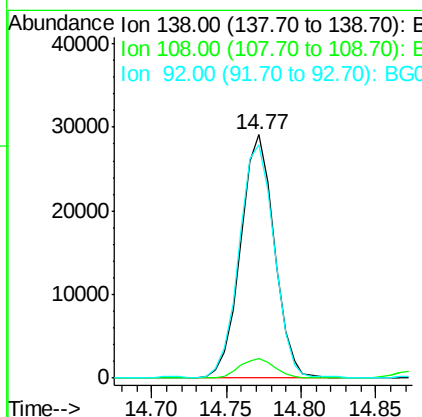
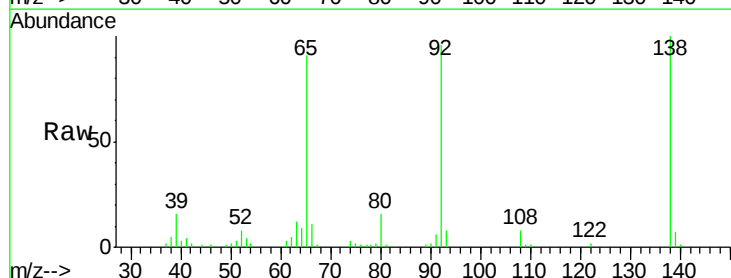
RT: 14.77 min Scan# 2031

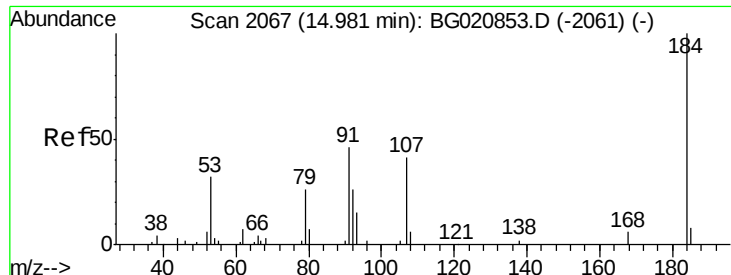
Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:	138	Resp:	45585
Ion Ratio	Lower	Upper	
138	100		
108	8.0	6.2	9.2
92	95.6	79.5	119.3





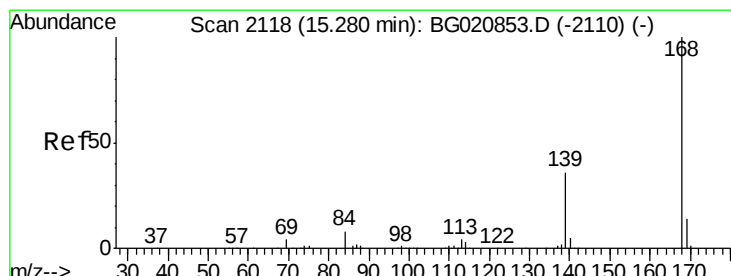
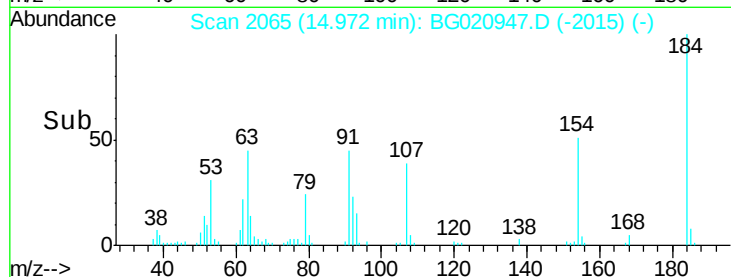
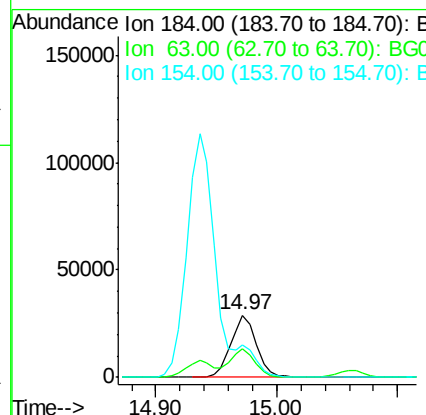
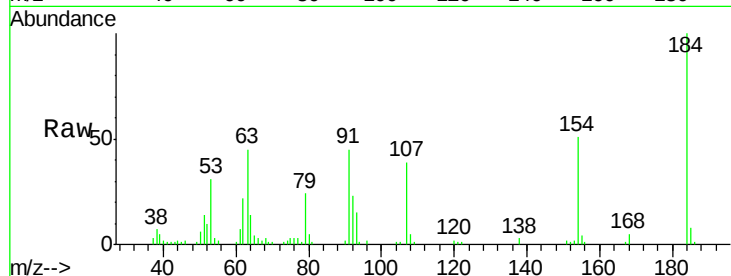
#53
2,4-Dinitrophenol
Concen: 94.99 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.4	39.8	59.6
154	51.0	48.1	72.1

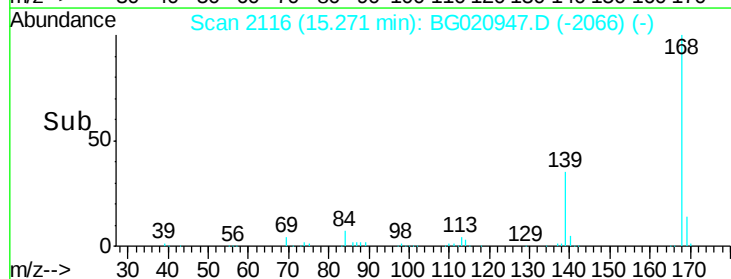
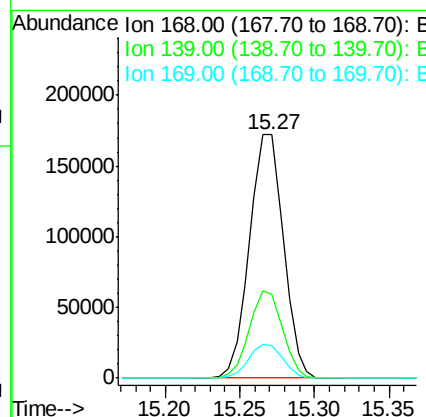
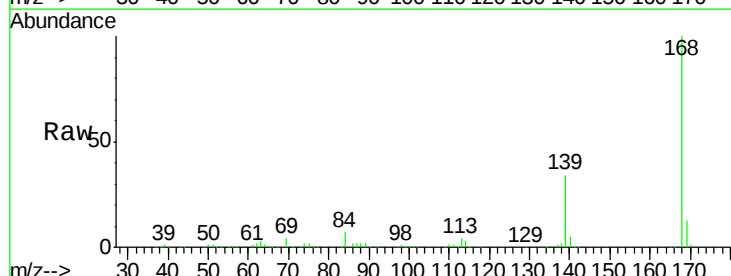
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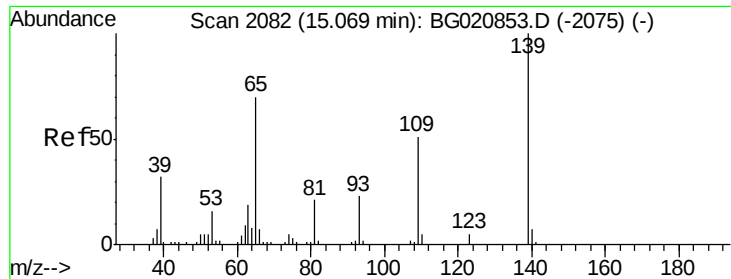
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#54
Dibenzofuran
Concen: 49.18 ng
RT: 15.27 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.3	28.5	42.7
169	13.5	11.0	16.4





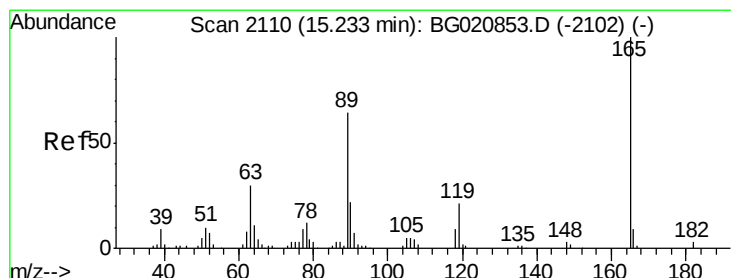
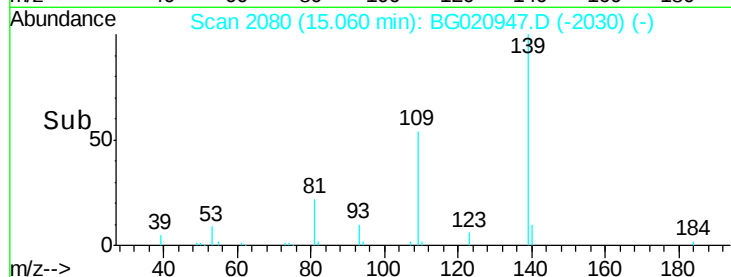
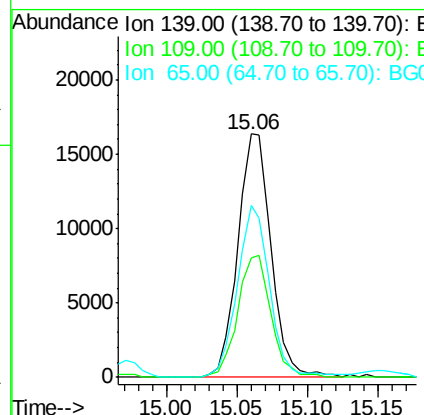
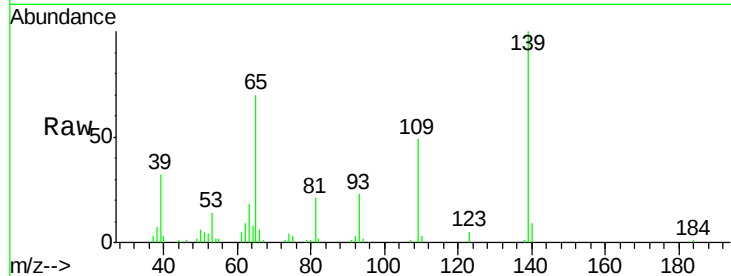
#55
4-Nitrophenol
Concen: 29.30 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	26911		
109	49.2	31.0	71.0	
65	70.4	49.6	89.6	

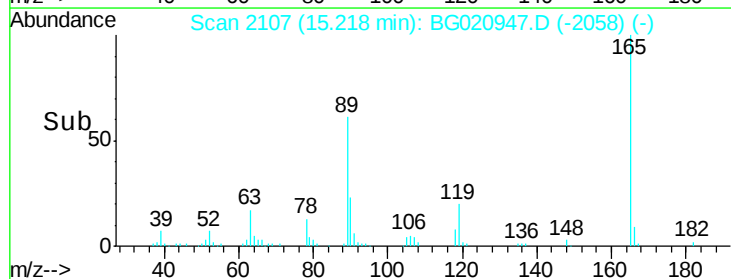
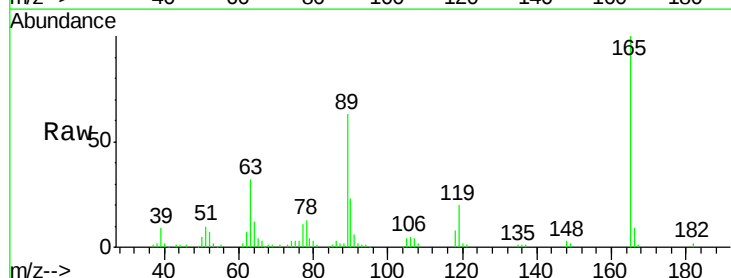
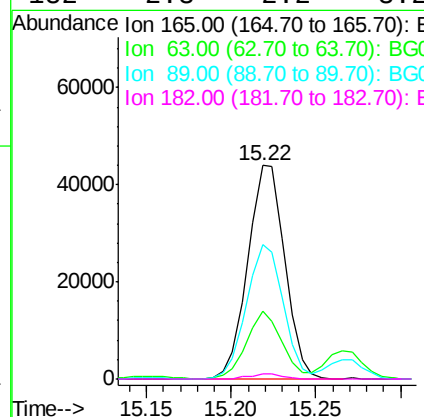
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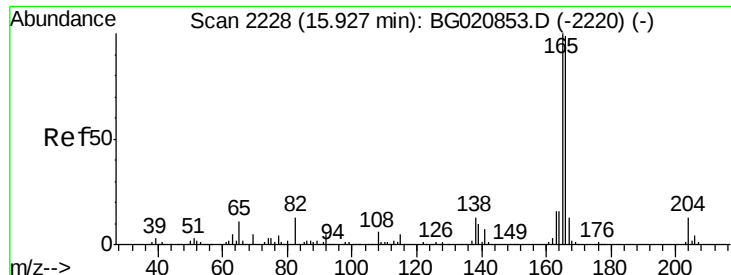
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#56
2,4-Dinitrotoluene
Concen: 49.67 ng
RT: 15.22 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	67191		
63	31.6	23.7	35.5	
89	62.7	50.9	76.3	
182	2.3	2.2	3.2	





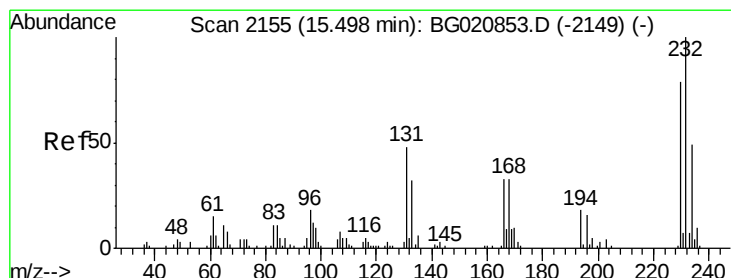
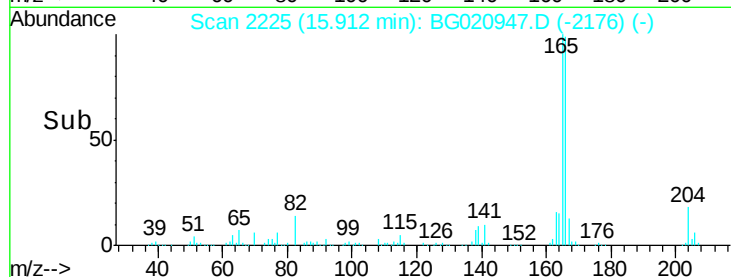
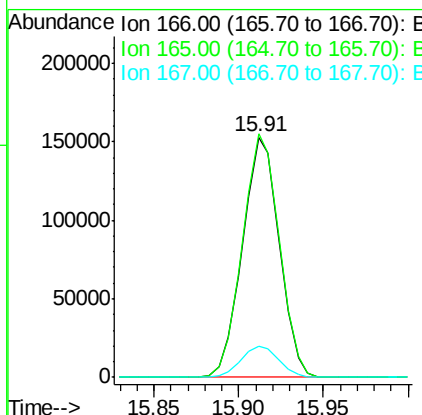
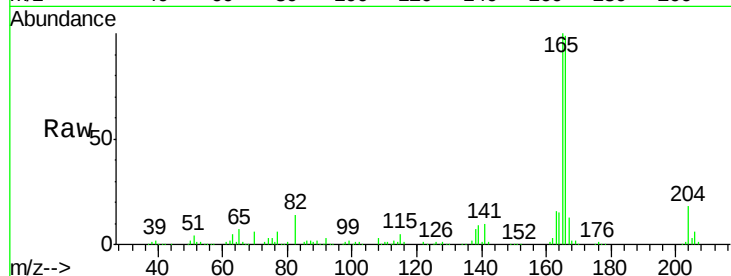
#57
 Fluorene
 Concen: 45.73 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.4	81.0	121.4	
167	13.1	10.8	16.2	

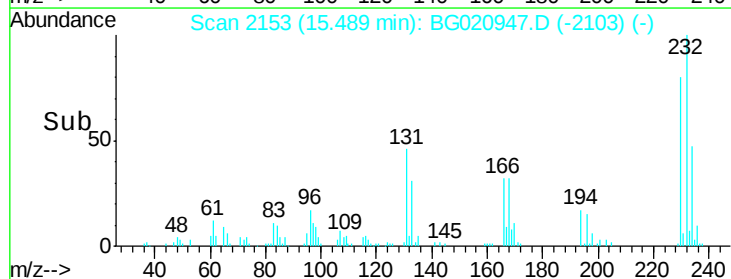
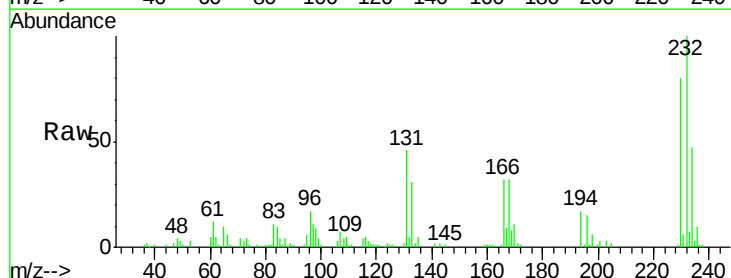
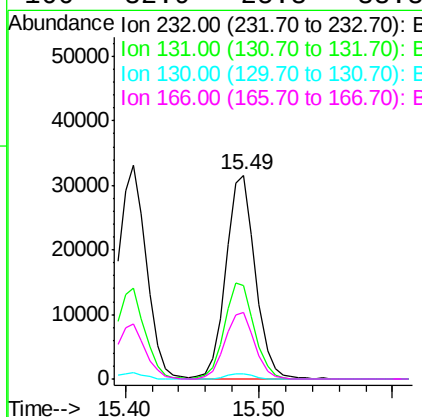
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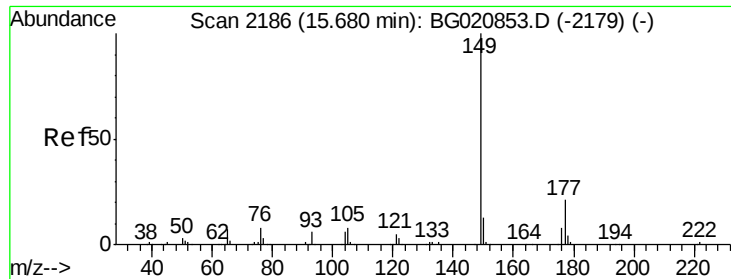
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.25 ng
 RT: 15.49 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.7	39.2	58.8	
130	2.2	2.0	3.0	
166	32.9	25.8	38.8	





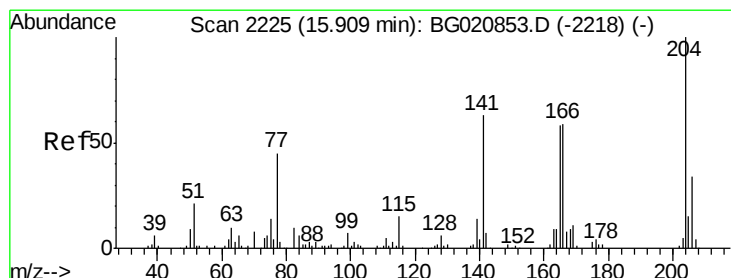
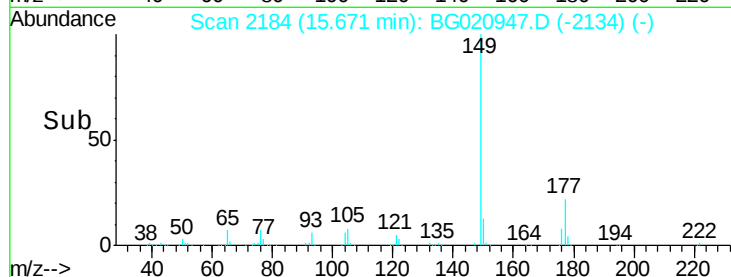
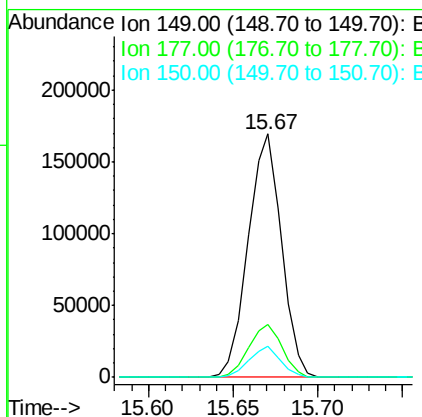
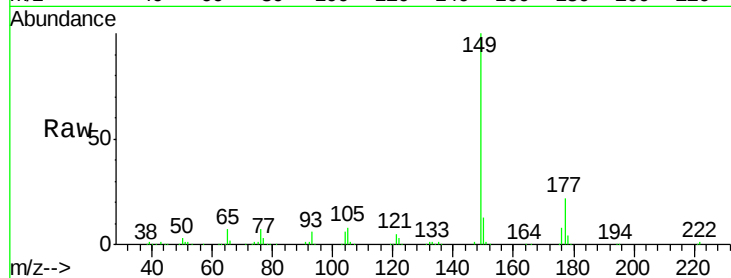
#59
Diethylphthalate
Concen: 46.32 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.9	25.3
150	12.6	10.1	15.1

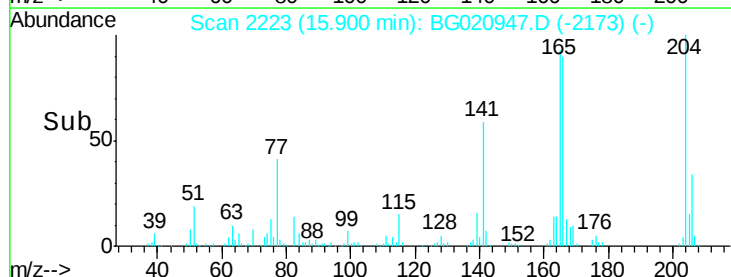
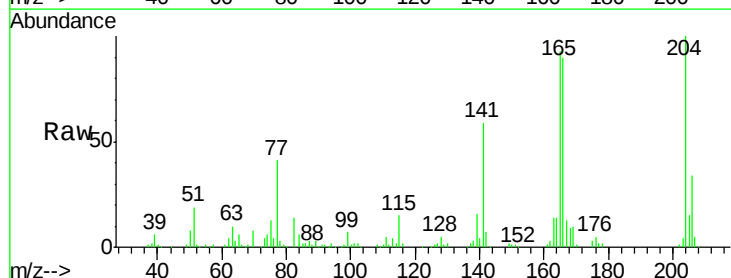
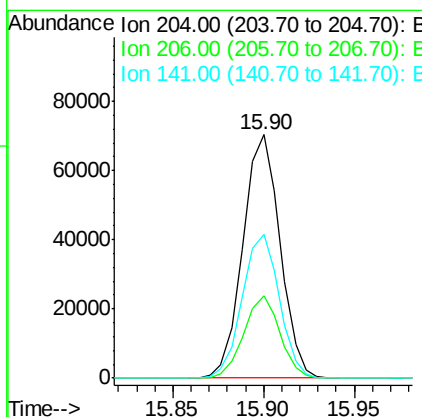
Manual Integrations
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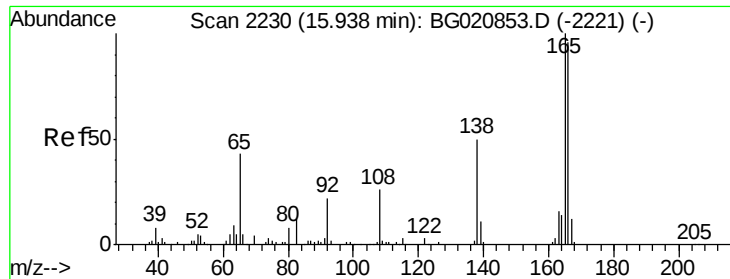
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#60
4-Chlorophenyl-phenylether
Concen: 44.57 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	59.1	50.3	75.5





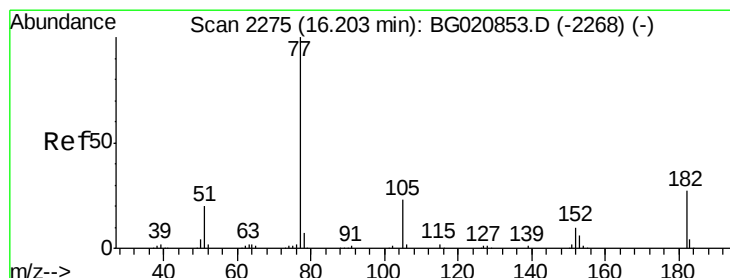
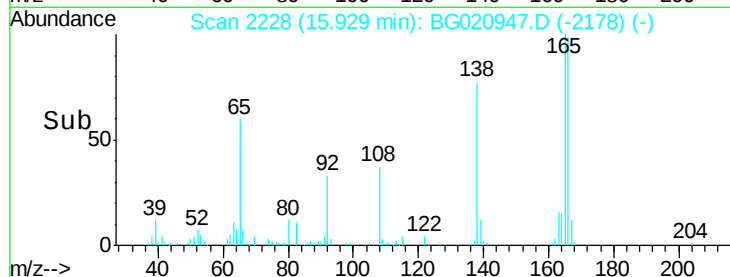
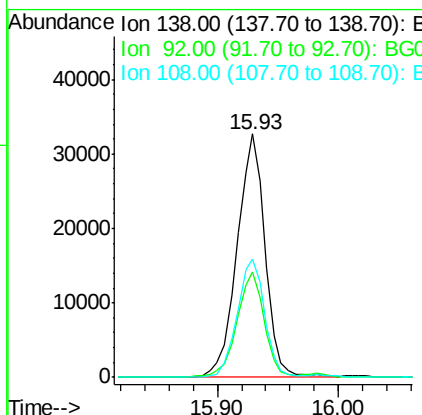
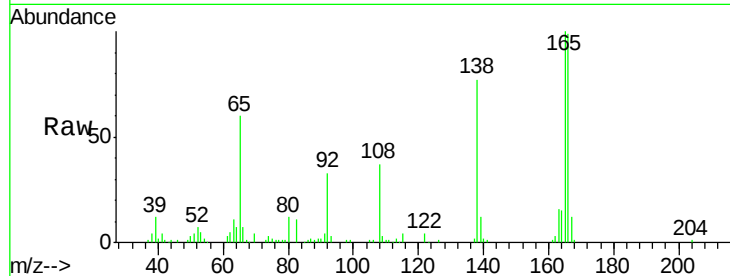
#61
4-Nitroaniline
Concen: 43.05 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.4	24.1	64.1
108	48.5	32.4	72.4

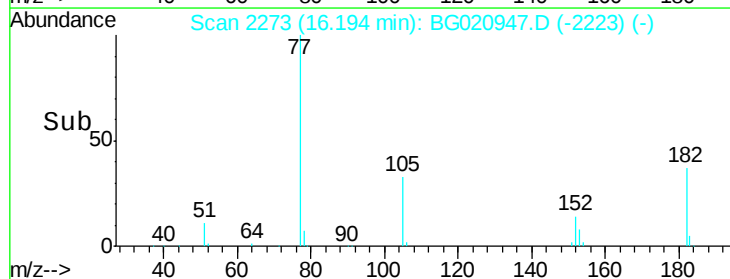
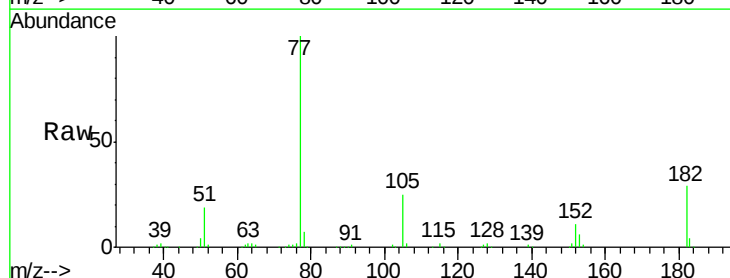
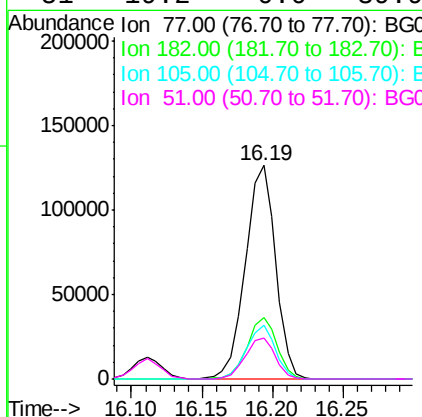
Manual Integrations
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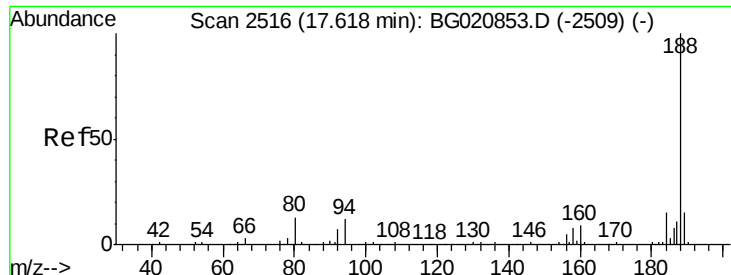
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#62
Azobenzene
Concen: 48.09 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	6.8	46.8
105	25.2	3.4	43.4
51	19.2	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: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

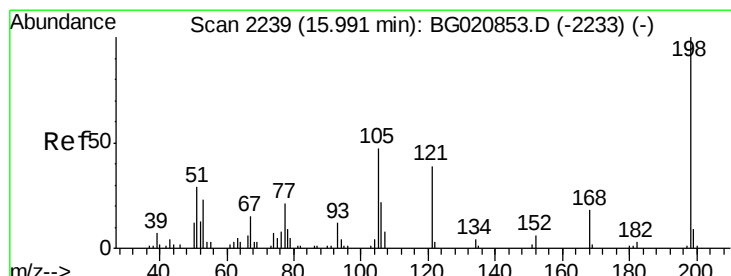
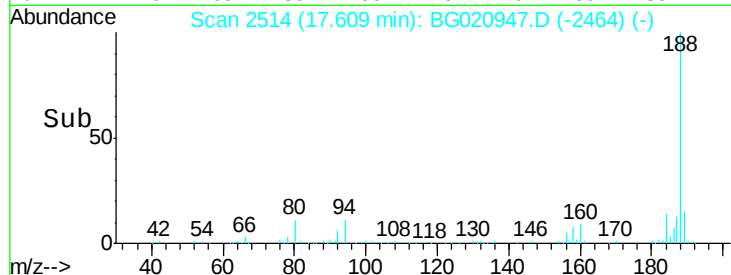
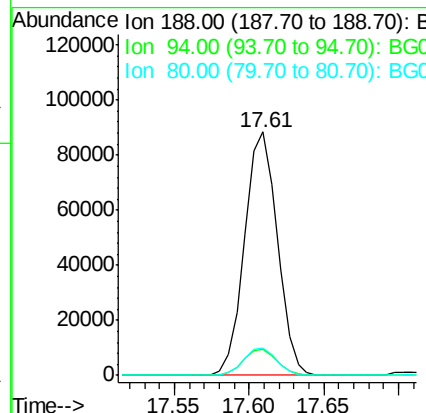
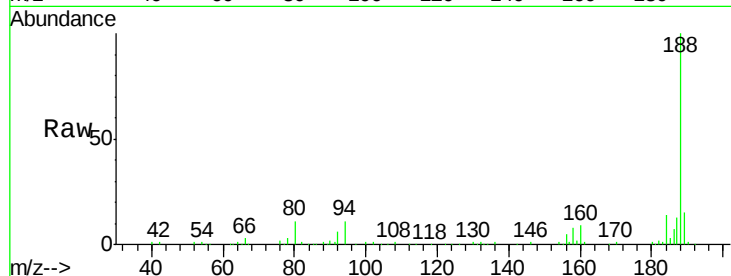
ClientSampleId :

HW-41MSD

Tot Ion:	188	Resp:	134324
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.4	14.0
80	11.3	10.2	15.4

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 43.53 ng

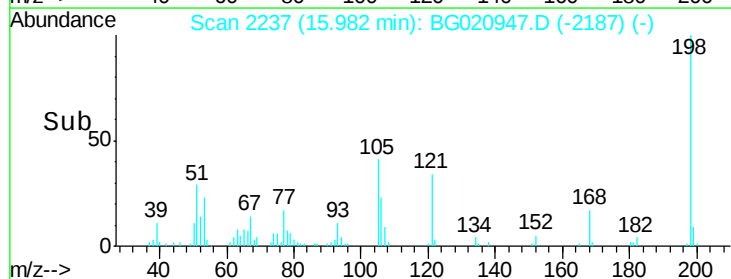
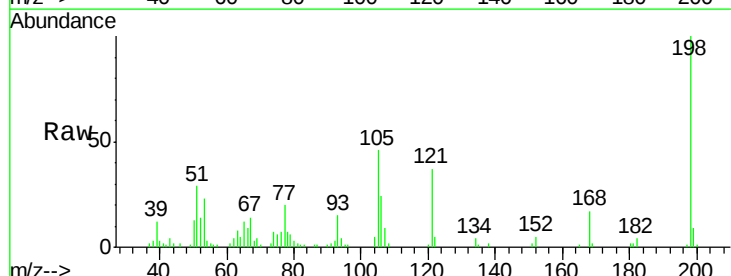
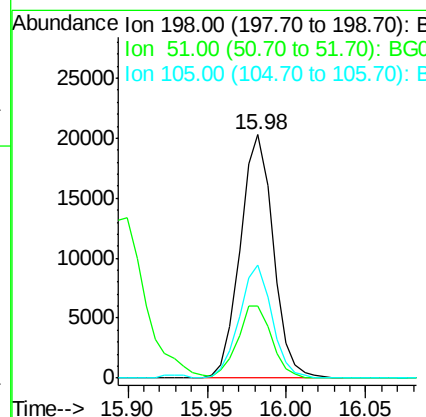
RT: 15.98 min Scan# 2237

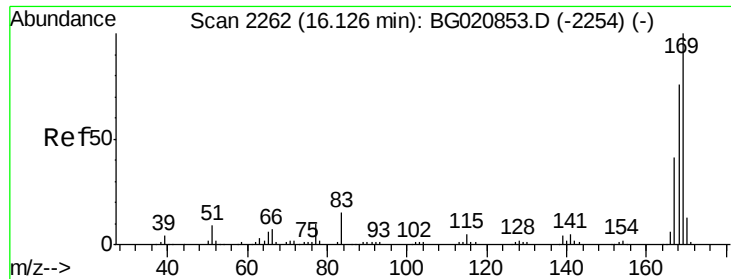
Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:	198	Resp:	29320
Ion Ratio	Lower	Upper	
198	100		
51	29.4	10.6	50.6
105	46.3	27.0	67.0





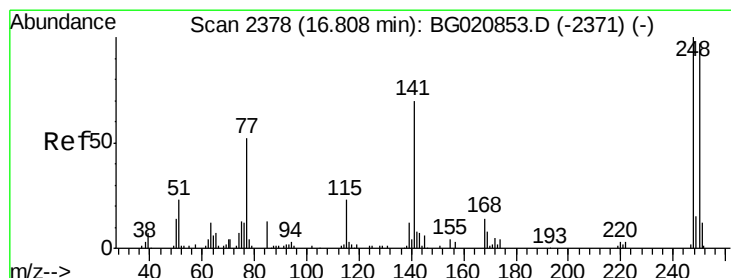
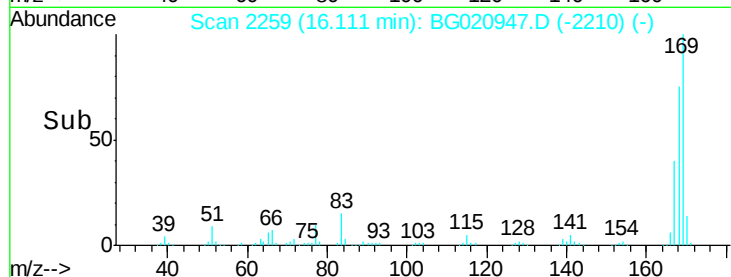
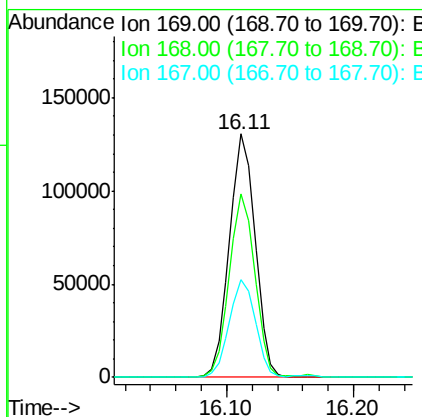
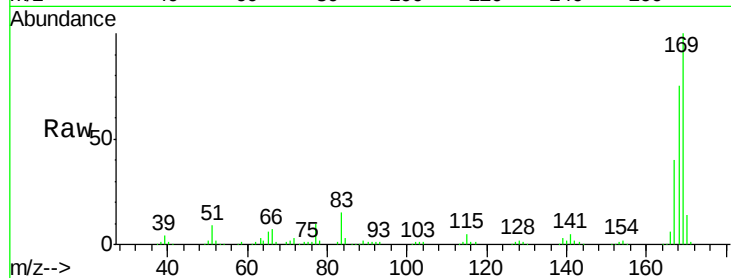
#65
n-Nitrosodiphenylamine
Concen: 42.23 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	183259		
168	75.4	60.7	91.1	
167	40.3	32.8	49.2	

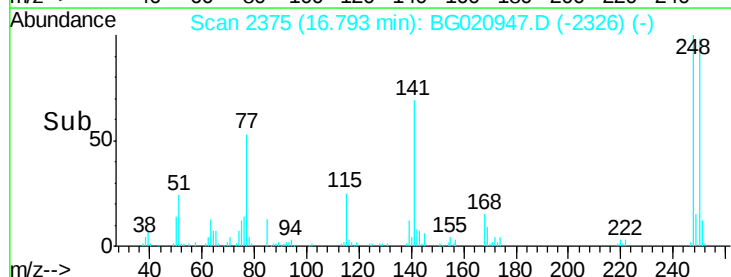
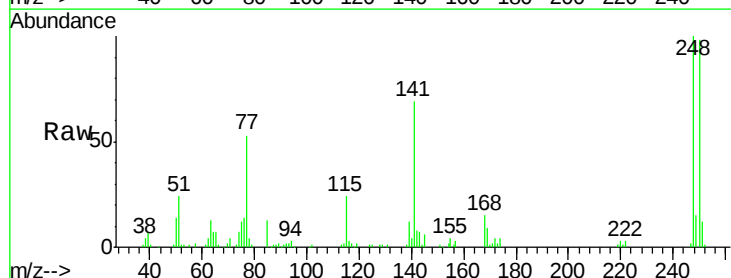
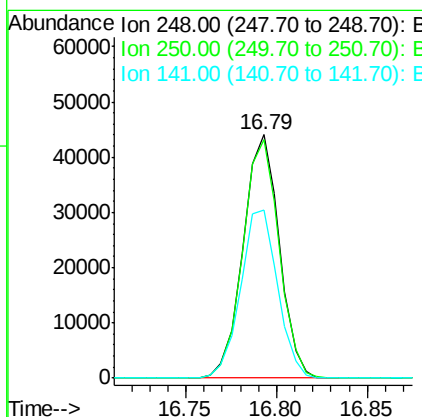
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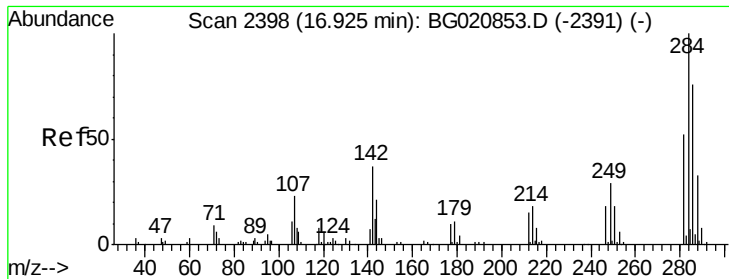
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#66
4-Bromophenyl-phenylether
Concen: 42.87 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	60817		
250	97.8	77.4	116.2	
141	68.8	55.7	83.5	





#67

Hexachlorobenzene

Concen: 43.87 ng

RT: 16.91 min Scan# 2395

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

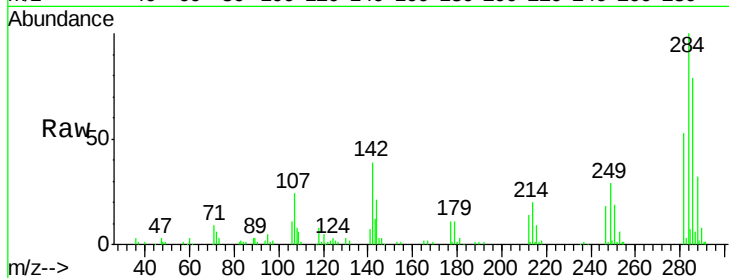
ClientSampleId :

HW-41MSD

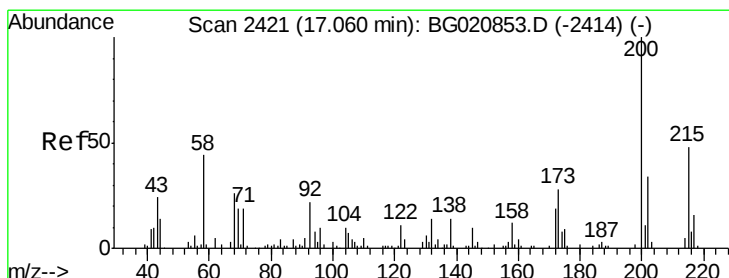
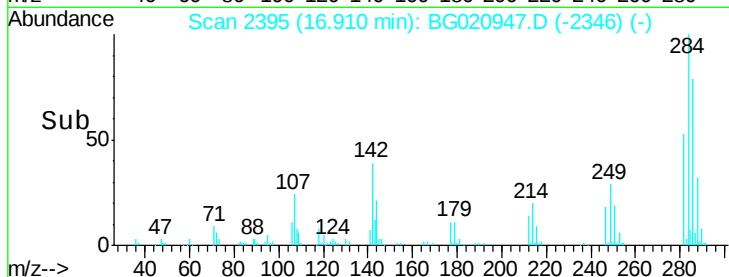
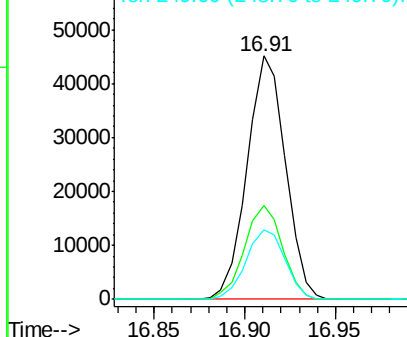
Tot Ion:	284	Resp:	66226
Ion Ratio	Lower	Upper	
284	100		
142	38.5	29.9	44.9
249	28.8	23.3	34.9

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



#68

Atrazine

Concen: 45.18 ng

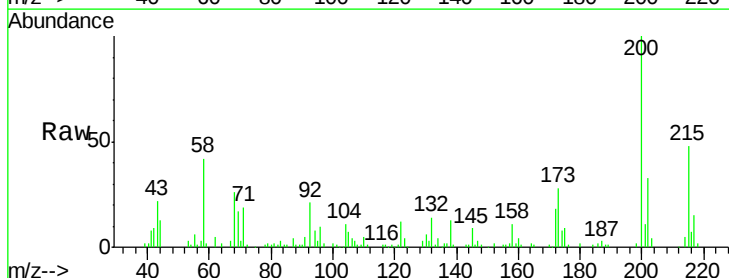
RT: 17.05 min Scan# 2418

Delta R.T. -0.02 min

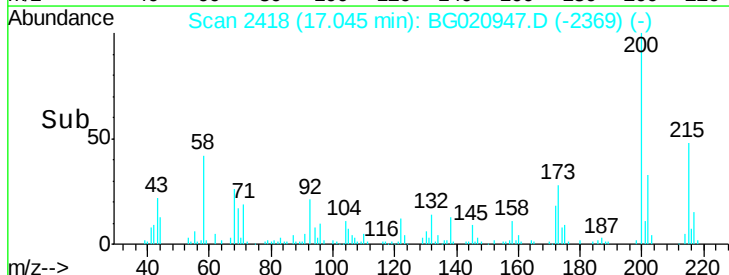
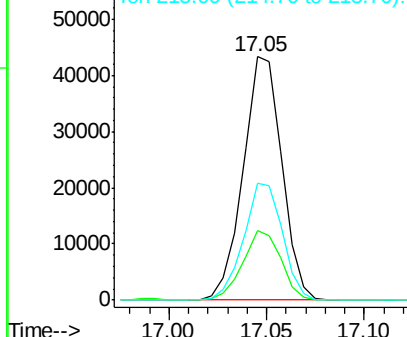
Lab File: BG020947.D

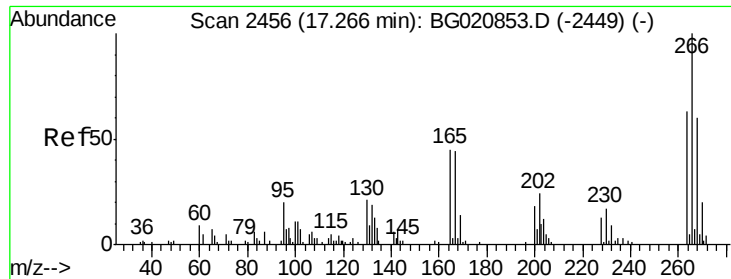
Acq: 18 Feb 2016 22:27

Tgt Ion:	200	Resp:	59502
Ion Ratio	Lower	Upper	
200	100		
173	28.3	8.4	48.4
215	47.8	28.2	68.2



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





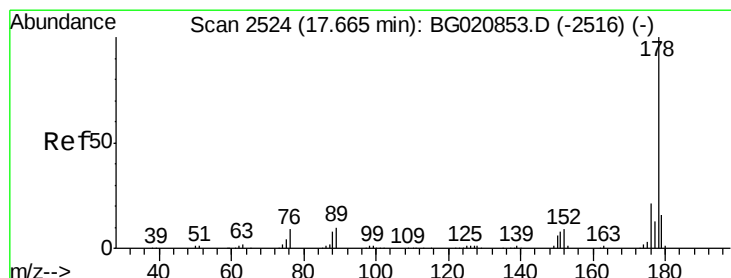
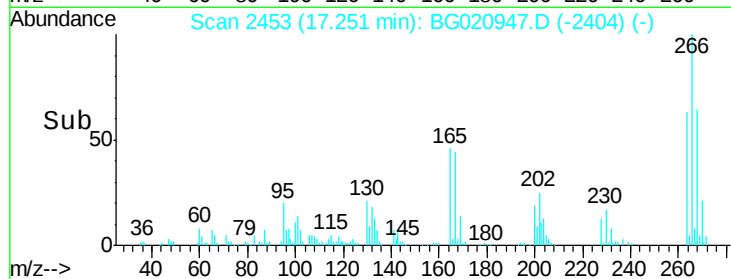
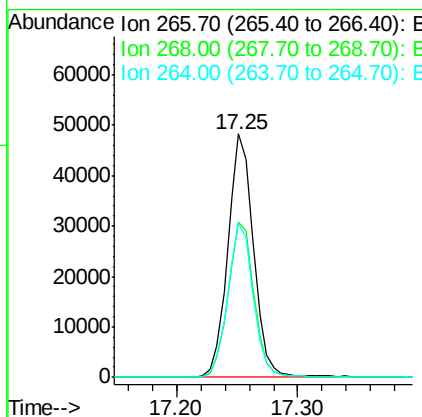
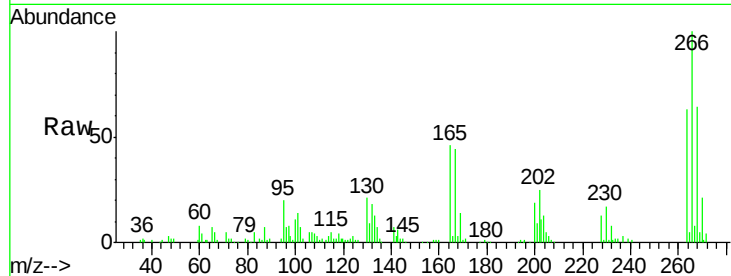
#69
 Pentachlorophenol
 Concen: 82.32 ng
 RT: 17.25 min Scan# 2453
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	47.8	71.6
264	63.2	50.2	75.4

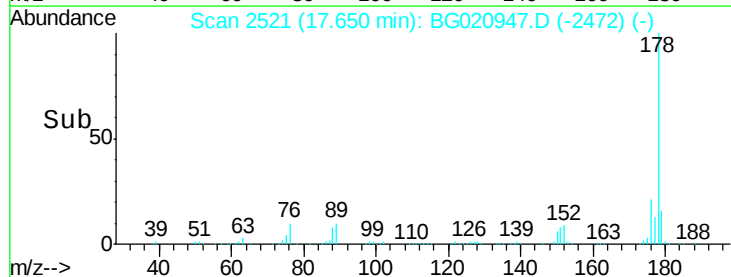
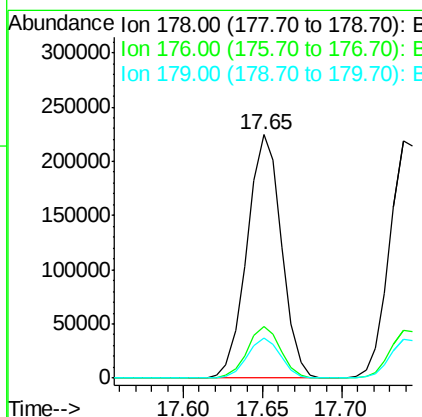
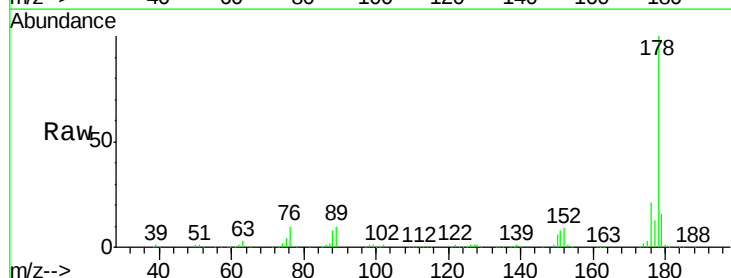
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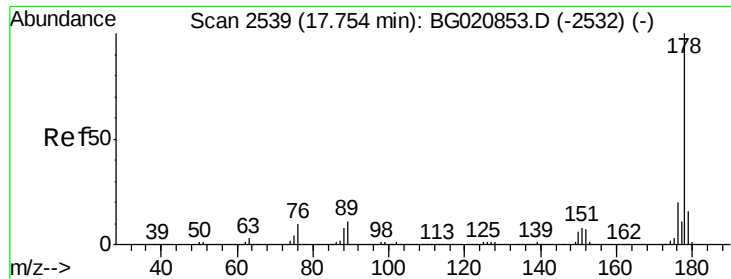
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#70
 Phenanthrene
 Concen: 44.22 ng
 RT: 17.65 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.8	25.2
179	16.5	12.6	19.0





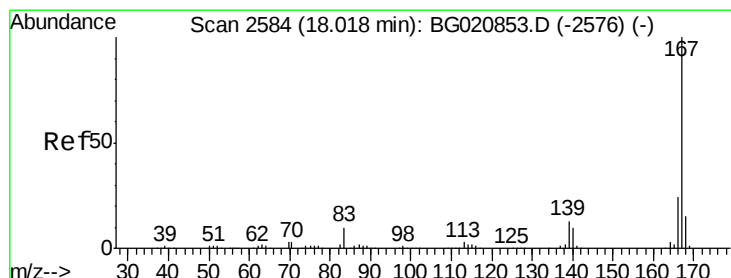
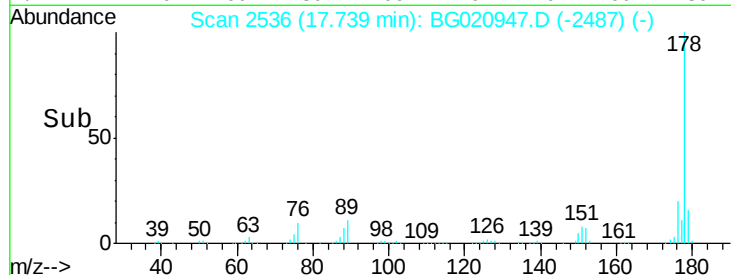
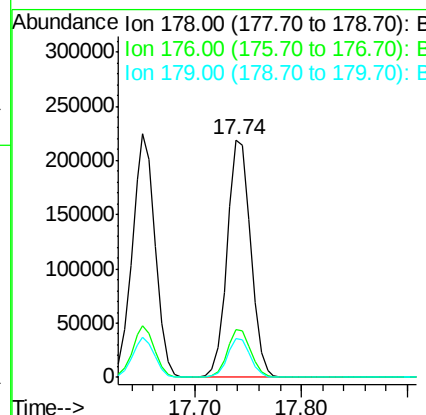
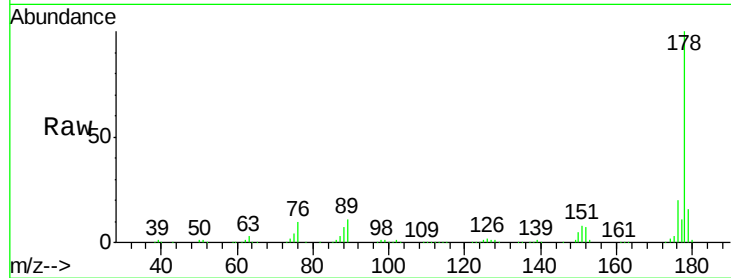
#71
 Anthracene
 Concen: 43.25 ng
 RT: 17.74 min Scan# 2536
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.4	12.7	19.1

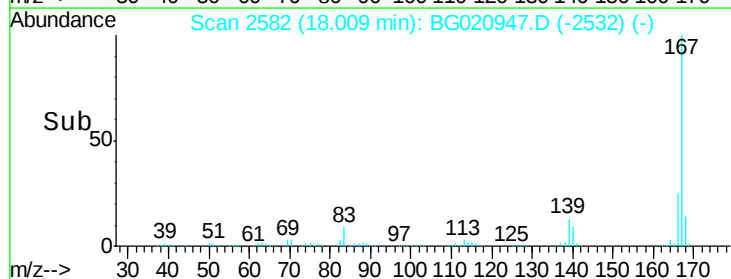
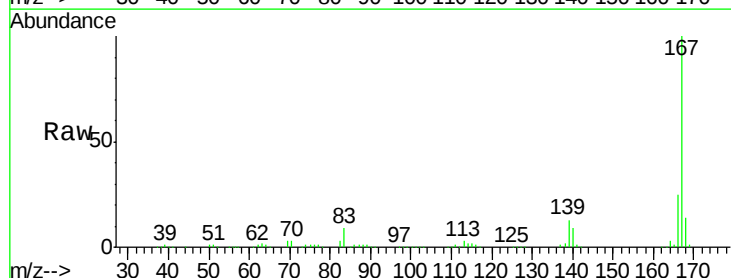
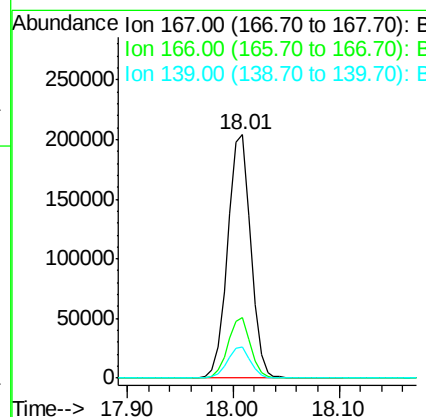
Manual Integrations
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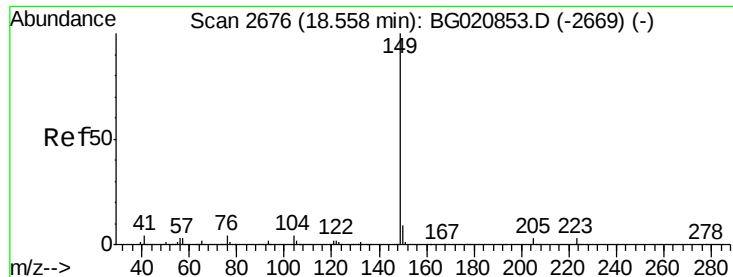
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#72
 Carbazole
 Concen: 44.29 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.3	28.9
139	12.9	10.2	15.4





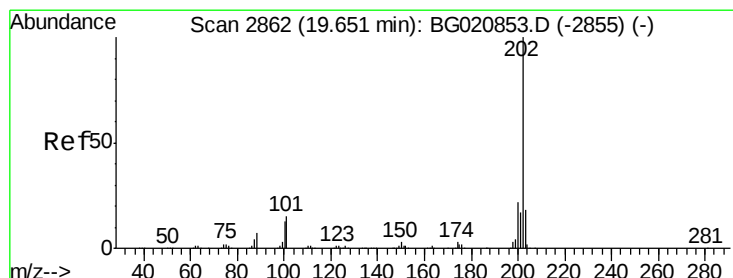
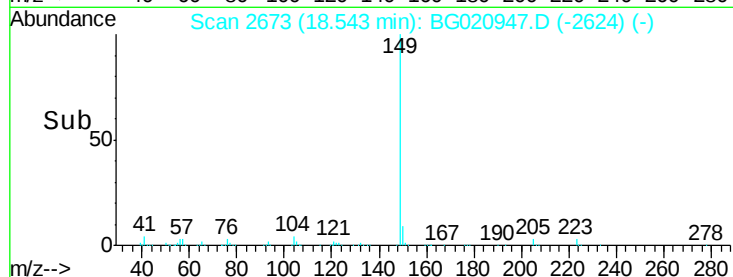
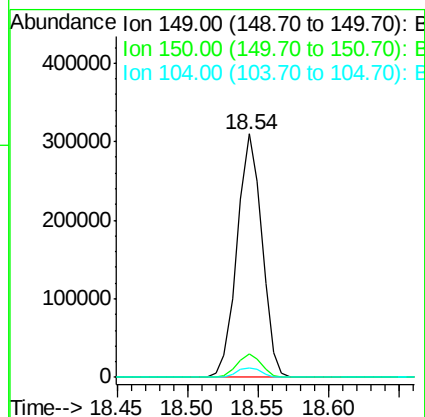
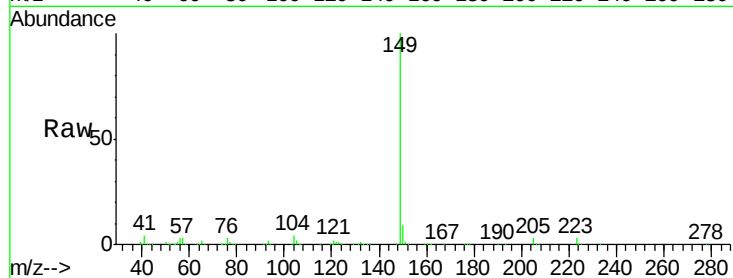
#73
Di-n-butylphthalate
Concen: 42.63 ng
RT: 18.54 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.4		7.6	11.4	
104	4.0		3.4	5.0	

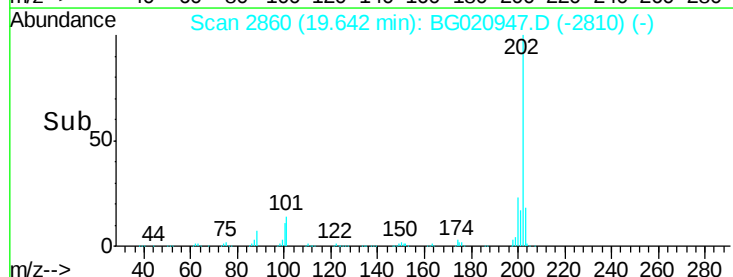
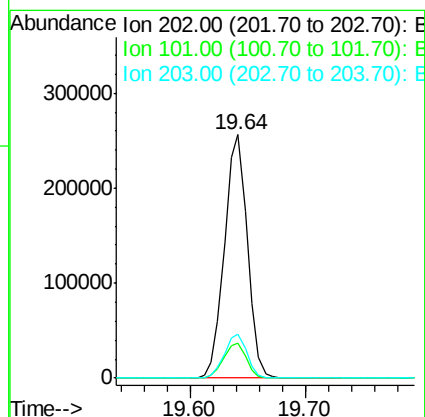
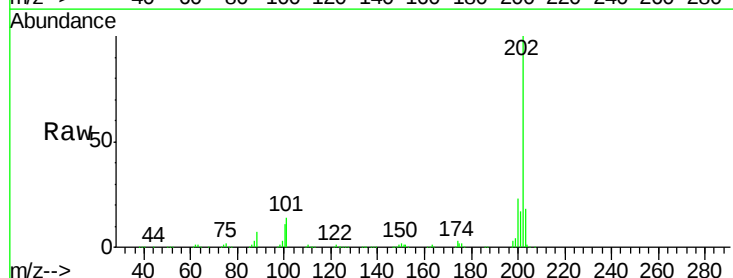
Manual Integrations
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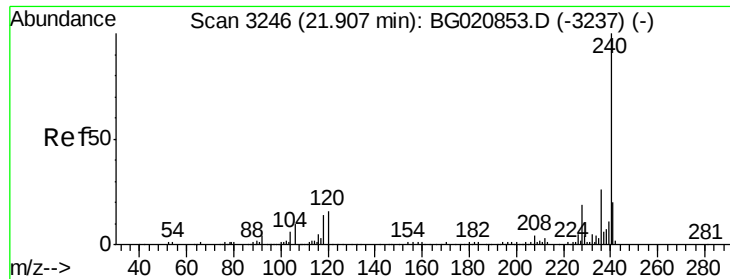
UMANGI
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#74
Fluoranthene
Concen: 42.65 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.2		0.0	35.3	
203	18.1		0.0	37.8	





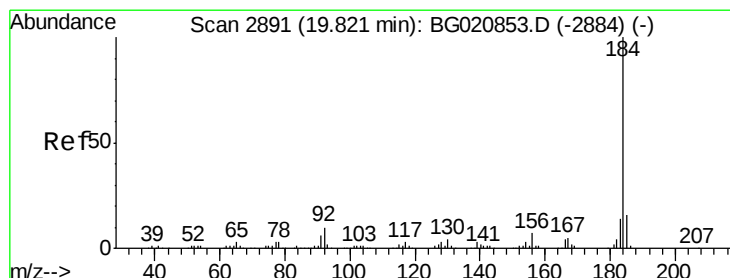
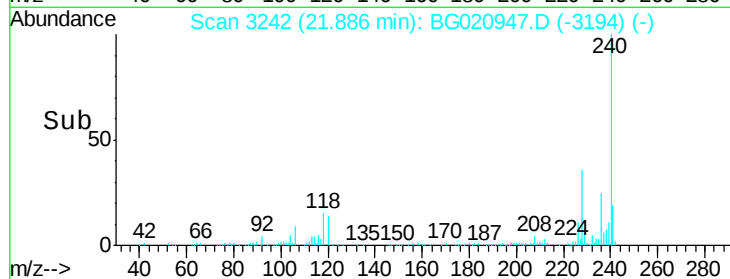
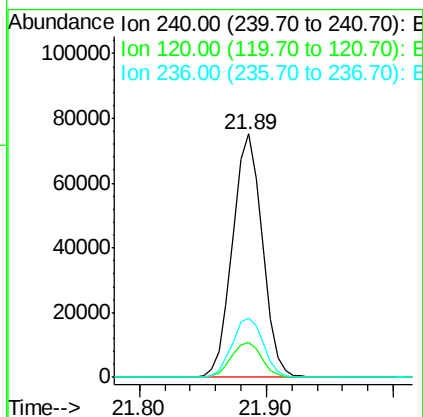
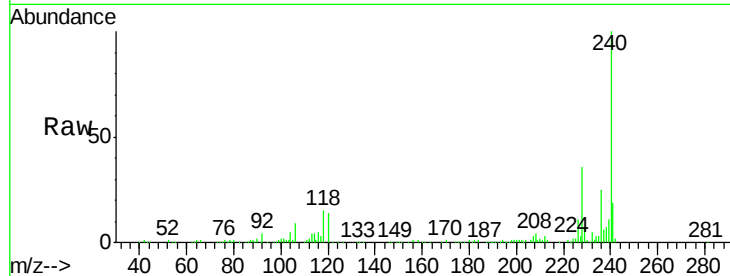
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	13.0	19.4
236	24.6	21.0	31.4

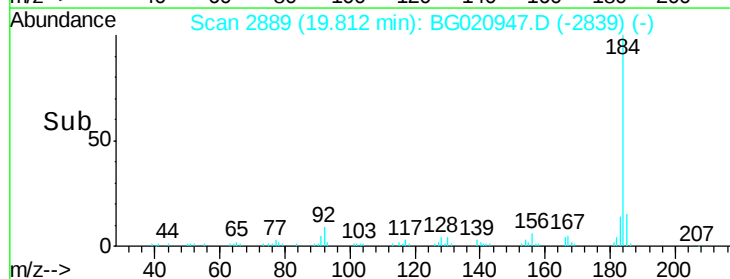
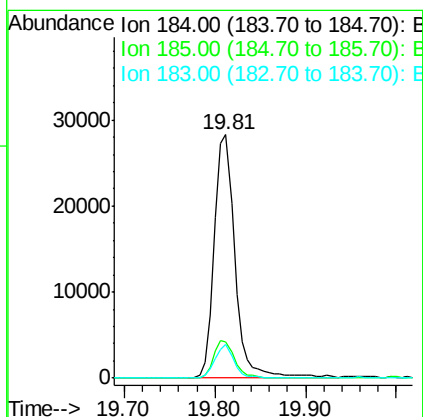
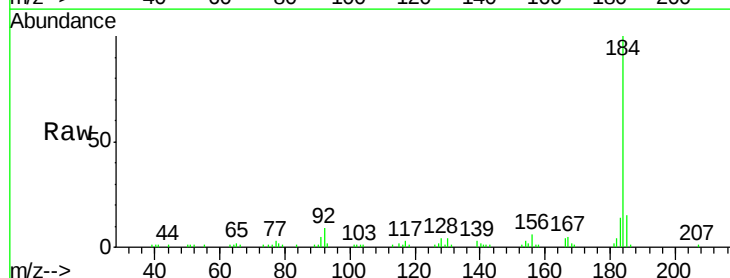
Manual Integrations
APPROVED

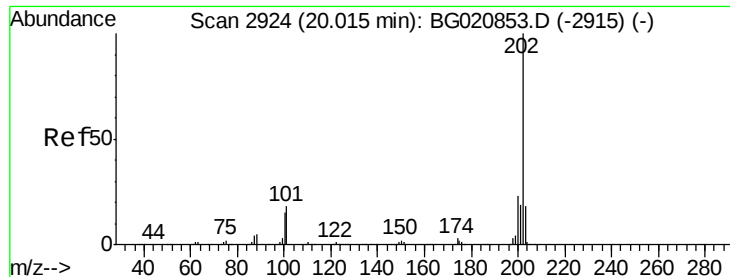
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#76
Benzidine
Concen: 11.47 ng
RT: 19.81 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	19.0
183	13.8	11.0	16.4





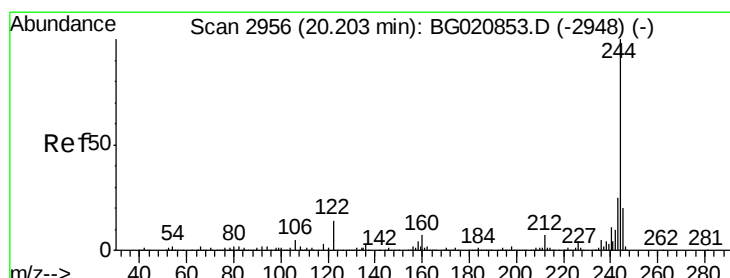
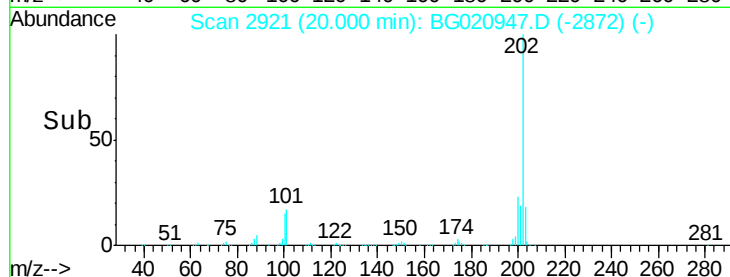
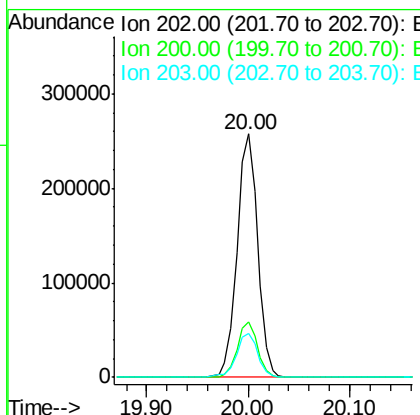
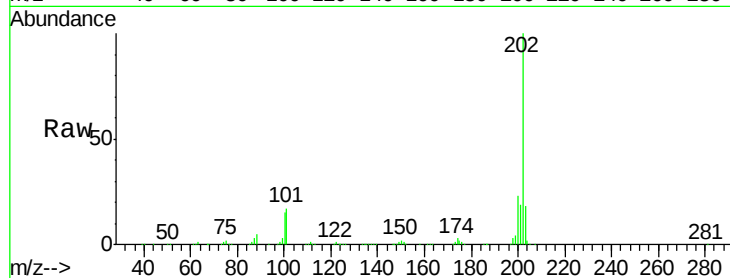
#77
Pvrene
Concen: 45.08 ng
RT: 20.00 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.5	18.5	27.7
203	18.1	14.3	21.5

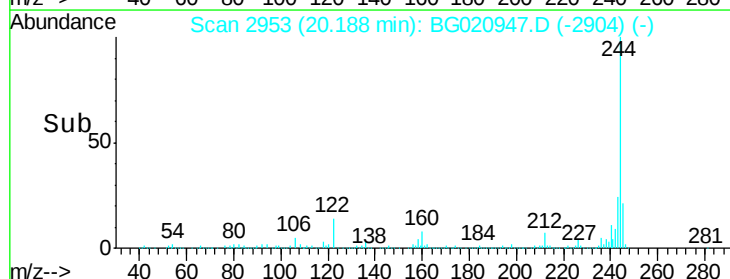
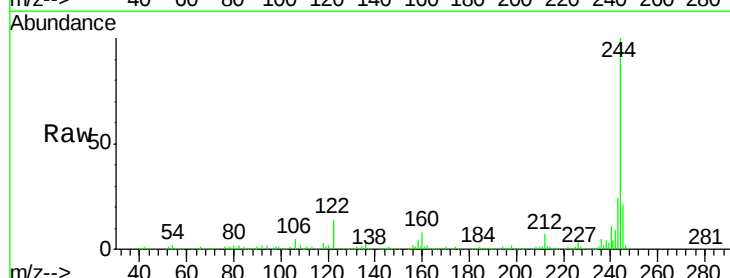
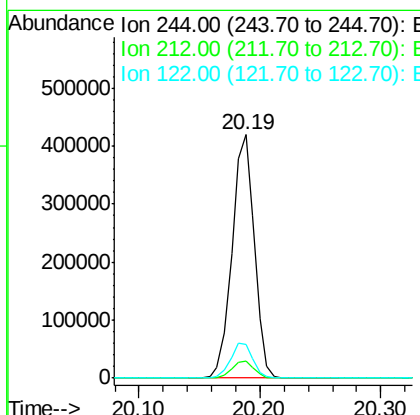
Manual Integrations
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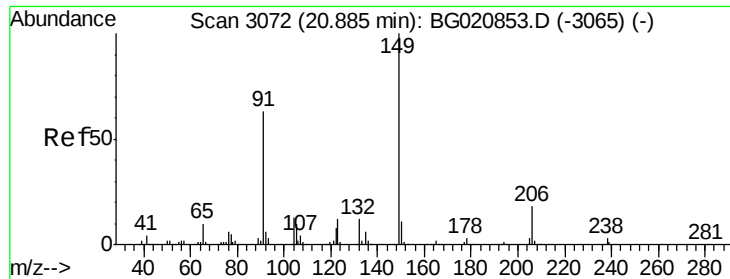
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#78
Terphenyl-d14
Concen: 102.67 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.5	8.3
122	14.1	11.4	17.2





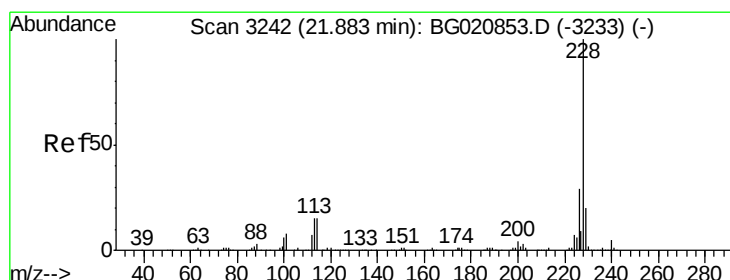
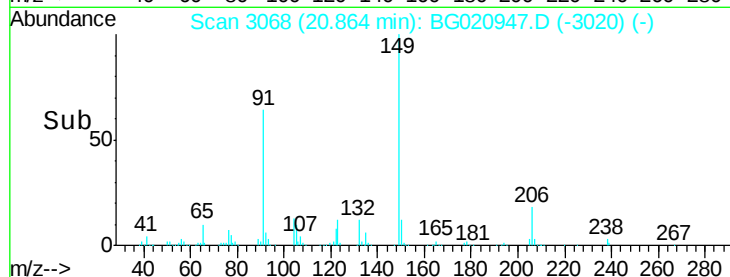
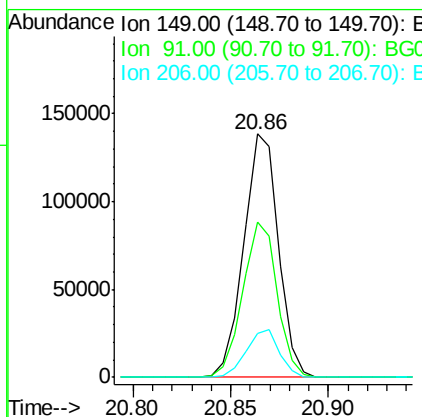
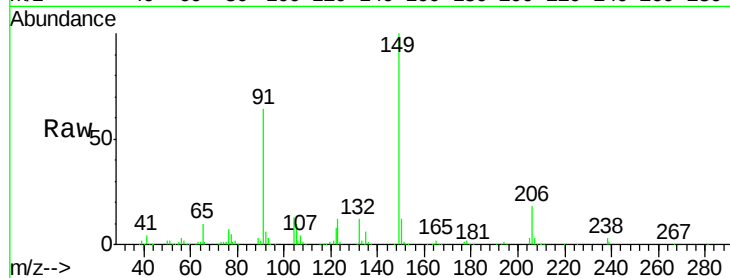
#79
Butylbenzylphthalate
Concen: 44.21 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	170416		
91	63.8	50.6	76.0	
206	18.0	14.6	22.0	

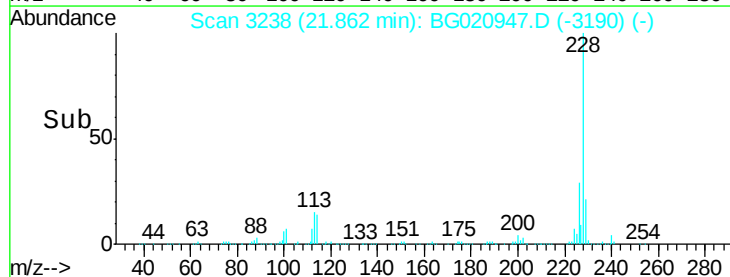
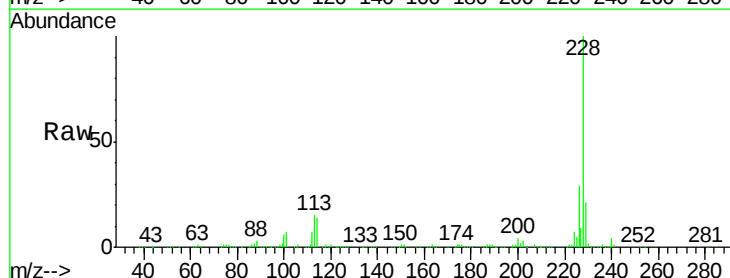
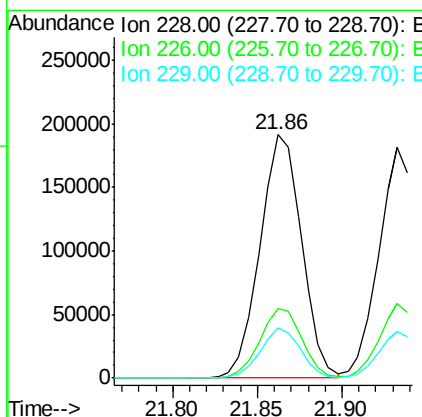
Manual Integrations
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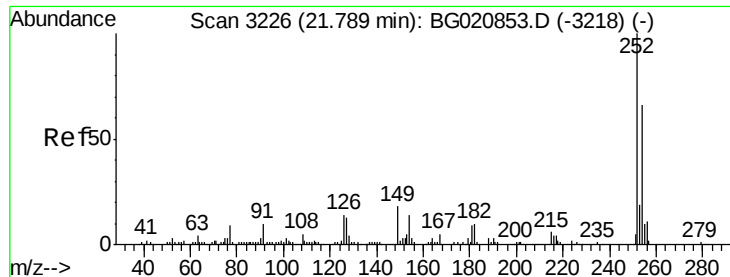
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#80
Benzo(a)anthracene
Concen: 44.73 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	325936		
226	28.7	23.1	34.7	
229	20.5	16.2	24.2	





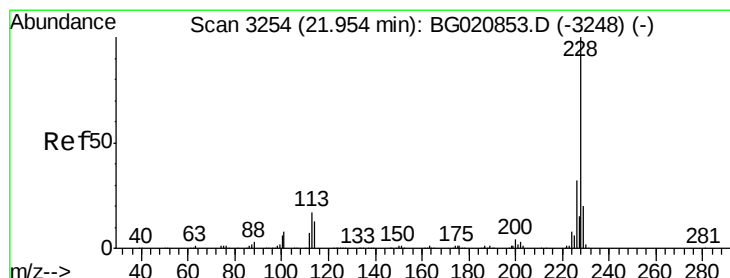
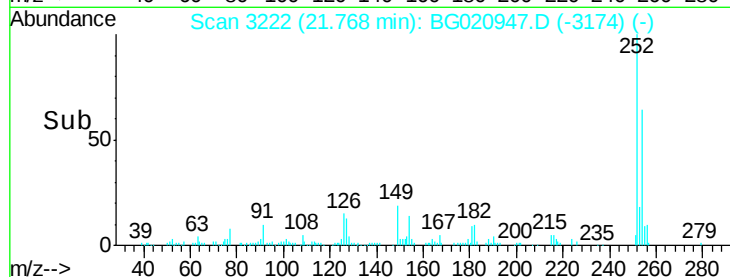
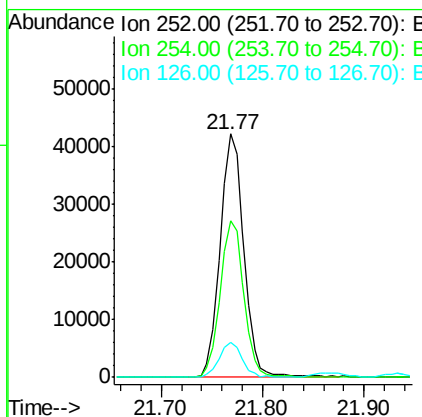
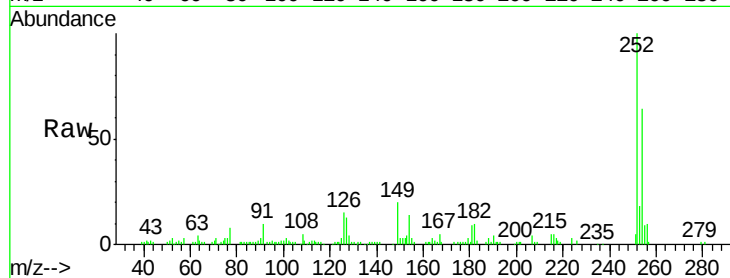
#81
 3,3'-Dichlorobenzidine
 Concen: 25.26 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampled :
 HW-41MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	52.8	79.2
126	14.6	11.1	16.7

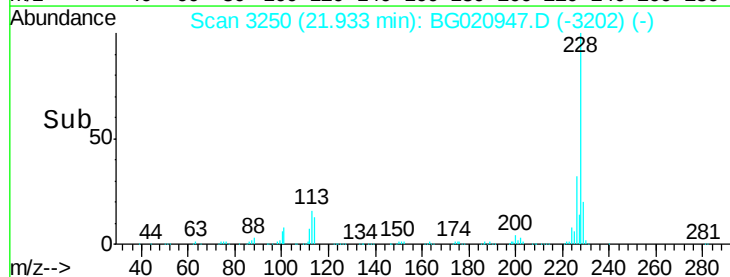
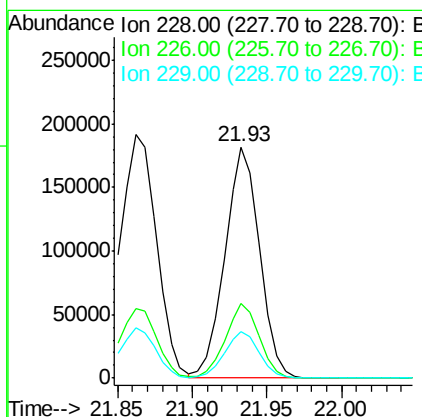
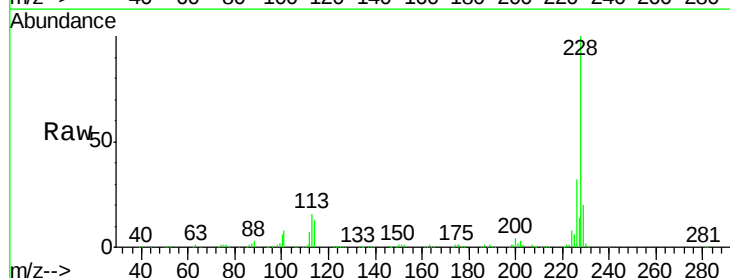
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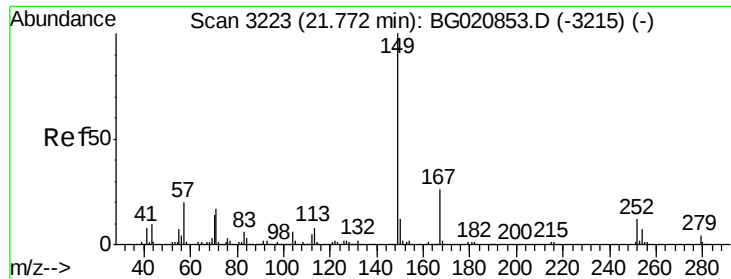
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#82
 Chrysene
 Concen: 42.79 ng
 RT: 21.93 min Scan# 3250
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.2	25.3	37.9
229	19.8	16.2	24.2





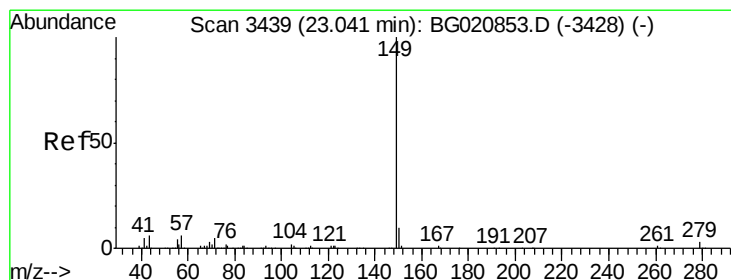
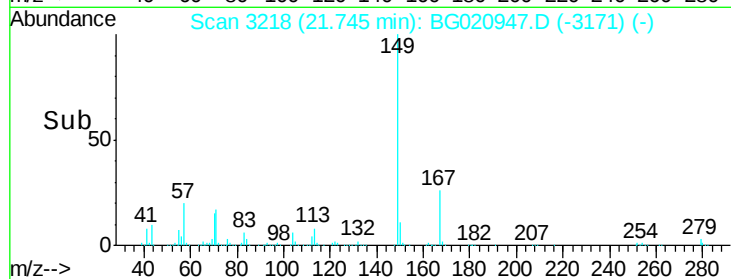
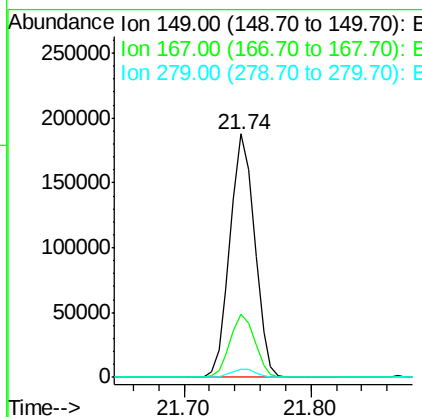
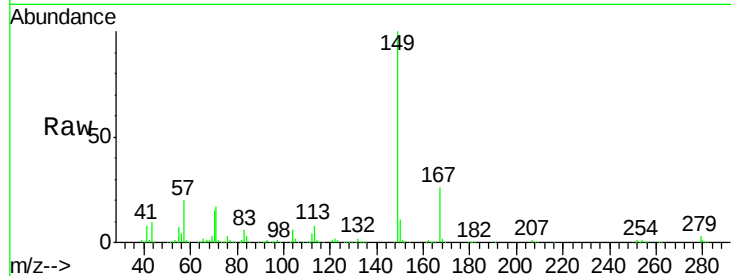
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.34 ng
RT: 21.74 min Scan# 3218
Delta R.T. -0.03 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	253404		
167	26.1		20.9	31.3
279	3.4		3.0	4.4

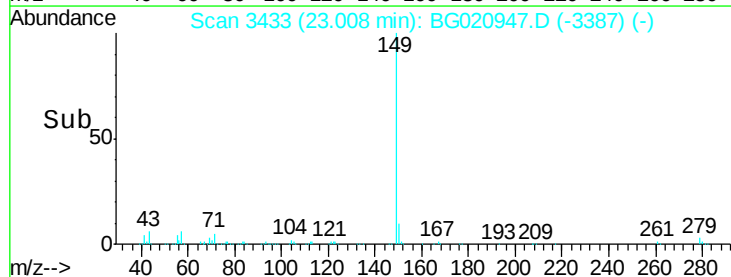
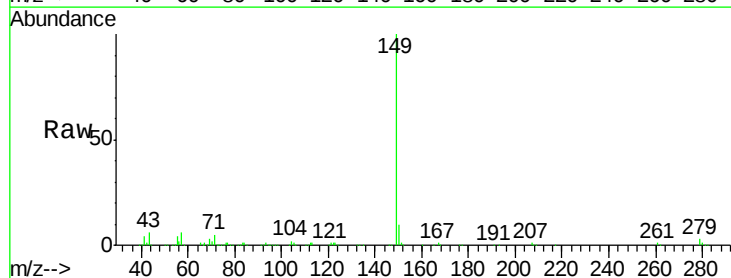
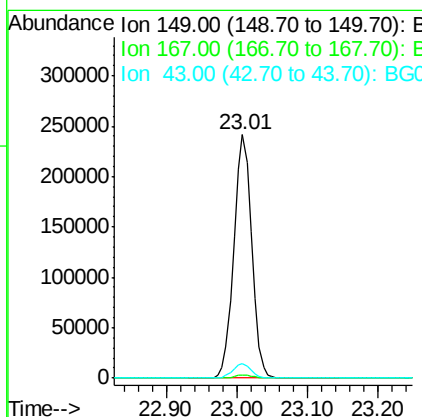
Manual Integrations
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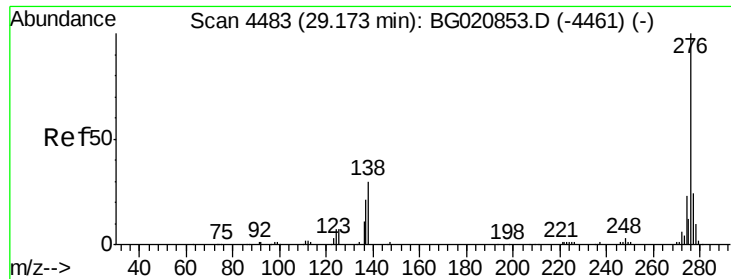
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#84
Di-n-octyl phthalate
Concen: 45.07 ng
RT: 23.01 min Scan# 3433
Delta R.T. -0.03 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	422711		
167	1.4		1.2	1.8
43	5.8		5.1	7.7





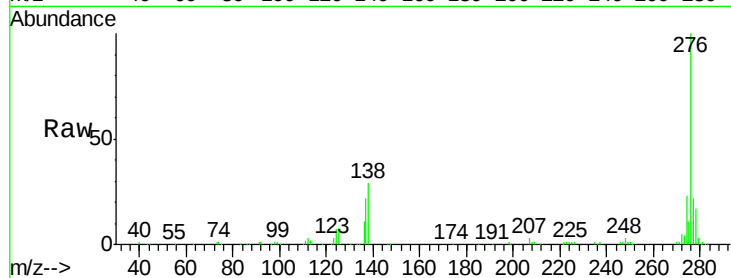
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.52 ng
 RT: 29.12 min Scan# 4474
 Delta R.T. -0.05 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

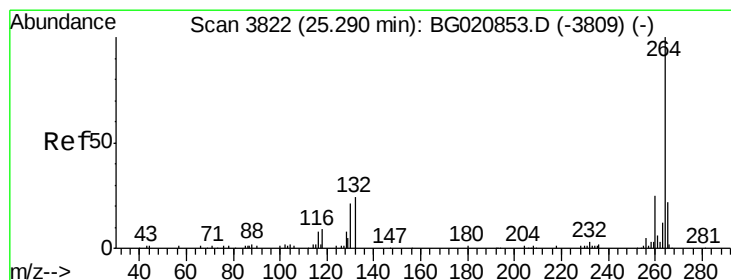
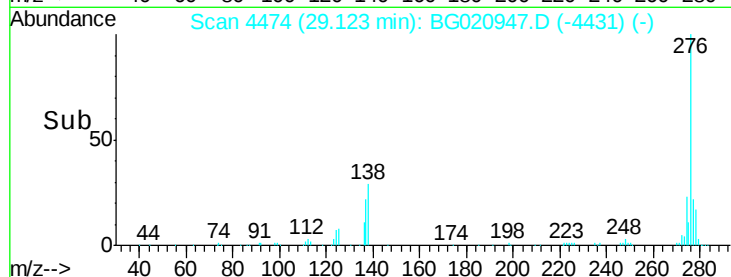
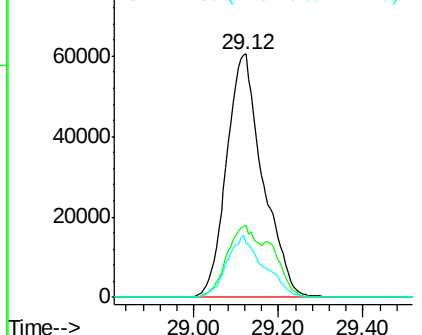
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.1	30.1
277	25.6	20.5	30.7

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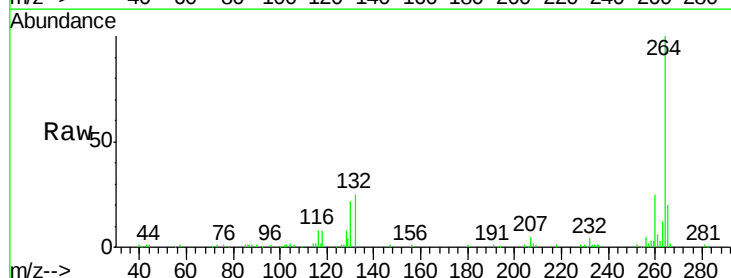


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

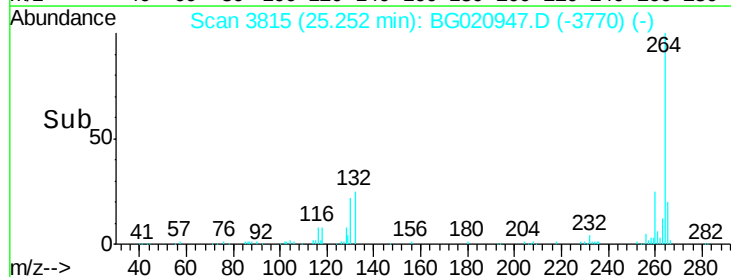
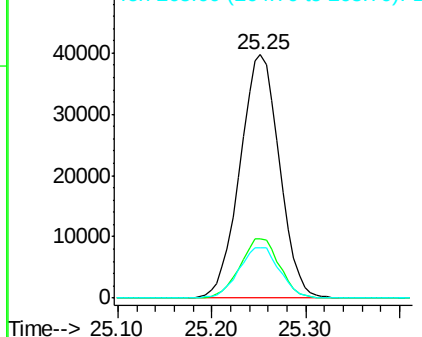


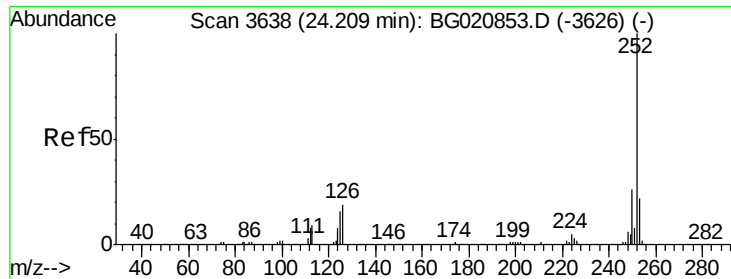
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3815
 Delta R.T. -0.04 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	20.4	18.0	27.0



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





#87

Benzo(b)fluoranthene

Concen: 45.67 ng

RT: 24.18 min Scan# 3632

Delta R.T. -0.03 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

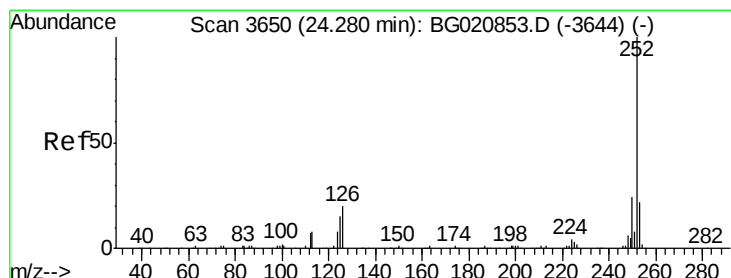
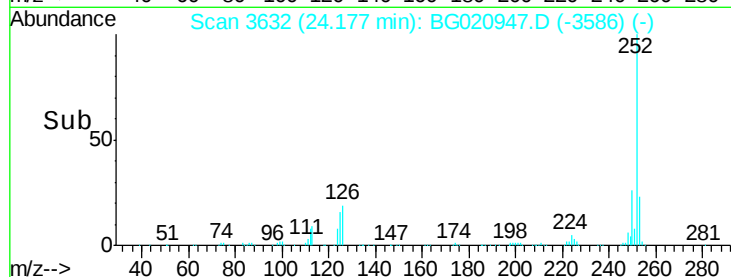
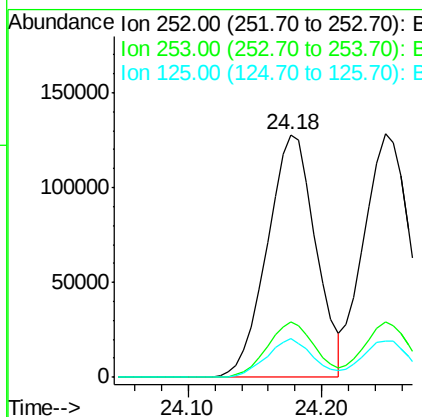
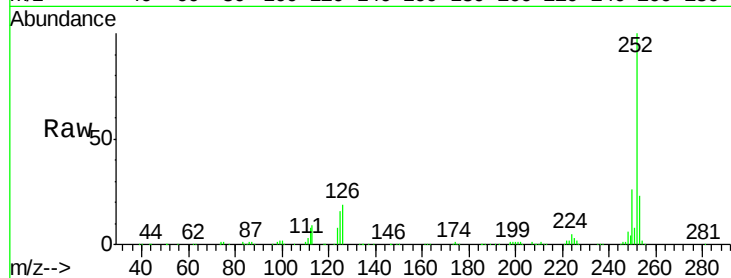
ClientSampleId :

HW-41MSD

Tot Ion:	252	Resp:	322221
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	15.9	12.5	18.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 44.73 ng

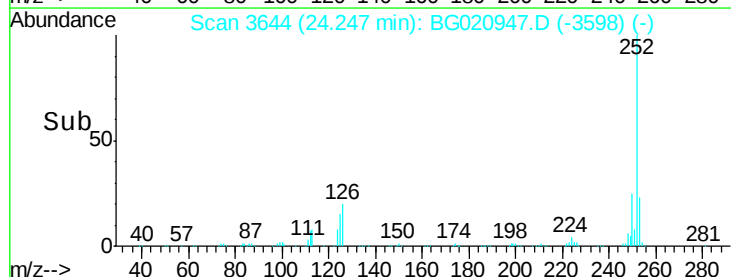
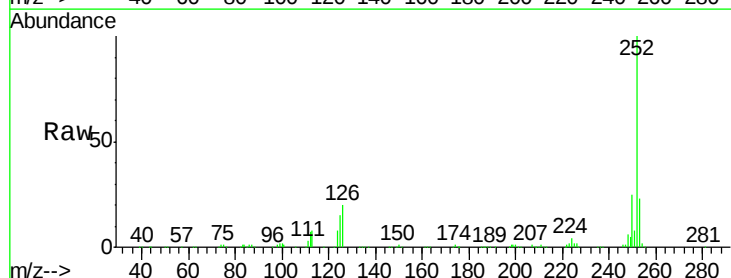
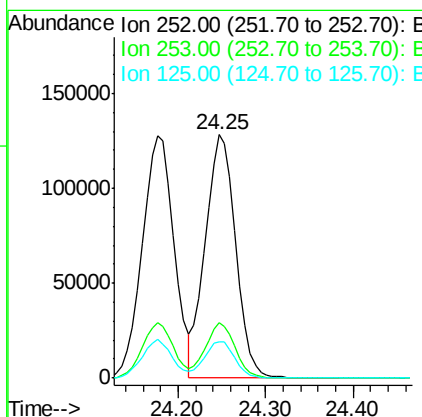
RT: 24.25 min Scan# 3644

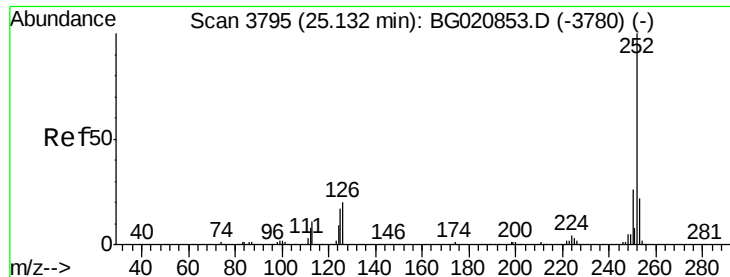
Delta R.T. -0.03 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:	252	Resp:	309235
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	15.1	12.2	18.4





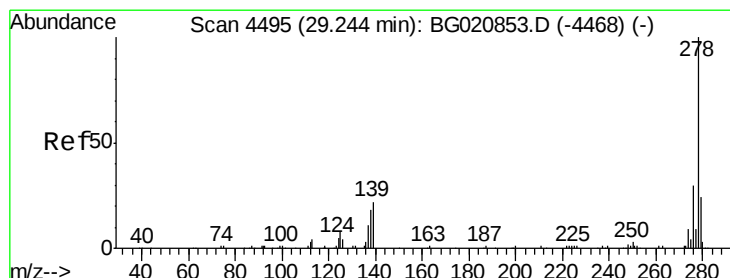
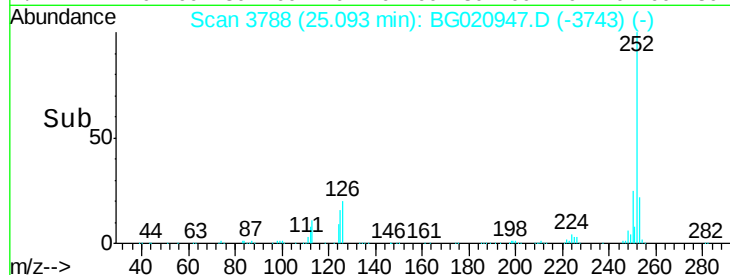
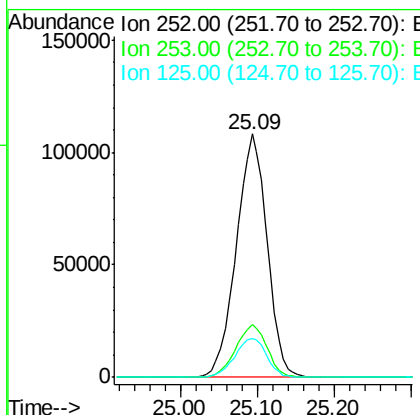
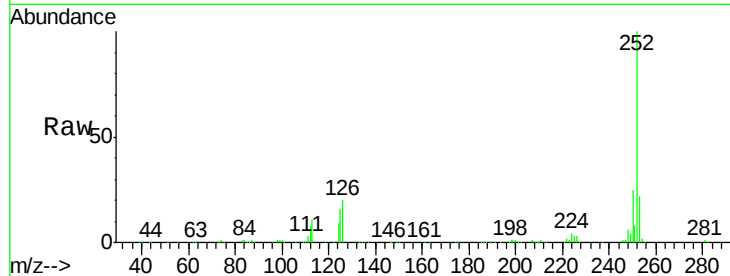
#89
Benzo(a)pyrene
Concen: 45.06 ng
RT: 25.09 min Scan# 3788
Delta R.T. -0.04 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampled :
HW-41MSD

Tot Ion:	252	Resp:	302921
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.4	26.2
125	15.8	13.6	20.4

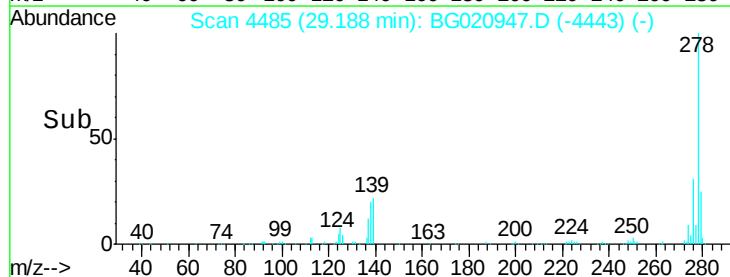
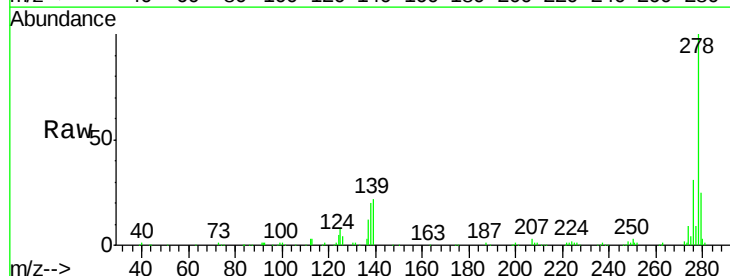
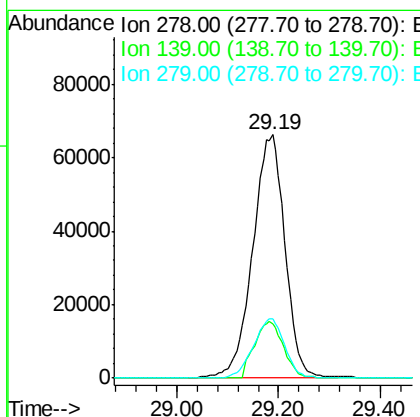
Manual Integrations
APPROVED

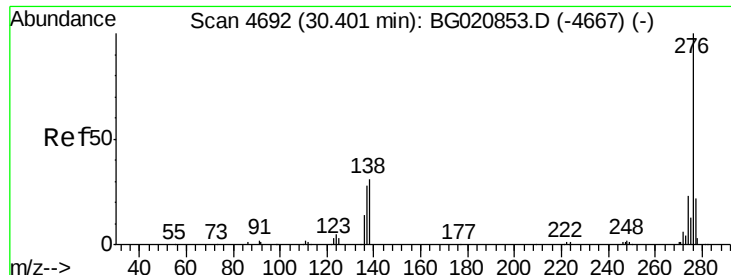
UMANGI
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#90
Dibenzo(a,h)anthracene
Concen: 44.68 ng
RT: 29.19 min Scan# 4485
Delta R.T. -0.06 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion:	278	Resp:	292099
Ion Ratio		Lower	Upper
278	100		
139	22.3	17.3	25.9
279	24.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 45.10 ng
 RT: 30.33 min Scan# 4680
 Delta R.T. -0.07 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HW-41MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	17.6	26.4
138	30.0	25.2	37.8

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