

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021140.D
 Acq On : 28 Feb 2016 7:27
 Operator : UM/SJ
 Sample : H1526-03MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Manual Integrations
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Sohil
 2/29/2016 2:53:06 PM

Quant Time: Feb 29 01:04:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	7315	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	38990	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	25837	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	61747	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	64264	20.00	ng	-0.02
86) Perylene-d12	25.05	264	59153	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	67678	161.98	ng	0.00
7) Phenol-d6	7.31	99	113952	183.28	ng	-0.02
23) Nitrobenzene-d5	9.33	82	80689	98.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	37584	110.95	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	144040	71.34	ng	-0.01
78) Terphenyl-d14	20.09	244	218786	79.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	6460	33.39	ng	# 89
3) Pyridine	4.01	79	19591	34.62	ng	93
4) n-Nitrosodimethylamine	3.92	42	10427	36.34	ng	# 98
6) Aniline	7.49	93	13084	17.01	ng	# 86
8) 2-Chlorophenol	7.73	128	23722	45.52	ng	86
9) Benzaldehyde	7.30	77	4763	14.14	ng	82
10) Phenol	7.34	94	35911	56.38	ng	84
11) bis(2-Chloroethyl)ether	7.58	93	22240	45.55	ng	91
12) 1,3-Dichlorobenzene	8.06	146	20446	36.86	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	21617	36.49	ng	98
14) 1,2-Dichlorobenzene	8.52	146	21050	37.52	ng	95
15) Benzyl Alcohol	8.40	79	28754	52.94	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.69	45	34672	61.94	ng	92
17) 2-Methylphenol	8.60	107	23078	51.33	ng	# 92
18) Hexachloroethane	9.25	117	9025	40.27	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	24551	51.19	ng	96
20) 3+4-Methylphenols	8.92	107	33536	53.80	ng	94
22) Acetophenone	8.98	105	38868	36.12	ng	# 95
24) Nitrobenzene	9.37	77	35326	41.79	ng	91
25) Isophorone	9.89	82	67572	44.06	ng	94
26) 2-Nitrophenol	10.08	139	13256	37.09	ng	# 68
27) 2,4-Dimethylphenol	10.13	122	26329	41.76	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	33936	45.40	ng	94
29) 2,4-Dichlorophenol	10.61	162	24781	40.15	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	21963	31.40	ng	92
31) Naphthalene	11.02	128	75061	37.48	ng	96
32) Benzoic acid	10.19	122	4800	8.29	ng	# 82
33) 4-Chloroaniline	11.13	127	6677	7.98	ng	# 91
34) Hexachlorobutadiene	11.30	225	13607	29.07	ng	96
35) Caprolactam	11.89	113	10489m	50.30	ng	
36) 4-Chloro-3-methylphenol	12.23	107	34754	45.93	ng	# 83
37) 2-Methylnaphthalene	12.61	142	56946	40.49	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	28580	29.93	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	32052	51.05	ng	98

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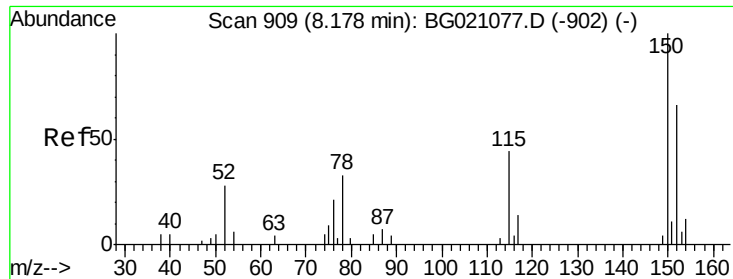
Manual Integrations
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 2/29/2016 2:53:06 PM

Quant Time: Feb 29 01:04:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	22469	37.53	ng	93
43) 2,4,5-Trichlorophenol	13.28	196	24609	40.00	ng	91
45) 1,1'-Biphenyl	13.61	154	75227	34.58	ng	98
46) 2-Chloronaphthalene	13.65	162	59009	35.74	ng	96
47) 2-Nitroaniline	13.85	65	27573	51.55	ng	# 77
48) Acenaphthylene	14.50	152	98085	37.55	ng	99
49) Dimethylphthalate	14.22	163	107022	48.06	ng	# 98
50) 2,6-Dinitrotoluene	14.34	165	18273	39.89	ng	# 64
51) Acenaphthene	14.84	154	69875	39.22	ng	98
52) 3-Nitroaniline	14.67	138	7253	16.27	ng	# 79
53) 2,4-Dinitrophenol	14.87	184	16438	51.46	ng	90
54) Dibenzofuran	15.16	168	93286	41.33	ng	92
55) 4-Nitrophenol	14.97	139	34339	86.85	ng	# 58
56) 2,4-Dinitrotoluene	15.12	165	26685	40.62	ng	# 81
57) Fluorene	15.81	166	80860	36.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	21331	39.89	ng	# 94
59) Diethylphthalate	15.58	149	90192	38.43	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	39130	32.40	ng	93
61) 4-Nitroaniline	15.83	138	20013	39.43	ng	# 60
62) Azobenzene	16.09	77	105703	51.99	ng	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	15406	34.02	ng	90
65) n-Nitrosodiphenylamine	16.02	169	72174	39.62	ng	95
66) 4-Bromophenyl-phenylether	16.69	248	23658	32.54	ng	# 88
67) Hexachlorobenzene	16.81	284	24664	32.16	ng	# 86
68) Atrazine	16.95	200	27356	40.53	ng	98
69) Pentachlorophenol	17.15	266	32492	62.76	ng	91
70) Phenanthrene	17.55	178	162661	48.96	ng	99
71) Anthracene	17.64	178	131423	39.28	ng	98
72) Carbazole	17.90	167	121555	42.08	ng	97
73) Di-n-butylphthalate	18.46	149	157123	41.26	ng	# 97
74) Fluoranthene	19.54	202	216834	52.03	ng	99
76) Benzidine	19.72	184	45737	27.05	ng	100
77) Pyrene	19.91	202	212252	59.65	ng	98
79) Butylbenzylphthalate	20.78	149	71296	48.01	ng	89
80) Benzo(a)anthracene	21.75	228	175909	47.57	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	16207	11.20	ng	94
82) Chrysene	21.82	228	160762	45.15	ng	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	106177	46.30	ng	98
84) Di-n-octyl phthalate	22.88	149	178723	46.50	ng	99
85) Indeno(1,2,3-cd)pyrene	28.80	276	169515	39.48	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	177541	48.02	ng	99
88) Benzo(k)fluoranthene	24.08	252	155533	42.67	ng	97
89) Benzo(a)pyrene	24.89	252	158608	44.69	ng	95
90) Dibenzo(a,h)anthracene	28.86	278	134959	37.72	ng	98
91) Benzo(g,h,i)perylene	29.98	276	139861	40.58	ng	96

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



#1

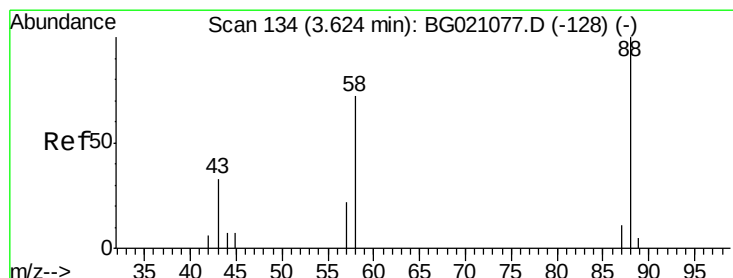
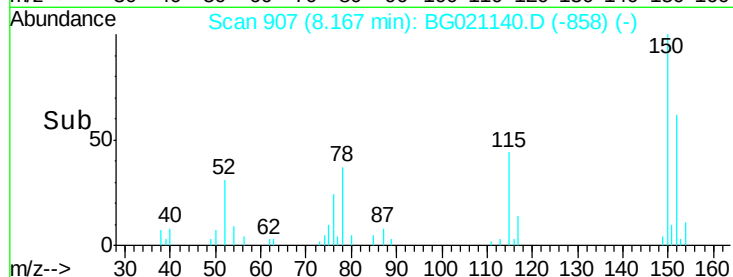
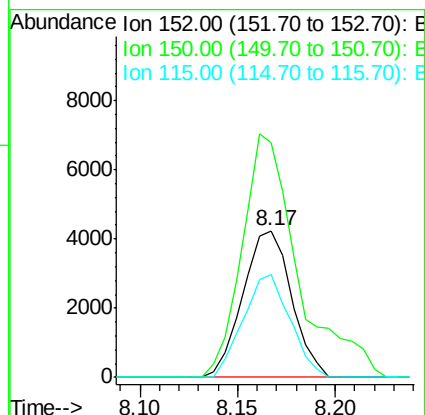
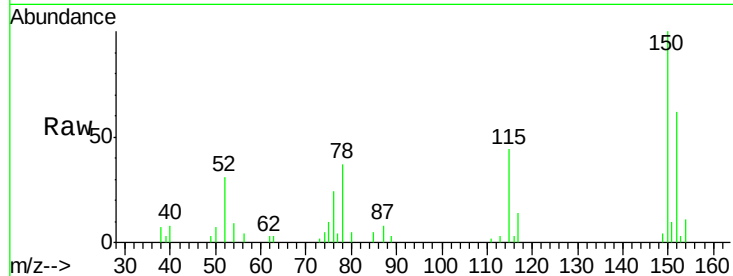
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.4	185.2
115	69.8	43.3	64.9

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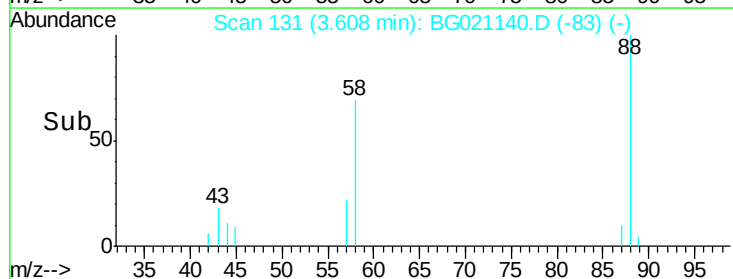
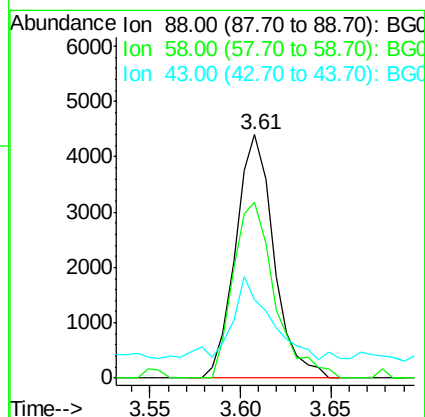
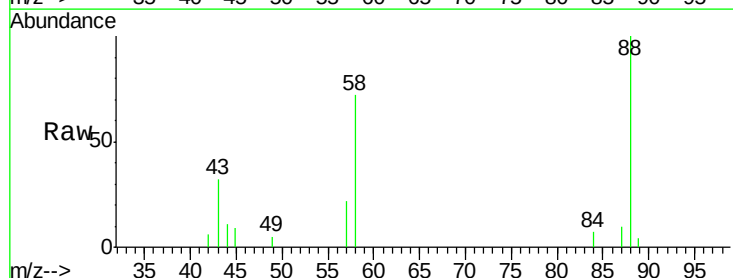
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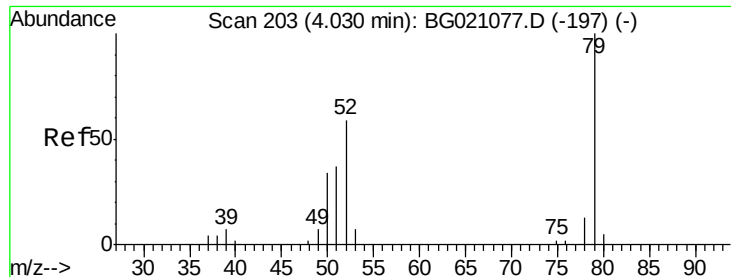


#2

1,4-Dioxane
Concen: 33.39 ng
RT: 3.61 min Scan# 131
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	55.9	83.9
43	34.3	22.5	33.7





#3

Pyridine

Concen: 34.62 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

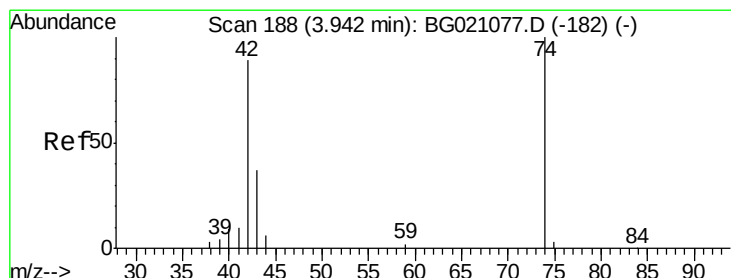
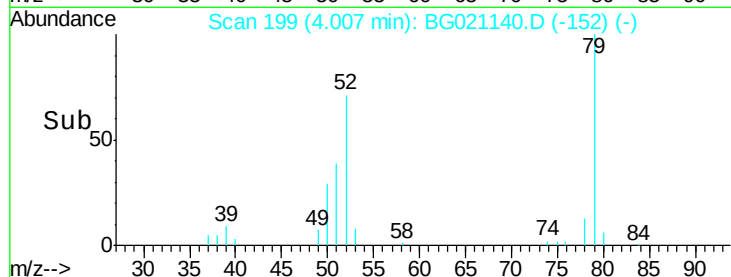
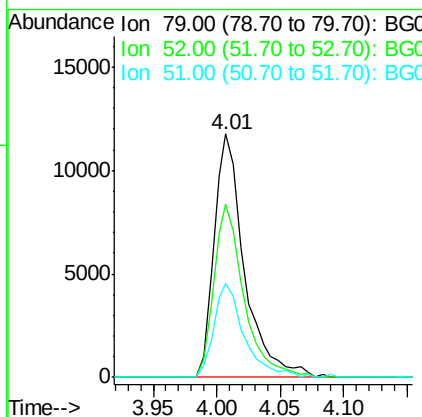
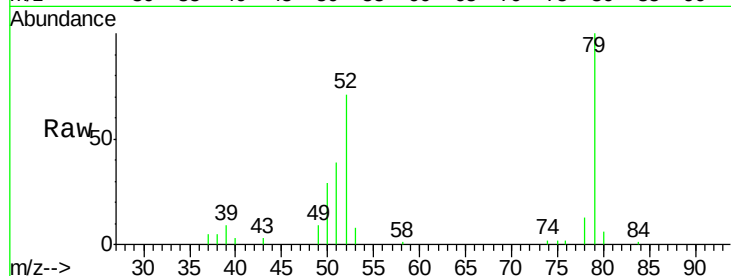
ClientSampleId :

P-02MSD

Tgt Ion:	79	Resp:	19591
Ion	Ratio	Lower	Upper
79	100		
52	71.0	53.2	79.8
51	38.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 36.34 ng

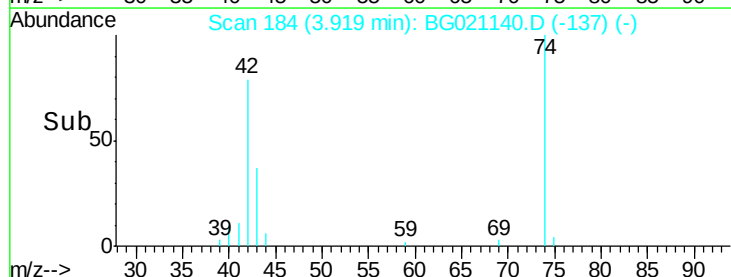
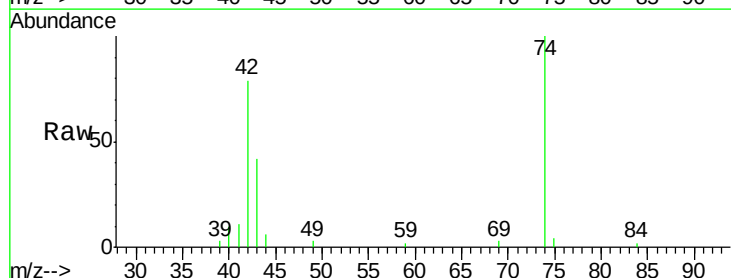
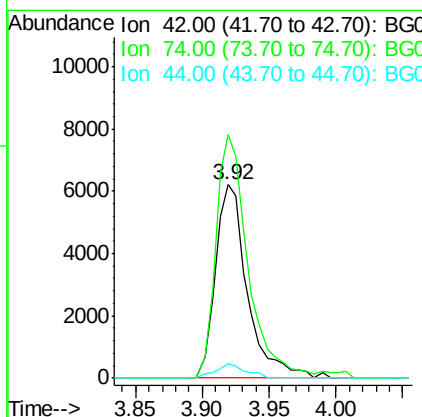
RT: 3.92 min Scan# 184

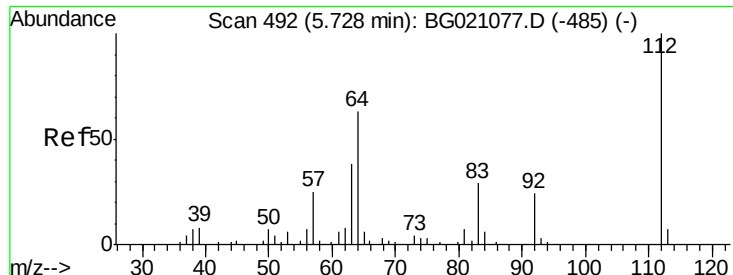
Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	42	Resp:	10427
Ion	Ratio	Lower	Upper
42	100		
74	125.8	102.3	153.5
44	7.2	4.8	7.2#





#5

2-Fluorophenol

Concen: 161.98 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

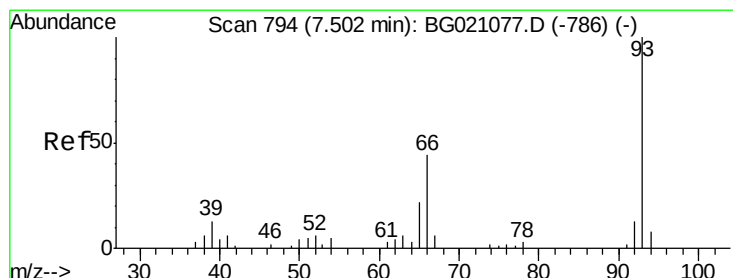
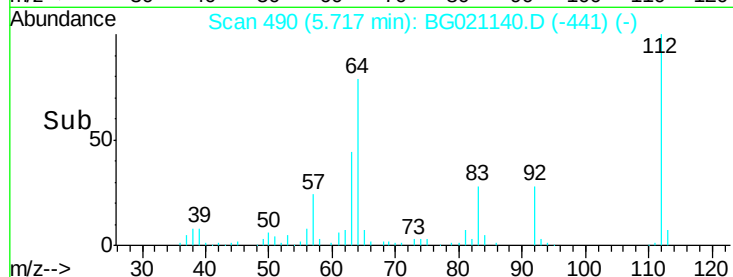
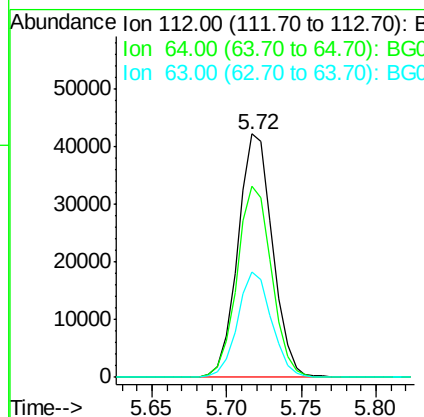
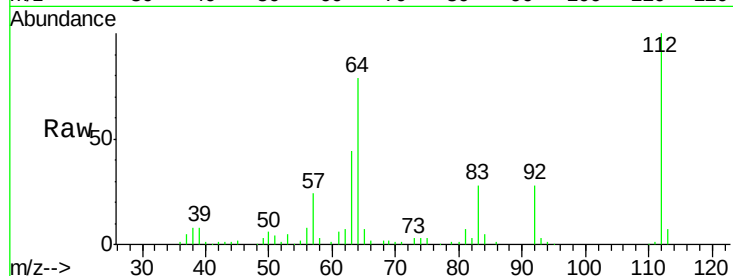
ClientSampled :

P-02MSD

Tgt Ion:	112	Resp:	67678
Ion Ratio	Lower	Upper	
112	100		
64	78.5	42.6	63.8#
63	43.5	21.7	32.5#

Manual Integrations
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#6

Aniline

Concen: 17.01 ng

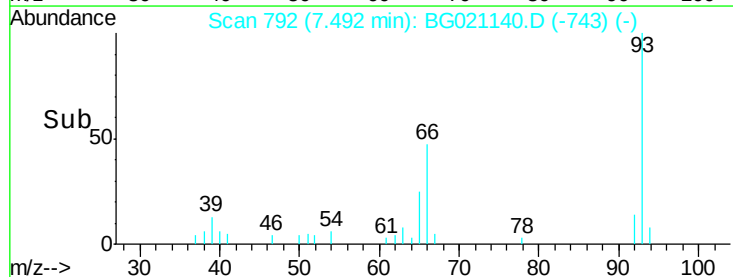
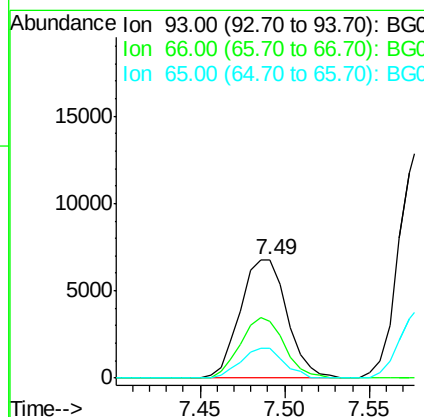
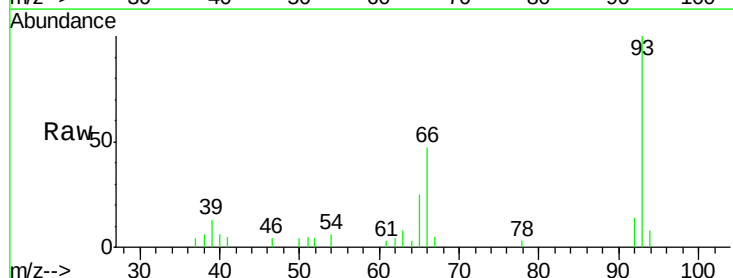
RT: 7.49 min Scan# 792

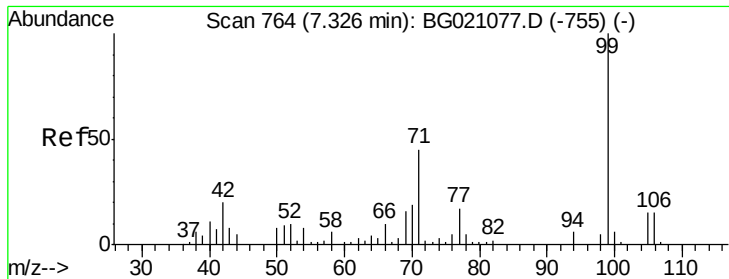
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	93	Resp:	13084
Ion Ratio	Lower	Upper	
93	100		
66	47.5	30.1	45.1#
65	24.8	16.6	24.8





#7

Phenol-d6

Concen: 183.28 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

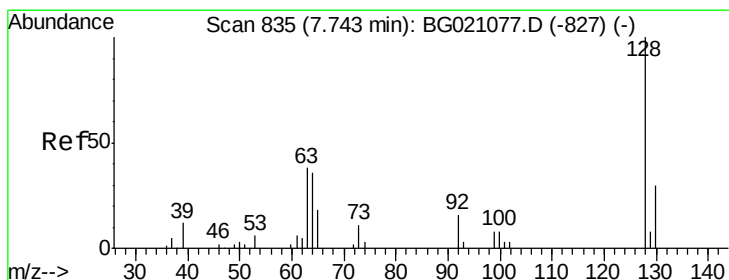
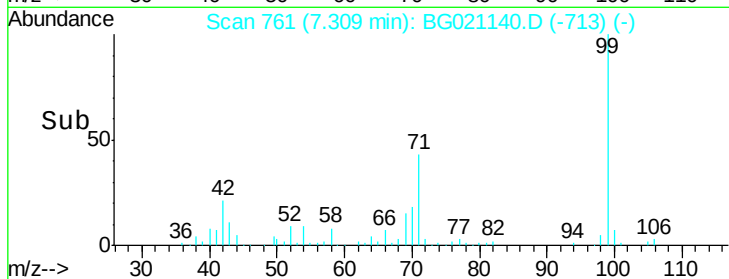
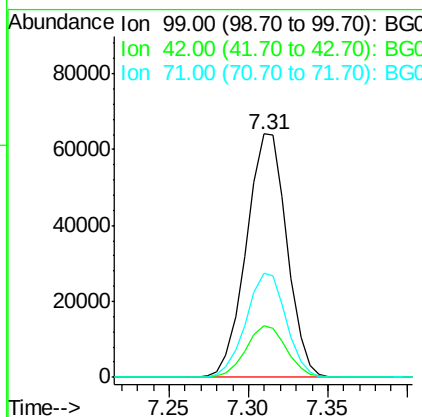
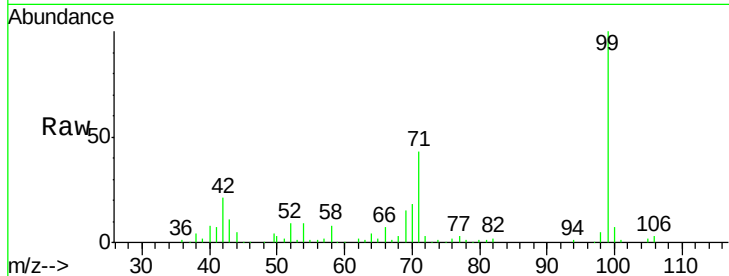
ClientSampleId :

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Tgt Ion:	99	Resp:	113952
Ion Ratio	Lower	Upper	
99	100		
42	21.4	13.2	19.8#
71	42.8	25.2	37.8#

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#8

2-Chlorophenol

Concen: 45.52 ng

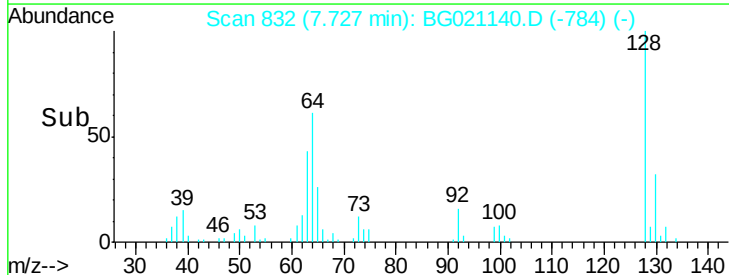
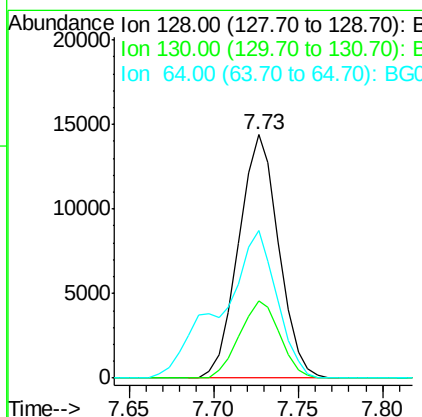
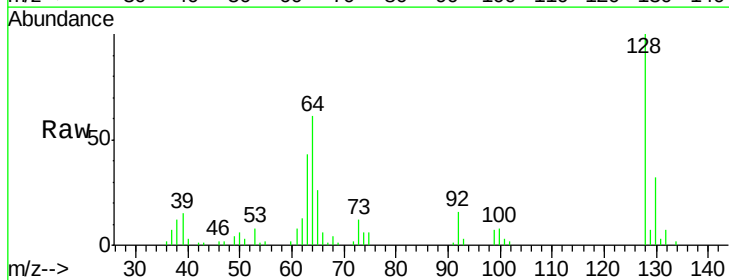
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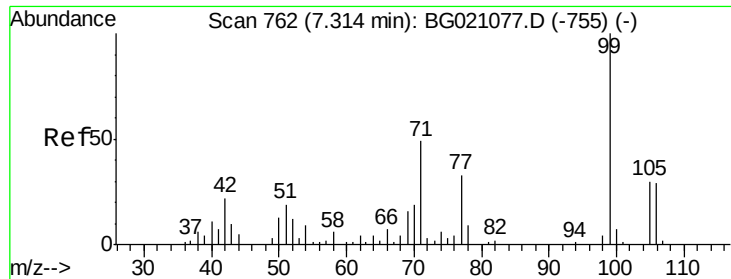
Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	128	Resp:	23722
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.9	51.9
64	60.9	25.8	65.8





#9

Benzaldehyde

Concen: 14.14 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

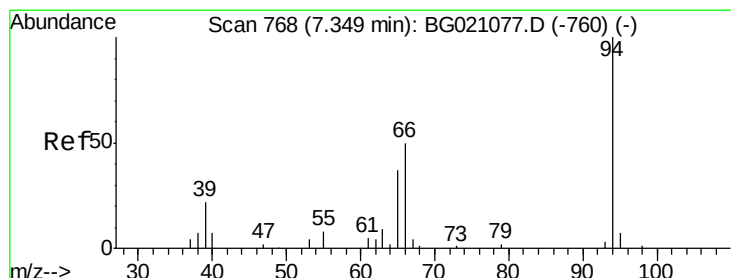
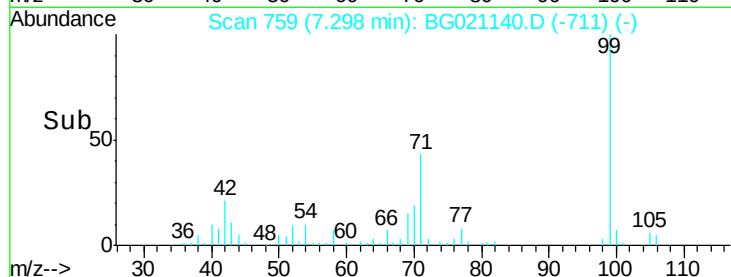
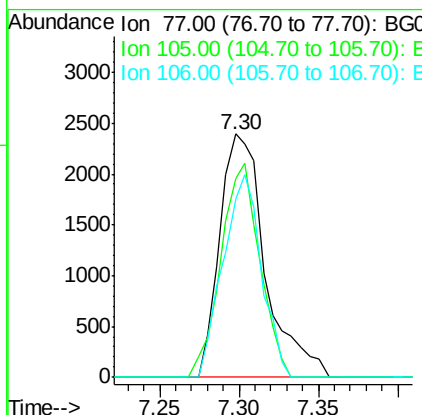
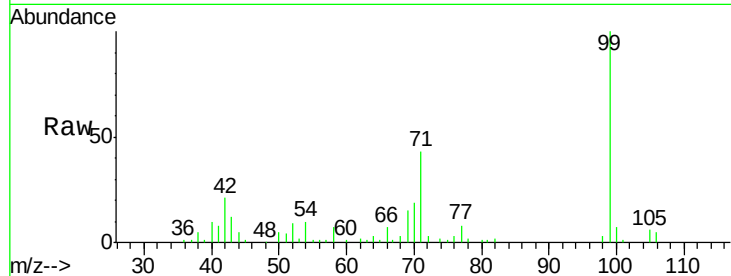
ClientSampled :

P-02MSD

Tgt Ion:	77	Resp:	4763
Ion	Ratio	Lower	Upper
77	100		
105	81.5	77.4	117.4
106	73.1	72.8	112.8

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#10

Phenol

Concen: 56.38 ng

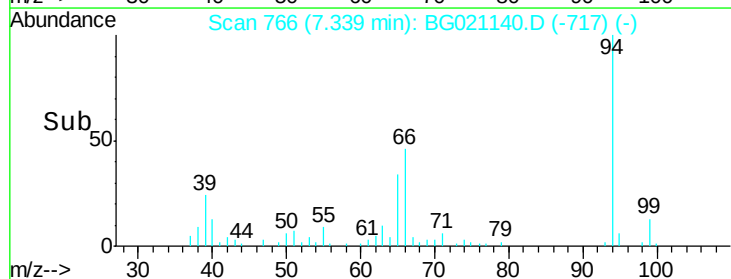
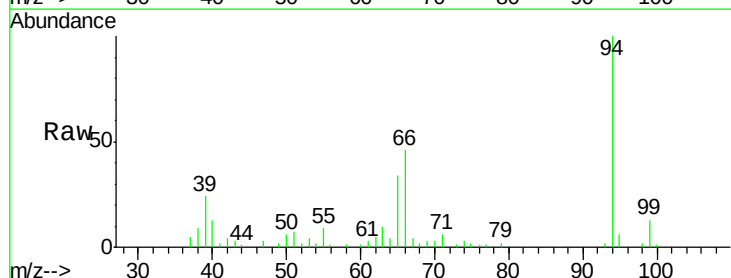
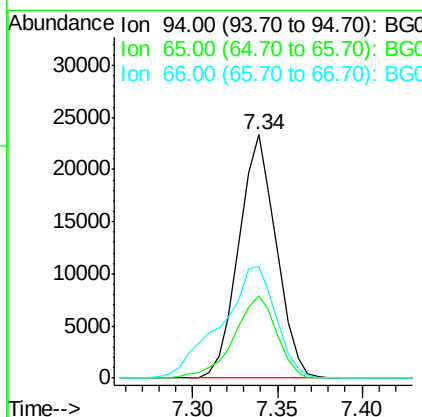
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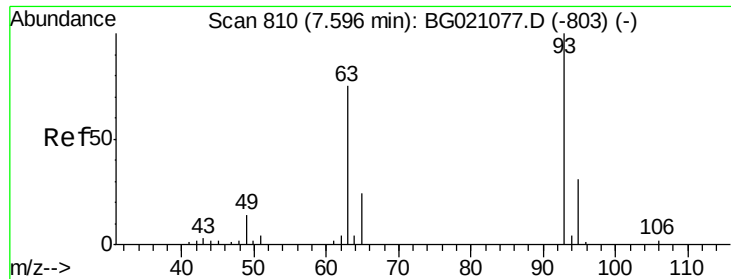
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	94	Resp:	35911
Ion	Ratio	Lower	Upper
94	100		
65	33.6	7.2	47.2
66	46.0	15.4	55.4





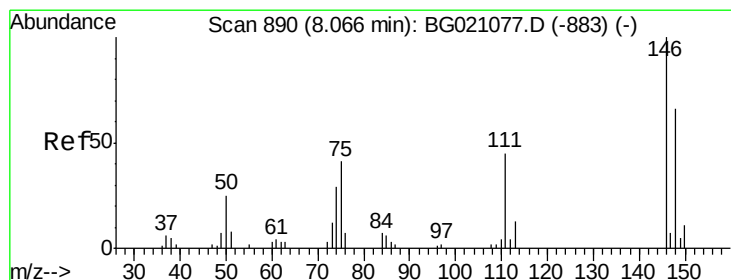
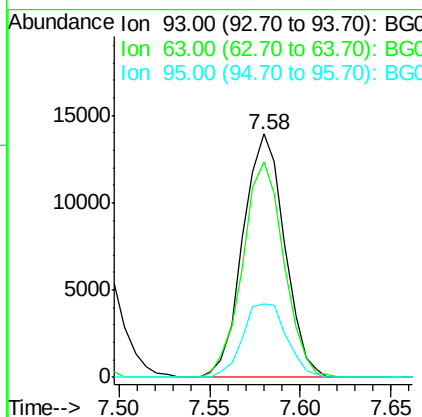
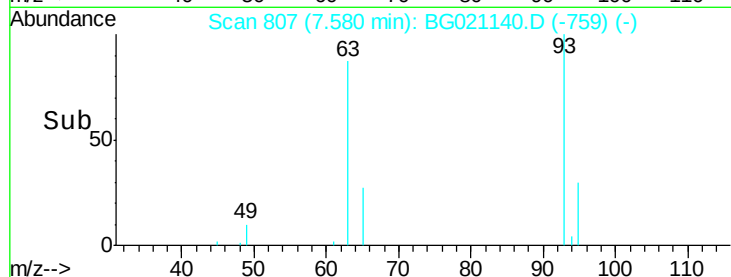
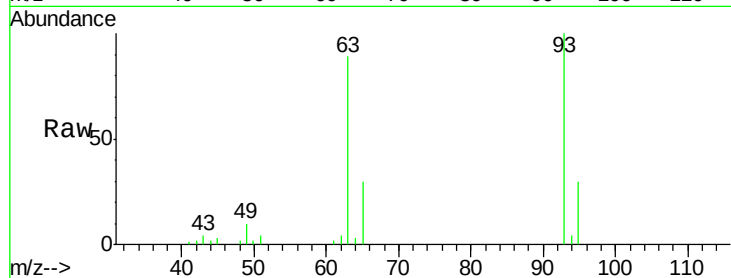
#11
bis(2-Chloroethyl)ether
Concen: 45.55 ng
RT: 7.58 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion:	93	Resp:	22240
Ion	Ratio	Lower	Upper
93	100		
63	88.6	60.5	100.5
95	30.3	14.6	54.6

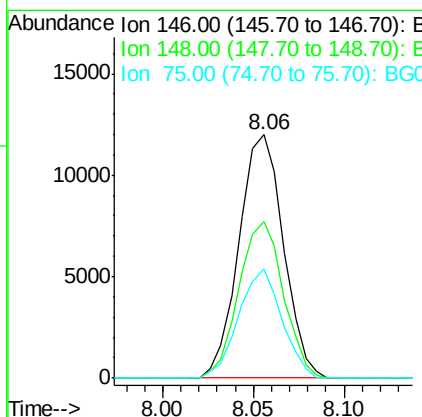
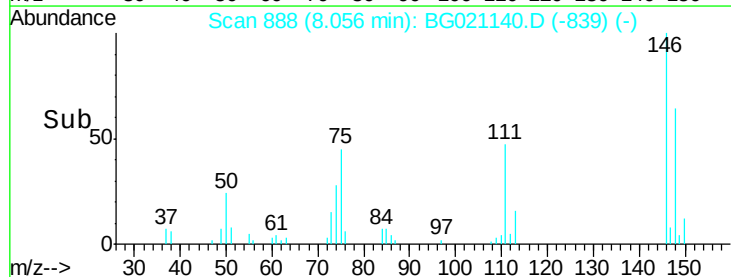
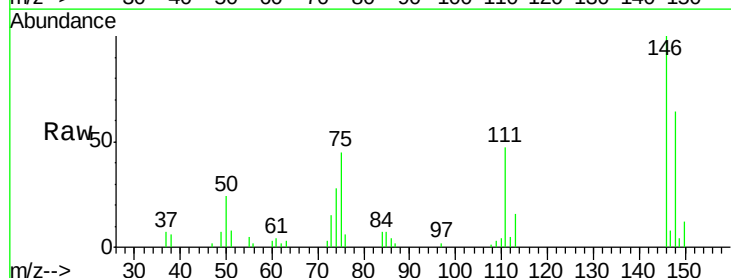
Manual Integrations
APPROVED

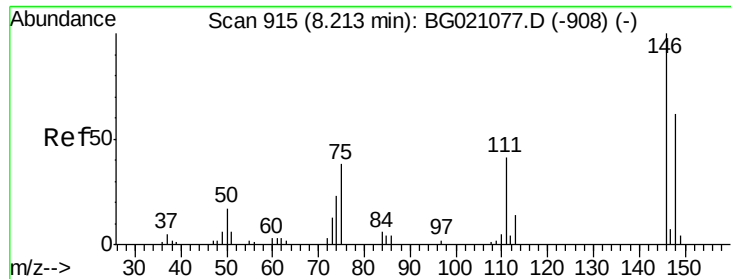
Sohil
2/29/2016 2:53:06 PM



#12
1,3-Dichlorobenzene
Concen: 36.86 ng
RT: 8.06 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:	146	Resp:	20446
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	78.8
75	44.6	24.0	36.0#





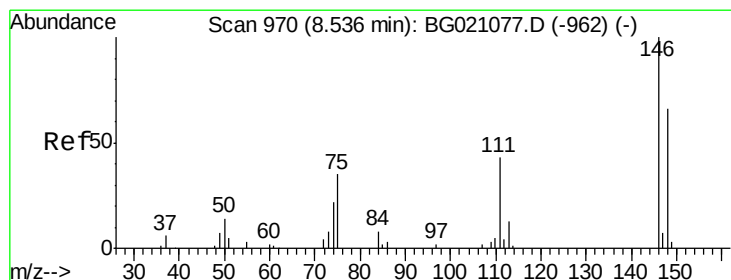
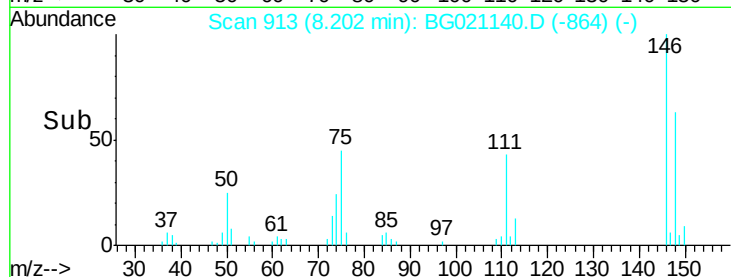
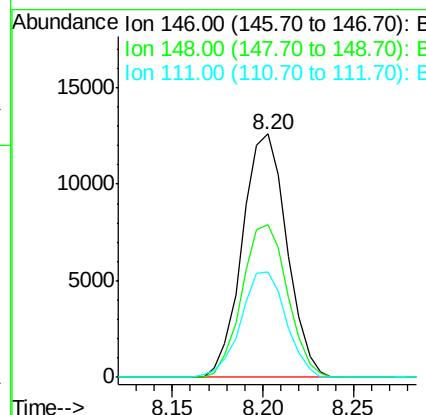
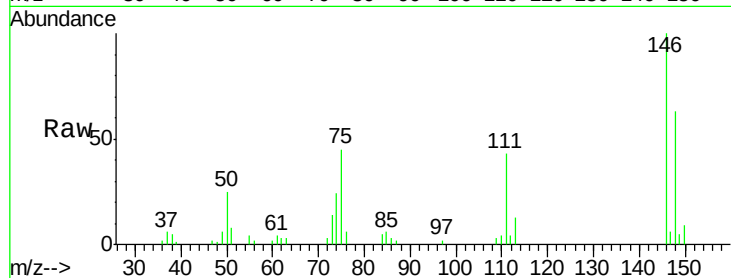
#13
 1,4-Dichlorobenzene
 Concen: 36.49 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	21617		
148	62.9	50.2	75.4	
111	43.4	31.9	47.9	

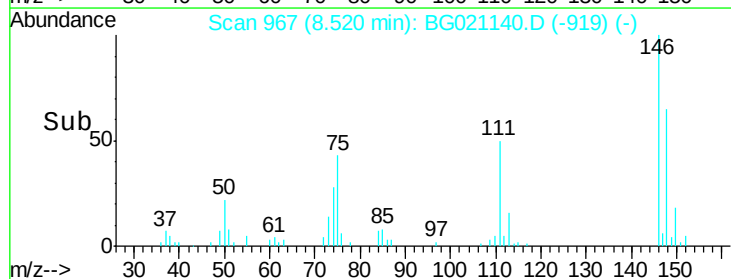
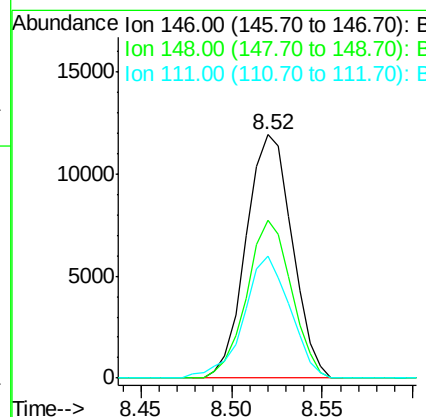
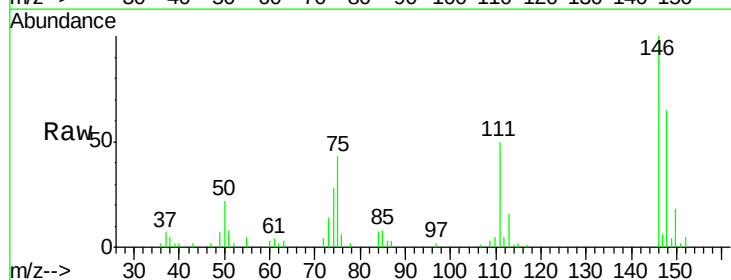
Manual Integrations
 APPROVED

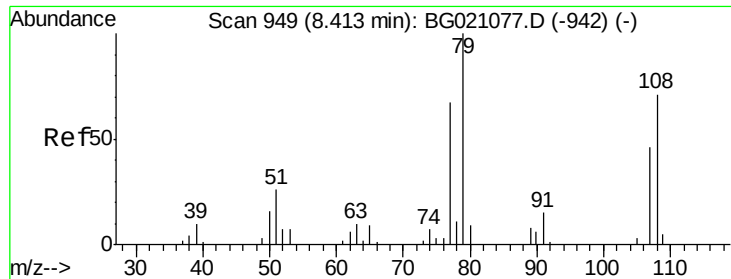
Sohil
 2/29/2016 2:53:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.52 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	21050		
148	64.9	50.5	75.7	
111	49.9	35.4	53.2	





#15

Benzyl Alcohol

Concen: 52.94 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

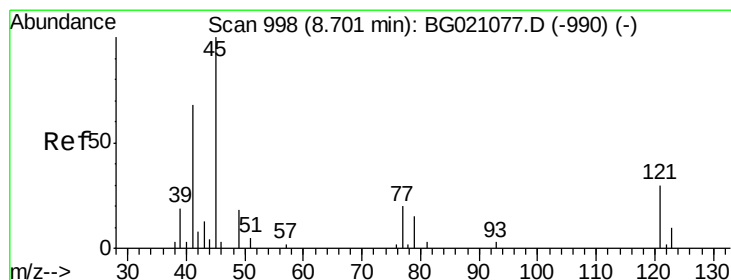
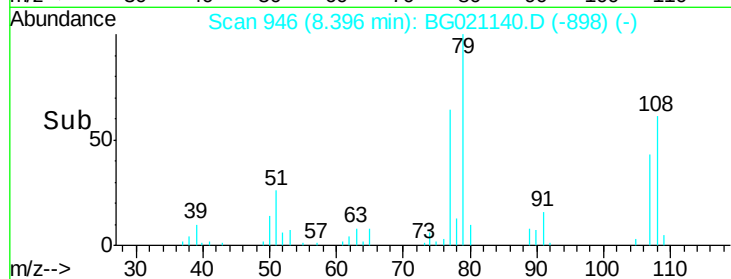
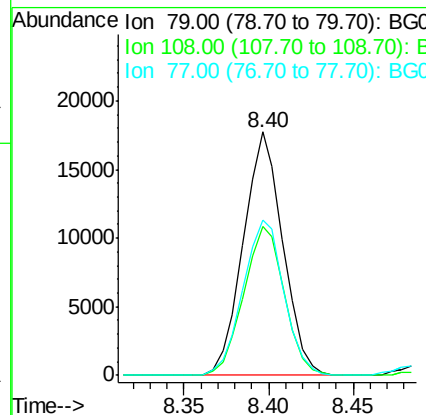
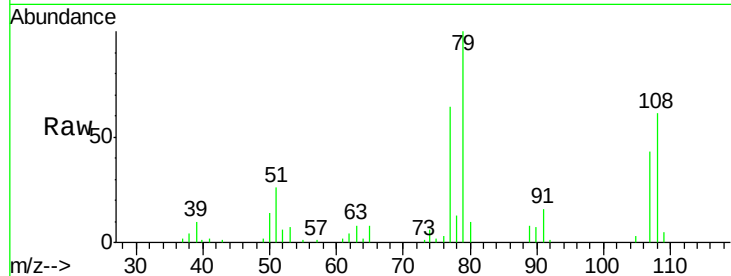
ClientSampled :

P-02MSD

Tgt Ion:	79	Resp:	28754
Ion Ratio	Lower	Upper	
79	100		
108	61.4	65.1	97.7#
77	63.8	53.8	80.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.94 ng

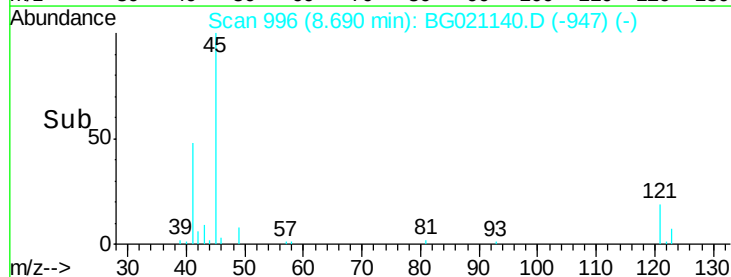
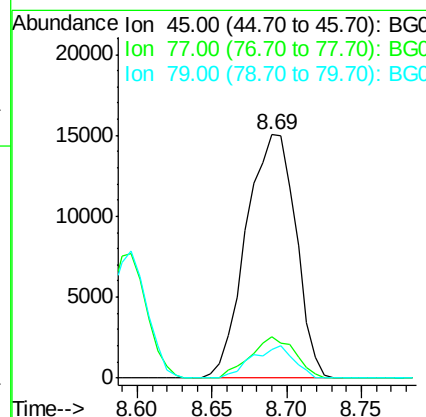
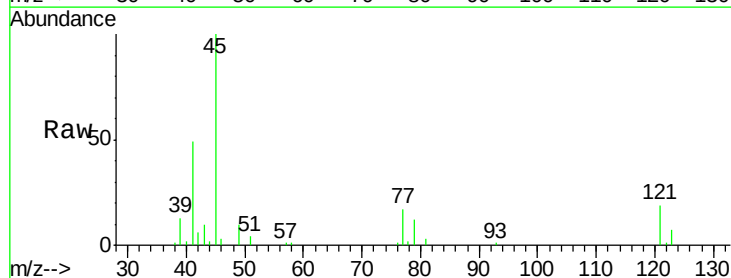
RT: 8.69 min Scan# 996

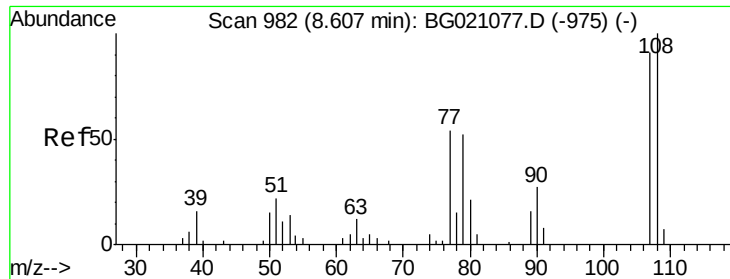
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	45	Resp:	34672
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	33.3
79	11.9	0.0	29.6





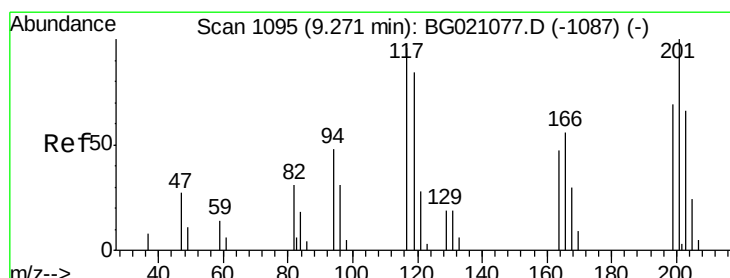
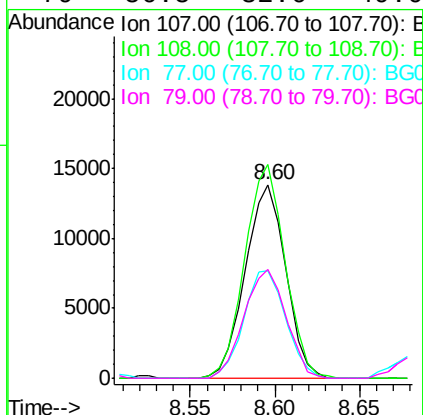
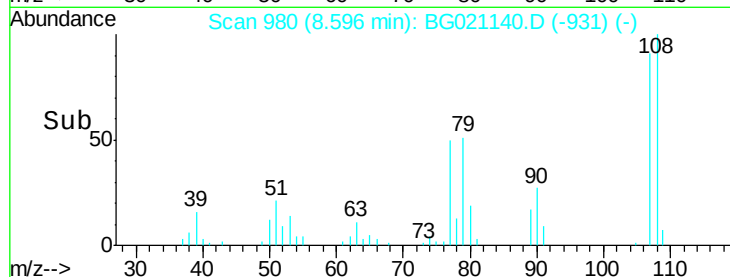
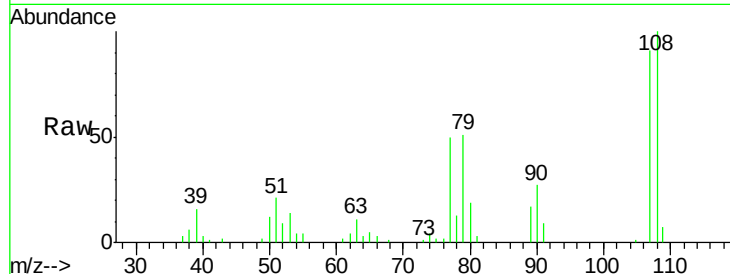
#17
2-Methylphenol
Concen: 51.33 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	23078		
108	110.5	88.8	133.2	
77	55.6	38.0	57.0	
79	56.5	32.6	49.0	

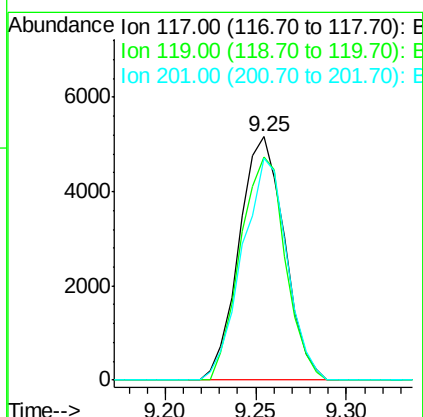
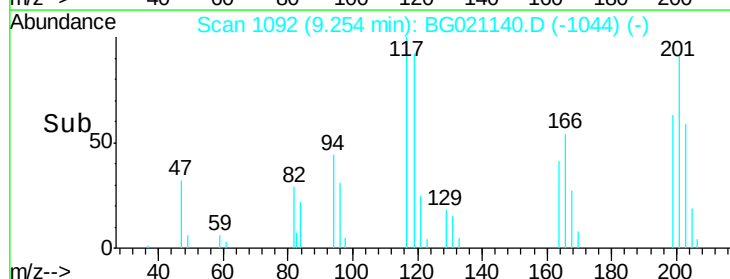
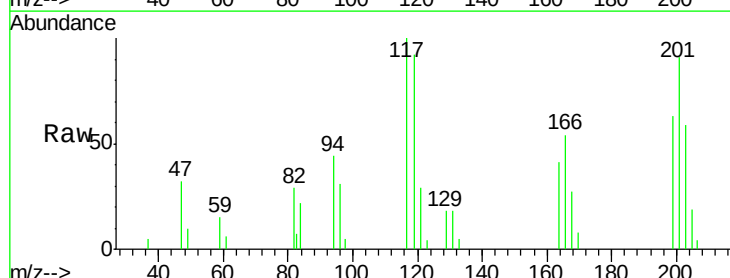
Manual Integrations
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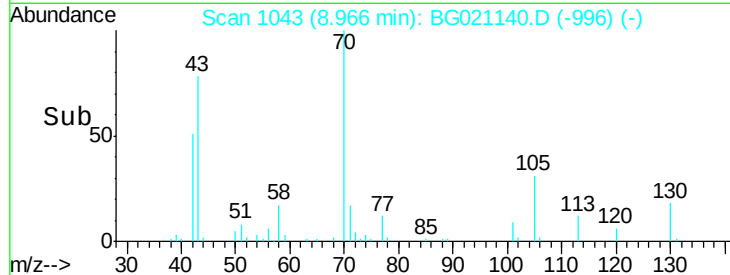
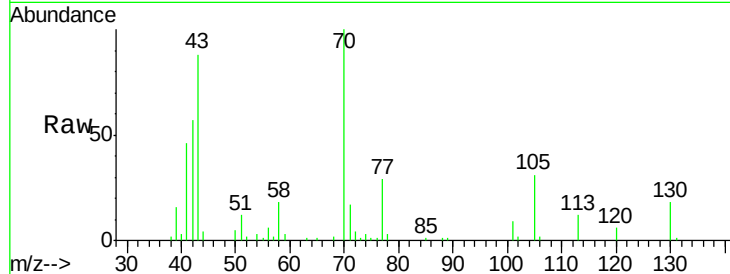
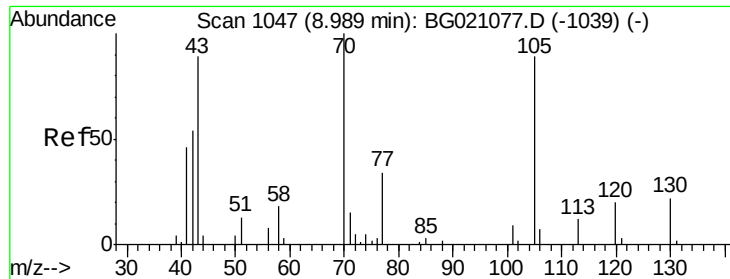
Sohil
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#18
Hexachloroethane
Concen: 40.27 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	9025		
119	91.6	74.5	111.7	
201	91.0	68.2	102.4	





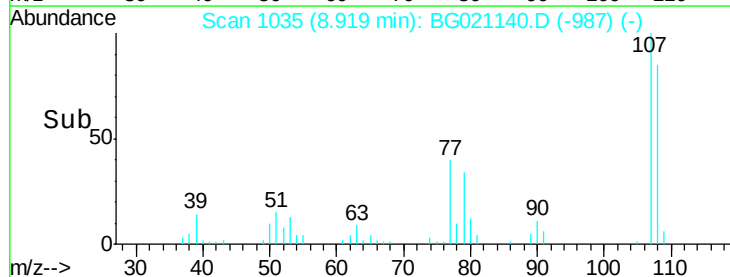
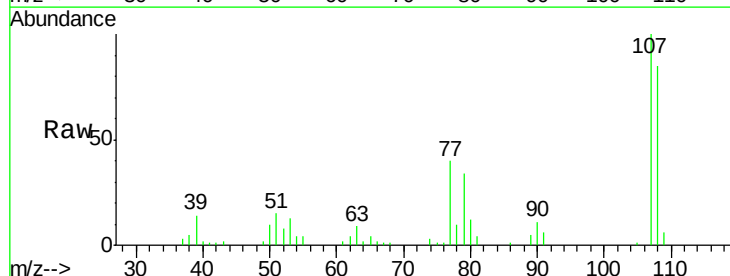
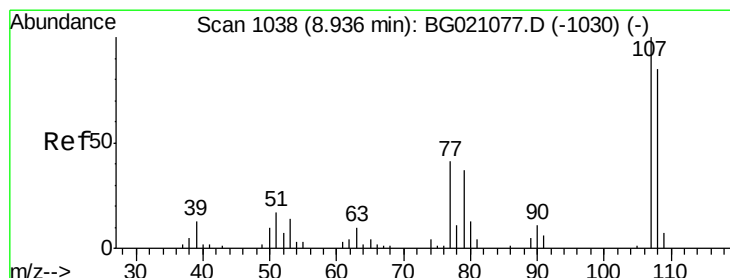
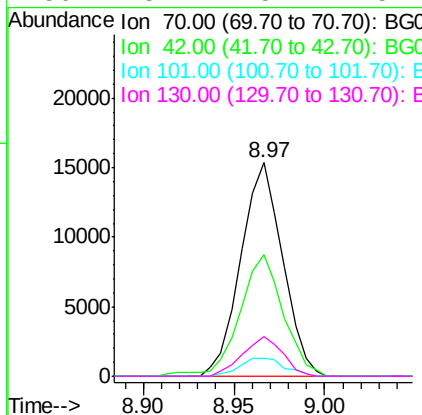
#19
n-Nitroso-di-n-propylamine
Concen: 51.19 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		24551		
42	57.1	48.8	73.2		
101	8.6	8.5	12.7		
130	18.4	15.4	23.2		

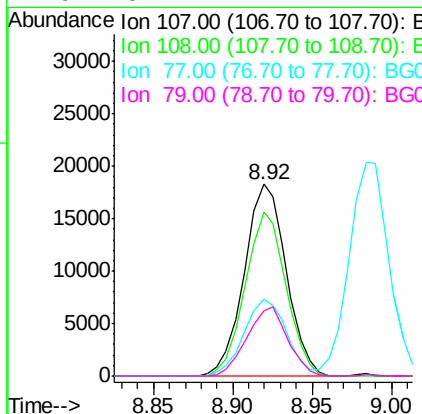
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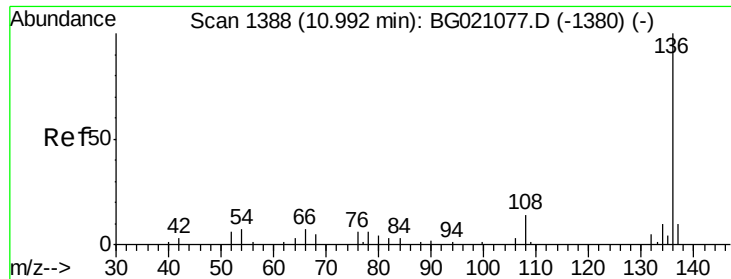
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#20
3+4-Methylphenols
Concen: 53.80 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		33536		
108	85.4	67.6	107.6		
77	40.4	14.4	54.4		
79	34.4	7.7	47.7		





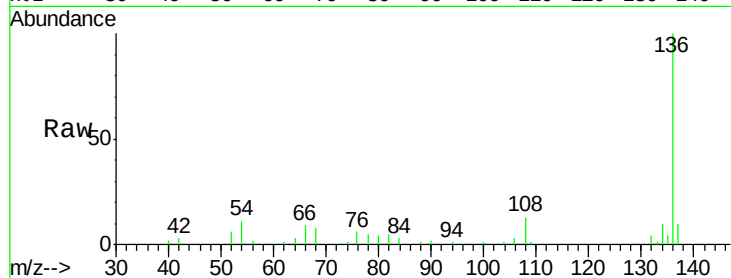
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.3	8.8	13.2
54	10.7	6.9	10.3
68	7.5	5.8	8.6

Manual Integrations
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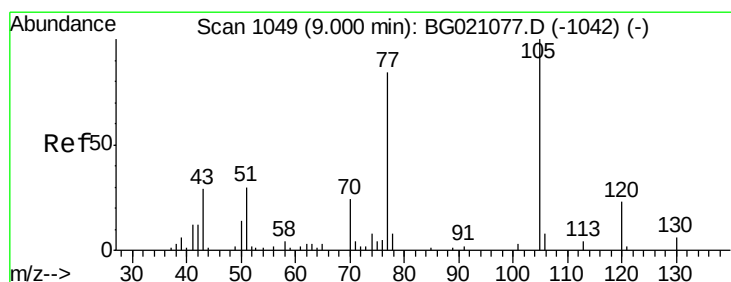
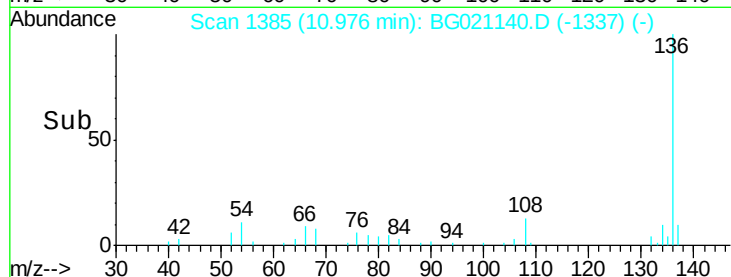
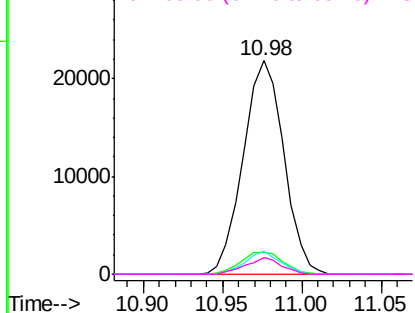
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.12 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	2.8	0.0	0.0
51	31.5	21.4	32.2
120	22.1	18.0	27.0

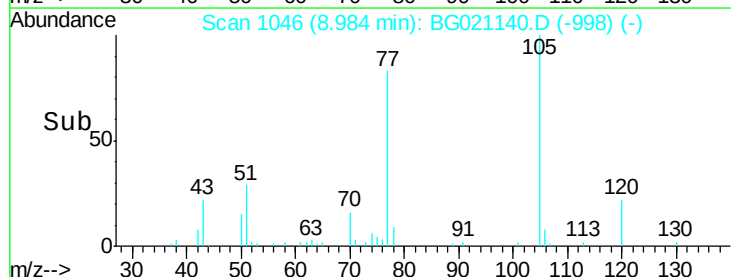
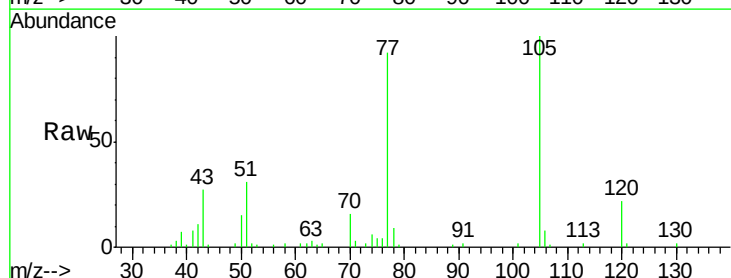
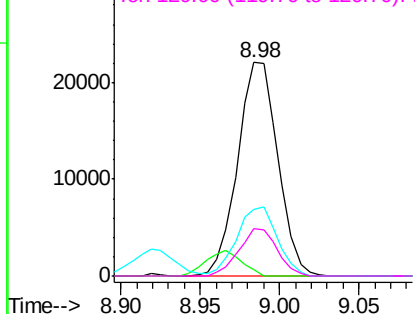
Abundance

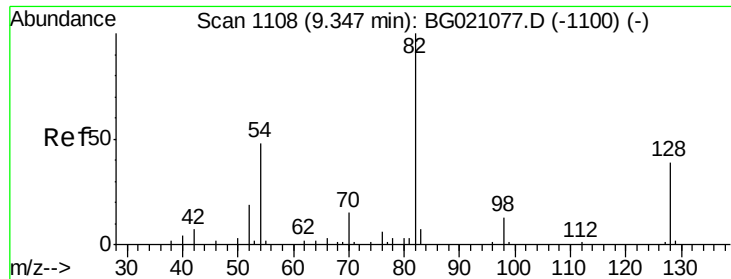
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





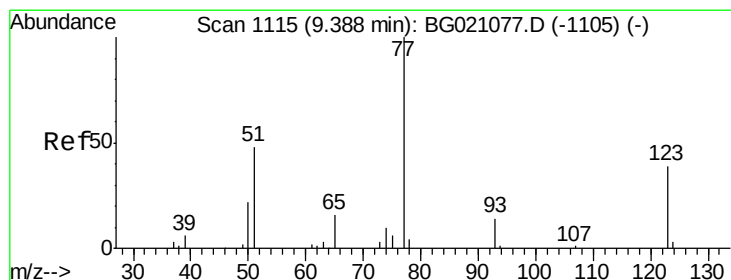
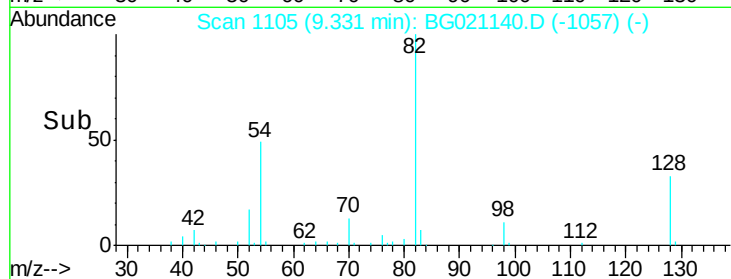
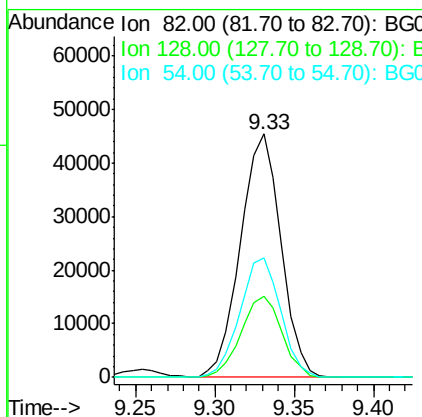
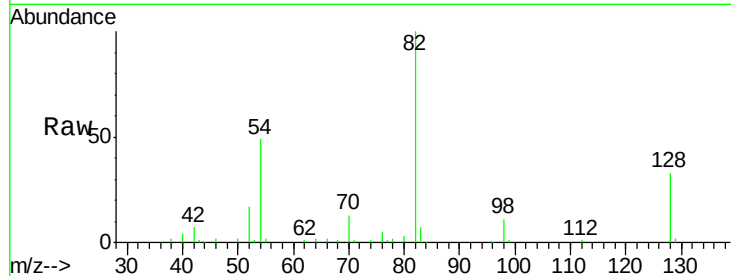
#23
Nitrobenzene-d5
Concen: 98.60 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.3	36.3	54.5#
54	48.9	37.6	56.4

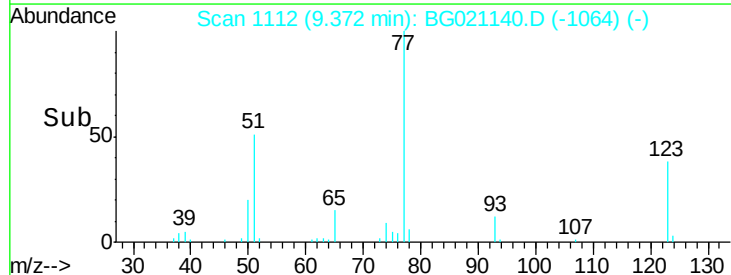
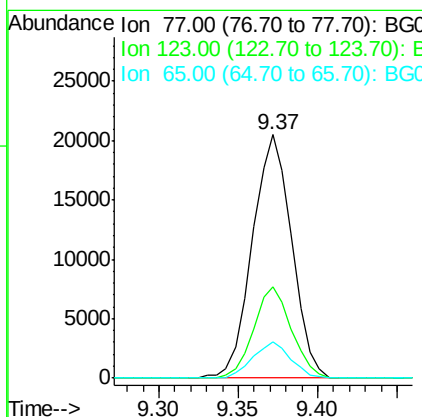
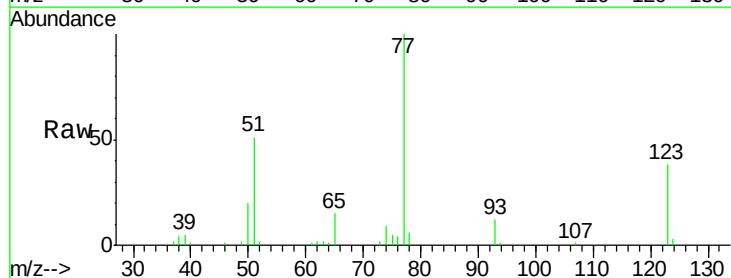
Manual Integrations
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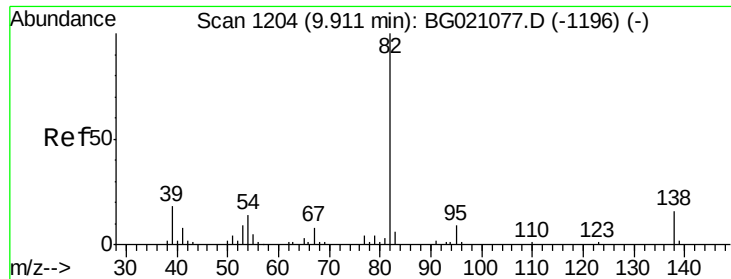
Sohil
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#24
Nitrobenzene
Concen: 41.79 ng
RT: 9.37 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	37.7	35.8	53.6
65	14.8	10.6	16.0





#25

Isophorone

Concen: 44.06 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

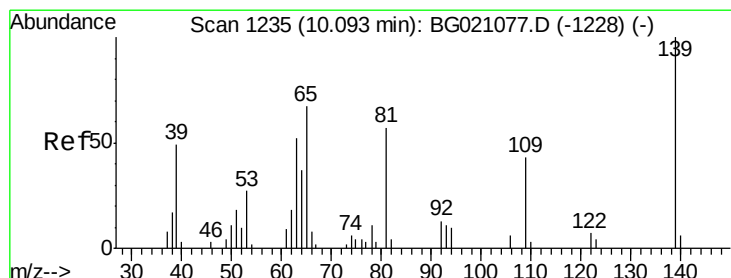
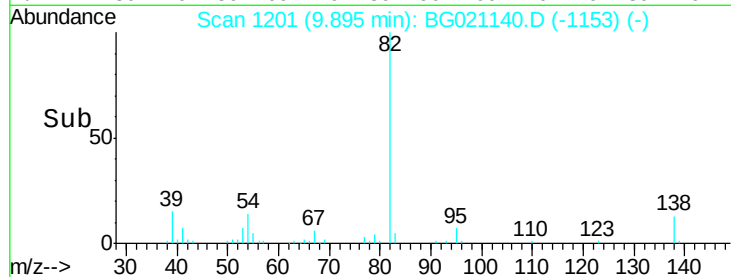
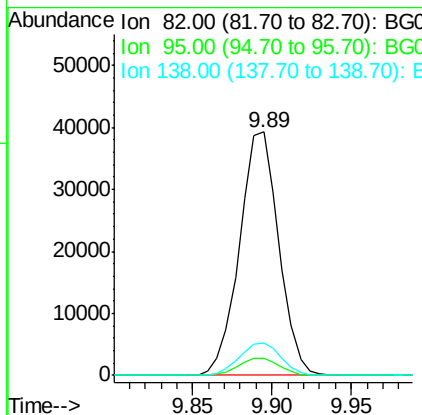
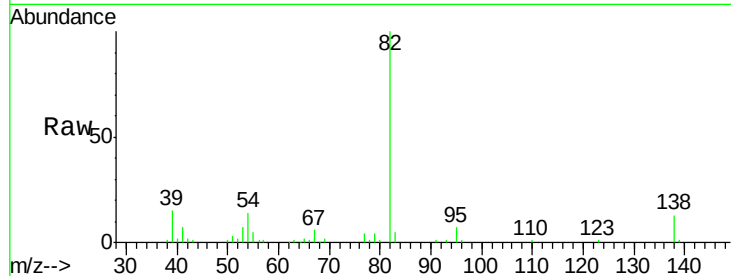
ClientSampled :

P-02MSD

Tgt Ion:	82	Resp:	67572
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.0
138	13.4	13.4	20.0

Manual Integrations
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2/29/2016 2:53:06 PM



#26

2-Nitrophenol

Concen: 37.09 ng

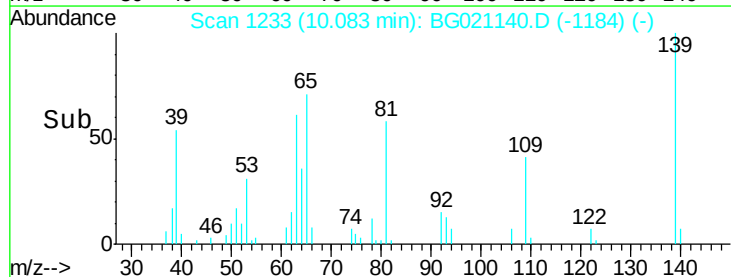
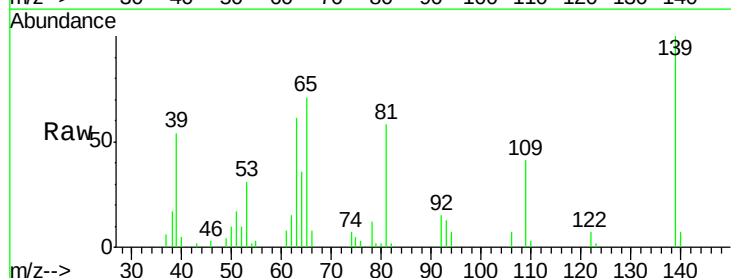
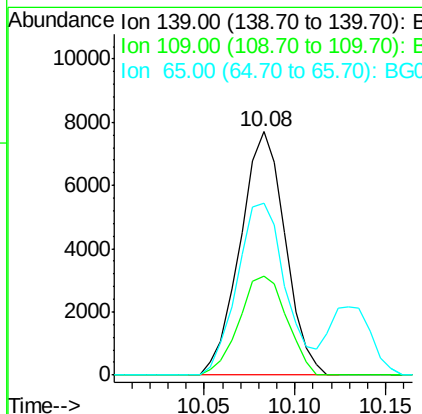
RT: 10.08 min Scan# 1233

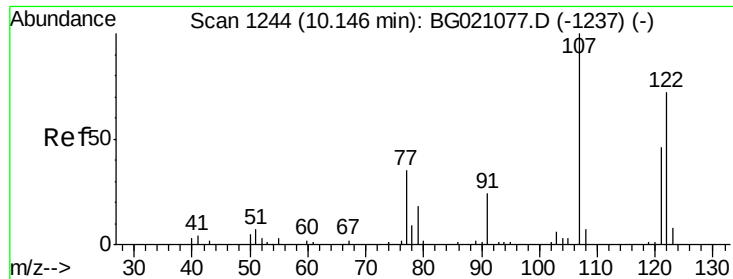
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	139	Resp:	13256
Ion Ratio	Lower	Upper	
139	100		
109	40.9	21.4	32.0#
65	70.7	37.8	56.8#





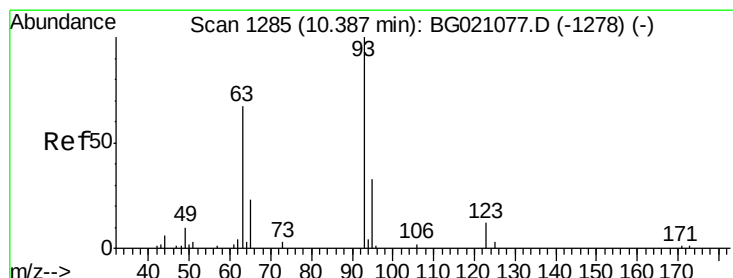
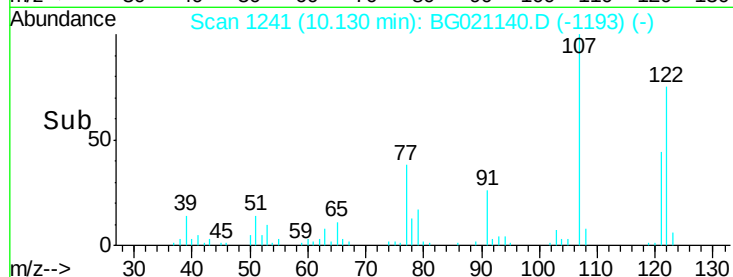
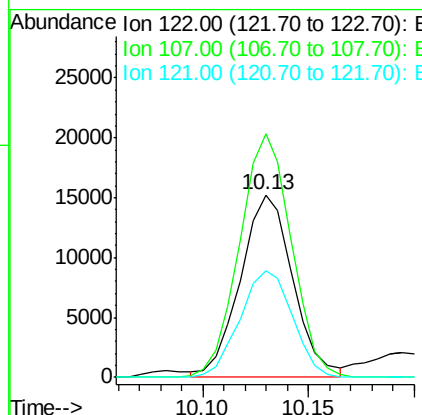
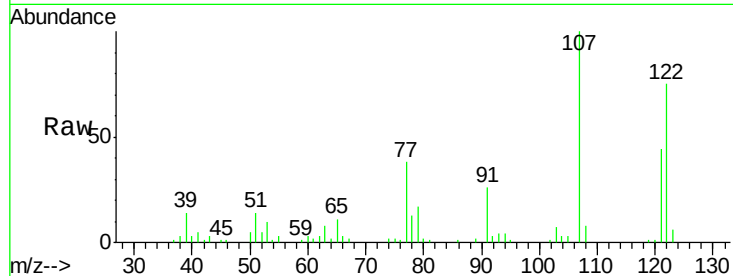
#27
 2,4-Dimethylphenol
 Concen: 41.76 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26329		
107	133.5	94.1	141.1	
121	58.2	45.9	68.9	

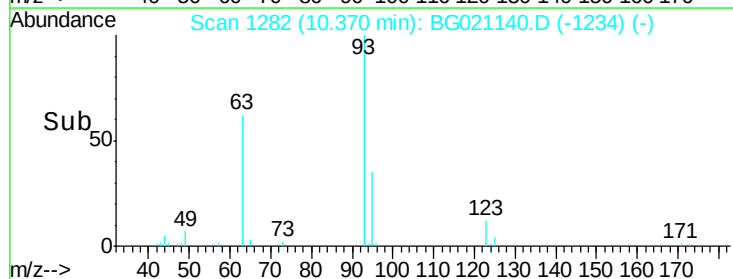
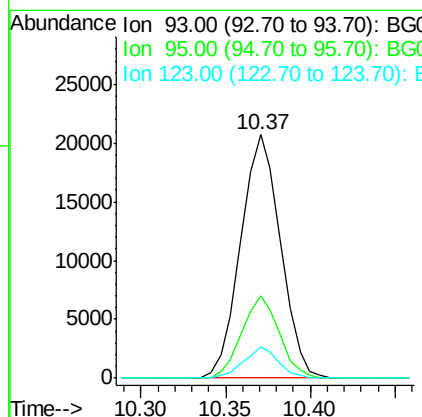
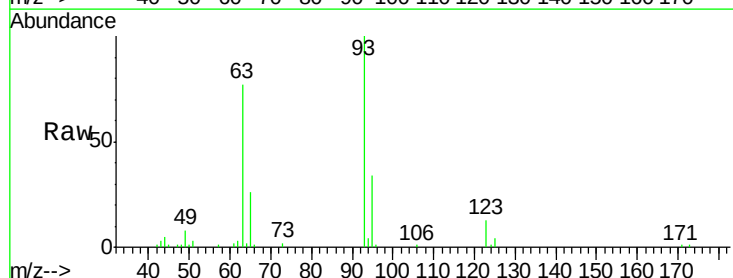
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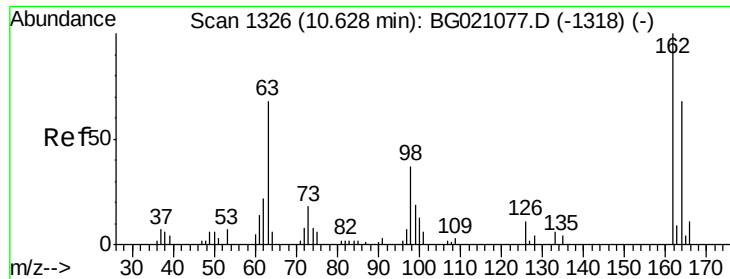
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.40 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	33936		
95	33.6	24.2	36.2	
123	12.7	9.0	13.6	





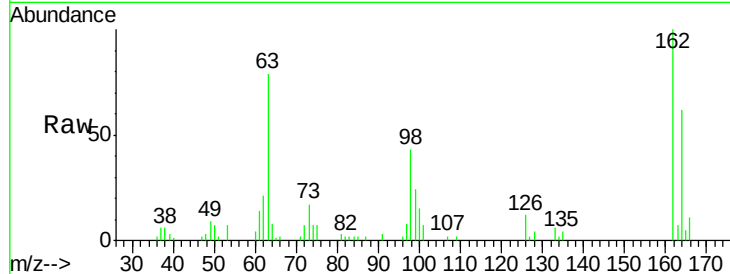
#29
 2,4-Dichlorophenol
 Concen: 40.15 ng
 RT: 10.61 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

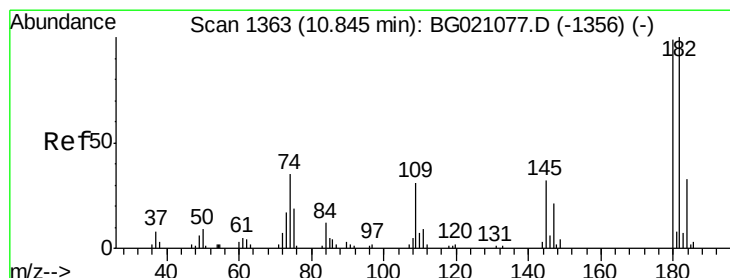
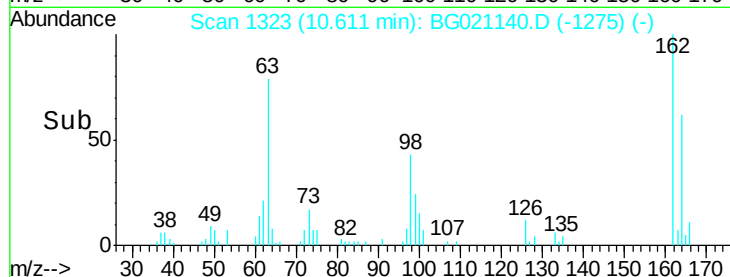
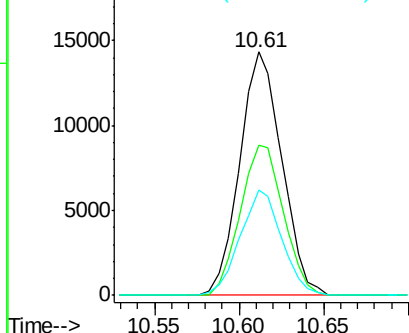
Tgt Ion:	162	Resp:	24781
Ion Ratio	Lower	Upper	
162	100		
164	61.6	43.7	83.7
98	43.4	18.3	58.3

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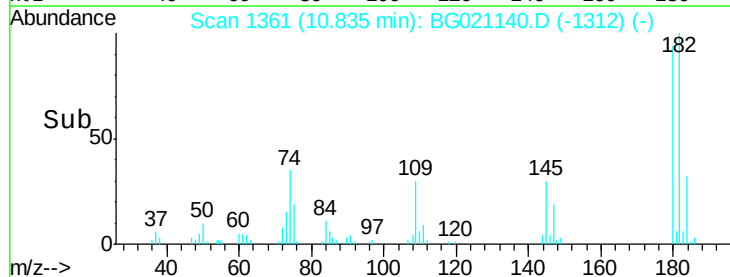
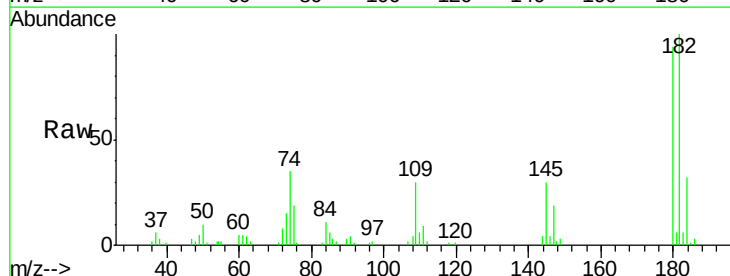
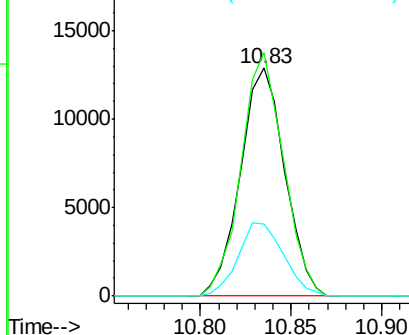
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

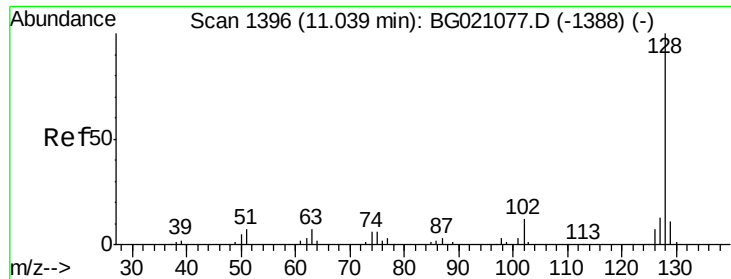


#30
 1,2,4-Trichlorobenzene
 Concen: 31.40 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:	180	Resp:	21963
Ion Ratio	Lower	Upper	
180	100		
182	106.7	77.4	116.0
145	31.8	25.7	38.5

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





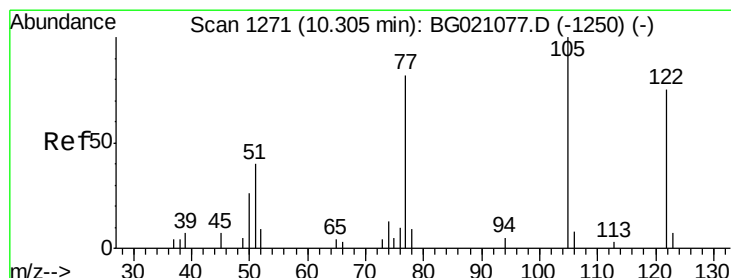
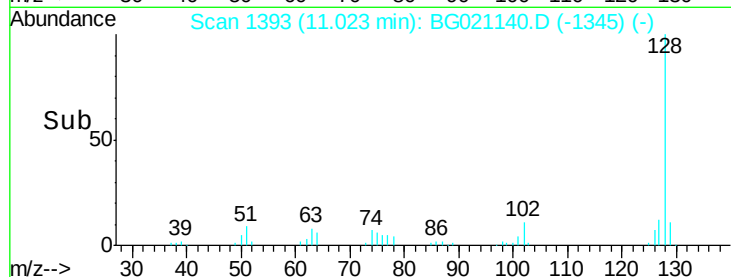
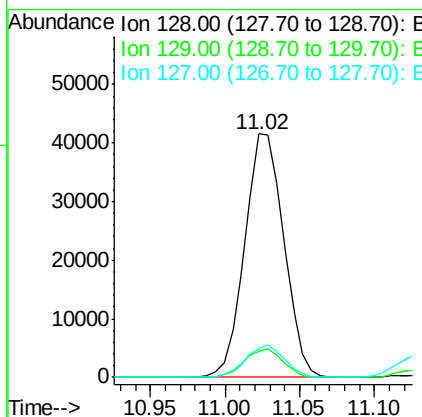
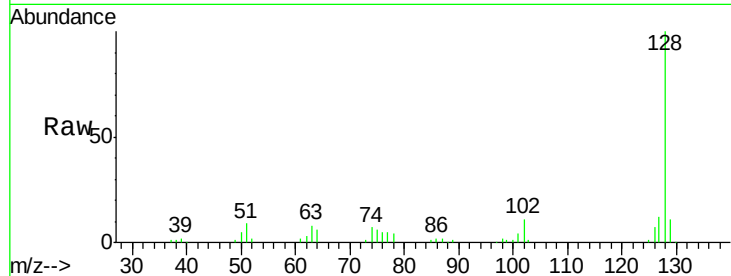
#31
Naphthalene
Concen: 37.48 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampled :
P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.5	9.4	14.2
127	11.9	10.8	16.2

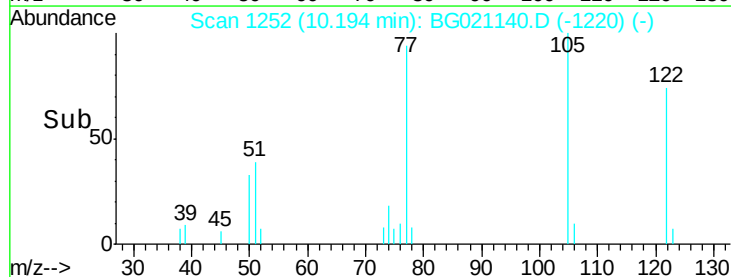
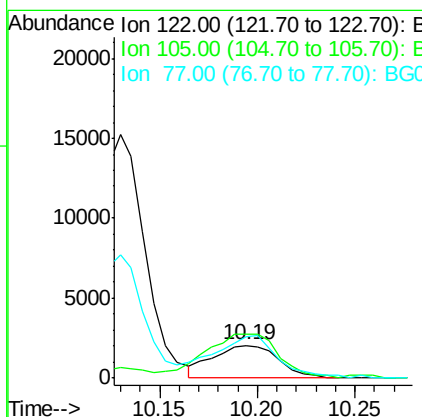
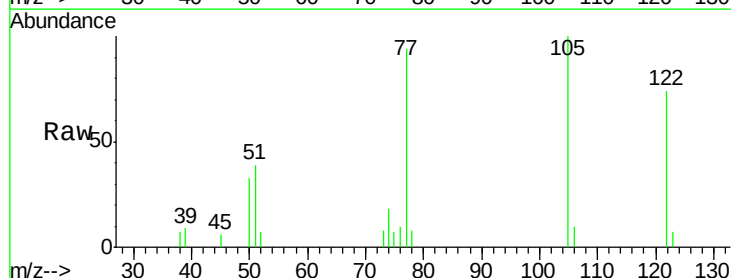
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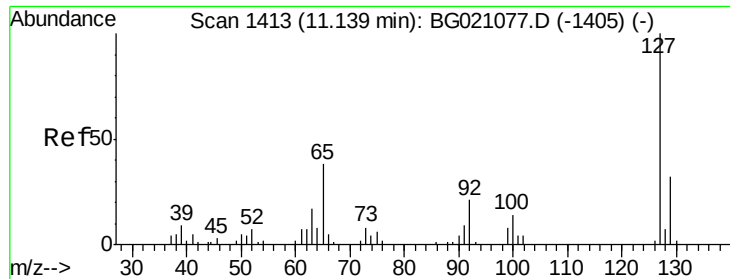
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#32
Benzoic acid
Concen: 8.29 ng
RT: 10.19 min Scan# 1252
Delta R.T. -0.11 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	134.7	98.7	138.7
77	127.1	84.5	124.5#





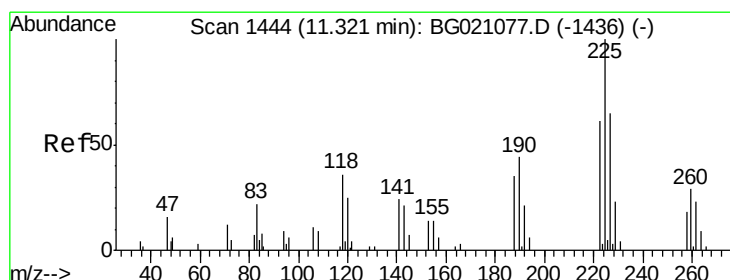
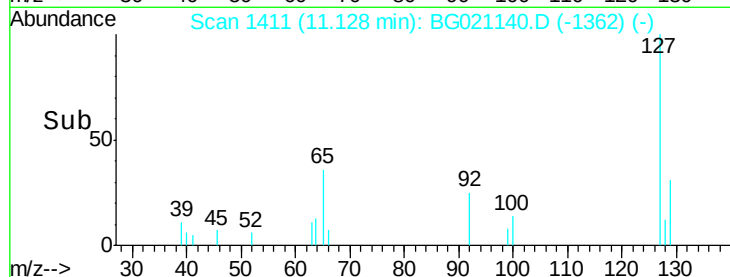
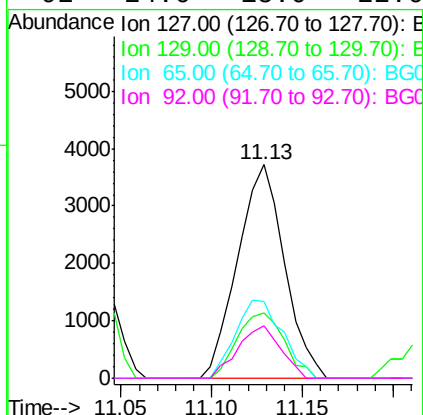
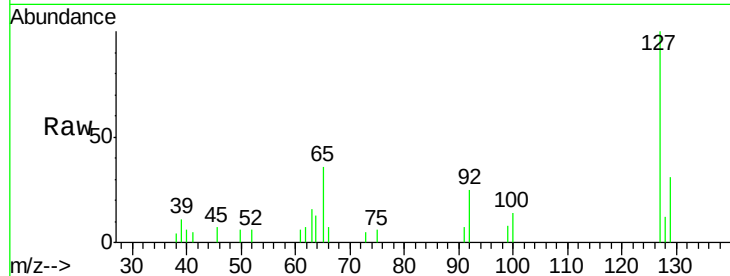
#33
 4-Chloroaniline
 Concen: 7.98 ng
 RT: 11.13 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	6677		
129	30.7	26.2	39.2	
65	35.9	22.9	34.3	
92	24.6	15.0	22.6	

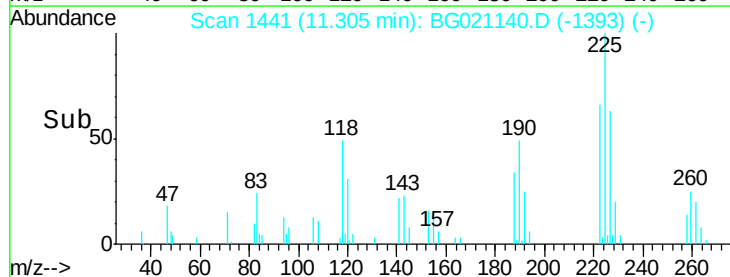
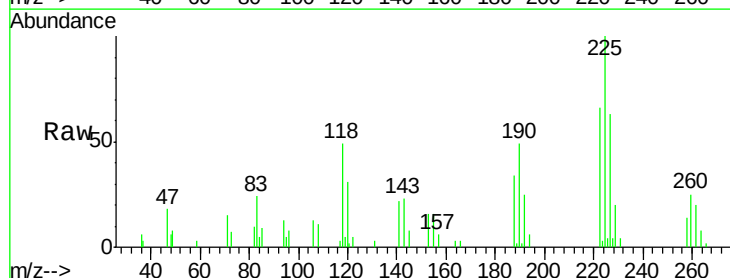
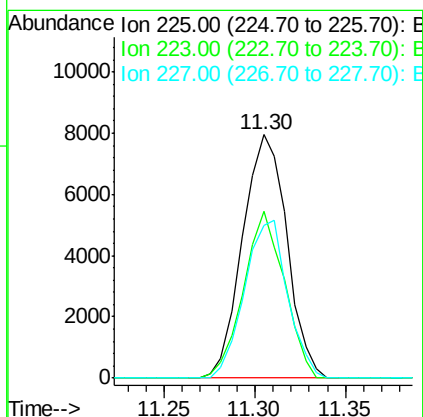
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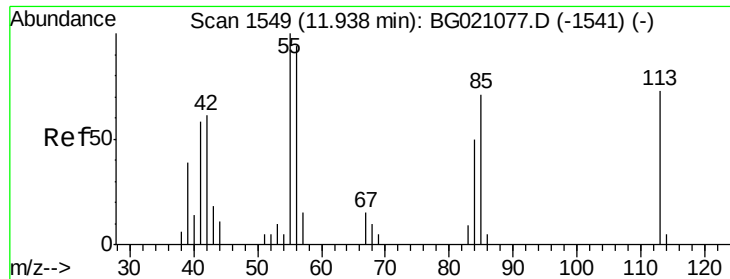
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#34
 Hexachlorobutadiene
 Concen: 29.07 ng
 RT: 11.30 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	13607		
223	65.9	54.6	82.0	
227	63.9	54.6	81.8	





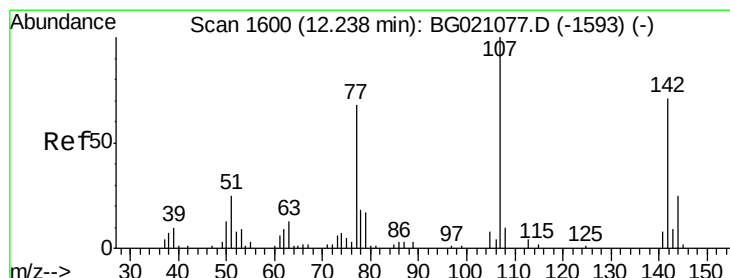
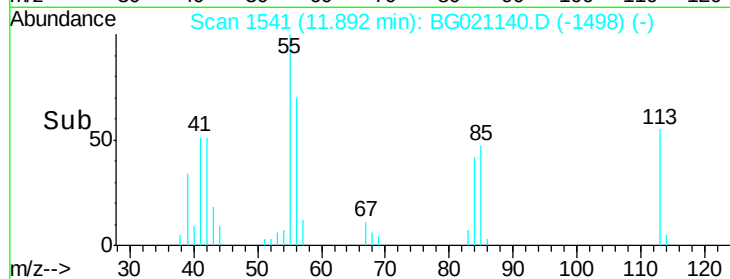
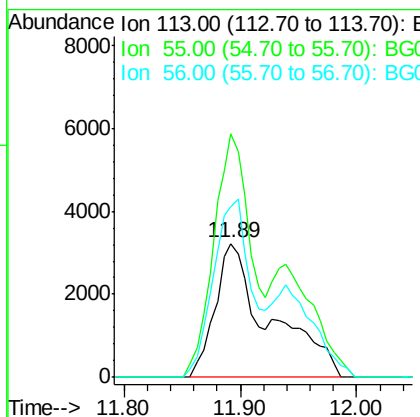
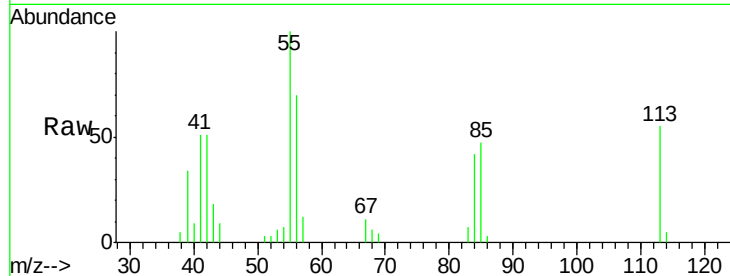
#35
 Caprolactam
 Concen: 50.30 ng m
 RT: 11.89 min Scan# 1541
 Delta R.T. -0.05 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampled :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	10489		
55	181.5	155.2	195.2	
56	127.5	94.0	134.0	

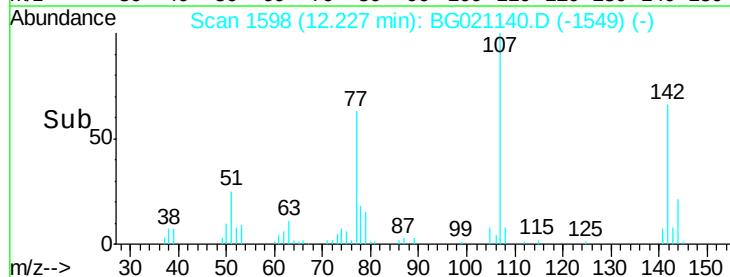
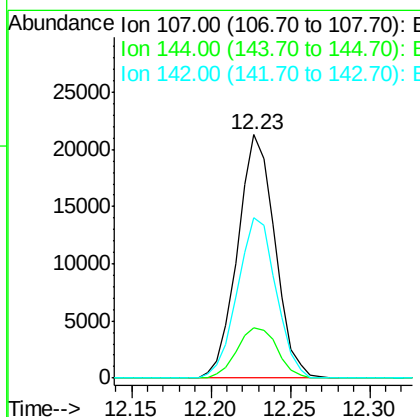
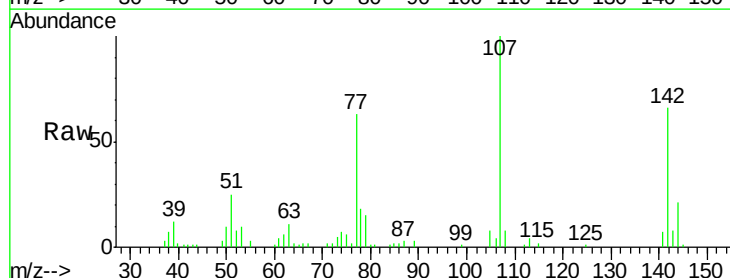
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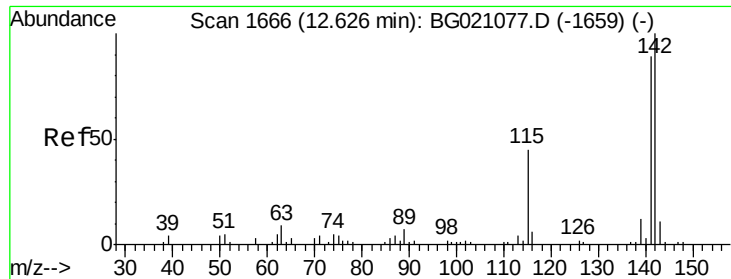
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#36
 4-Chloro-3-methylphenol
 Concen: 45.93 ng
 RT: 12.23 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	34754		
144	20.8	21.8	32.8#	
142	65.9	65.6	98.4	





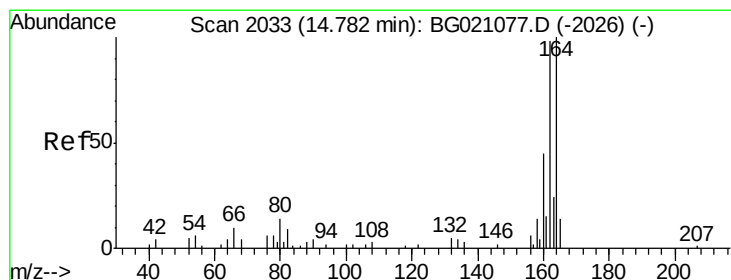
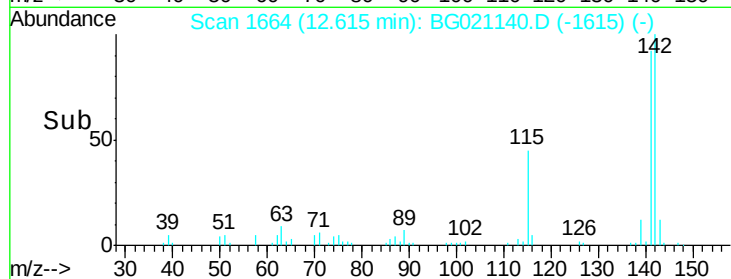
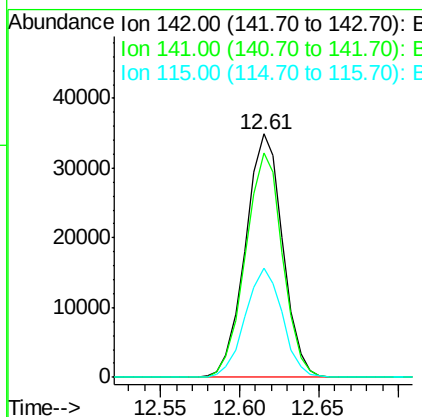
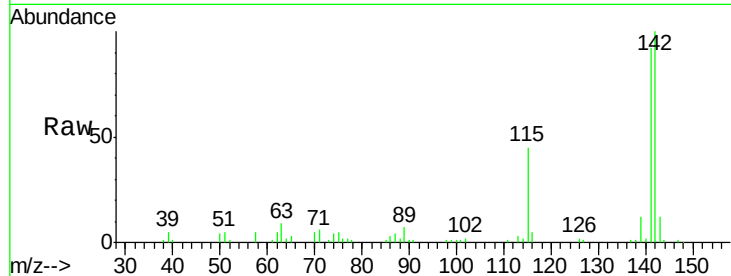
#37
 2-Methylnaphthalene
 Concen: 40.49 ng
 RT: 12.61 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	56946		
141	91.9	71.7	107.5	
115	44.7	26.2	39.4	

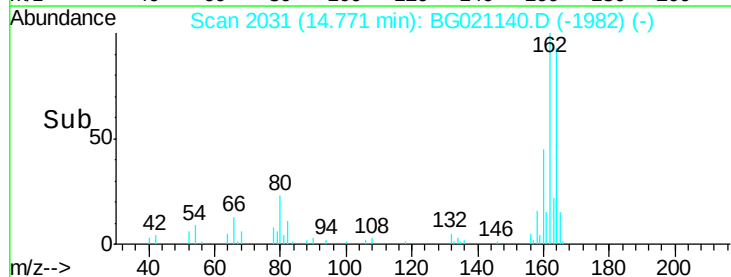
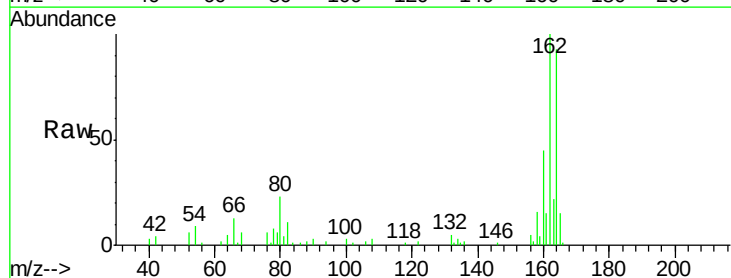
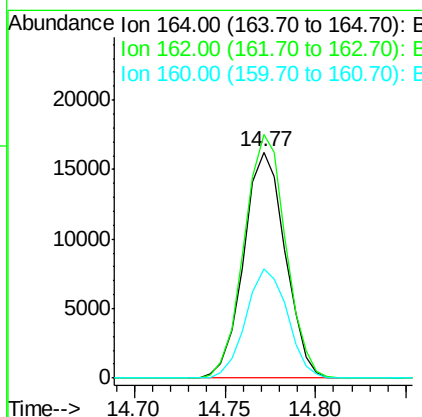
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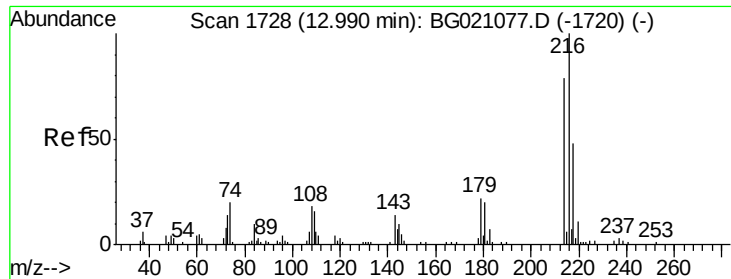
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	25837		
162	107.7	80.6	120.8	
160	48.4	36.5	54.7	





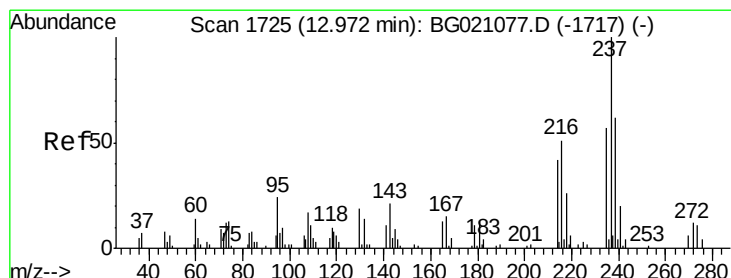
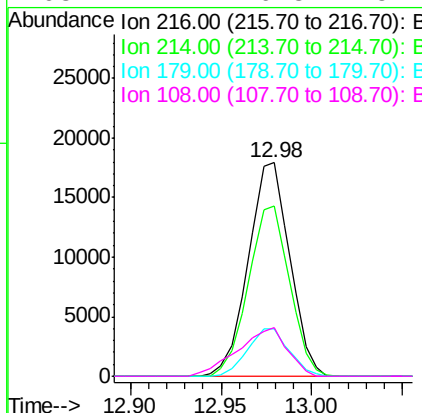
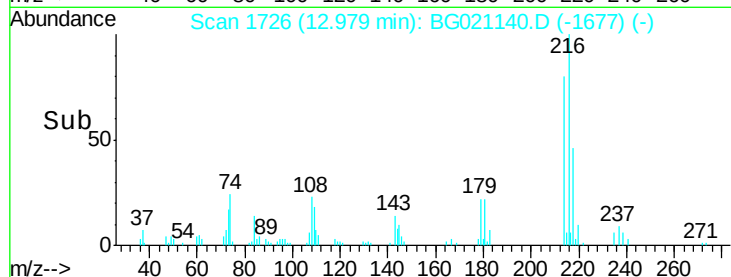
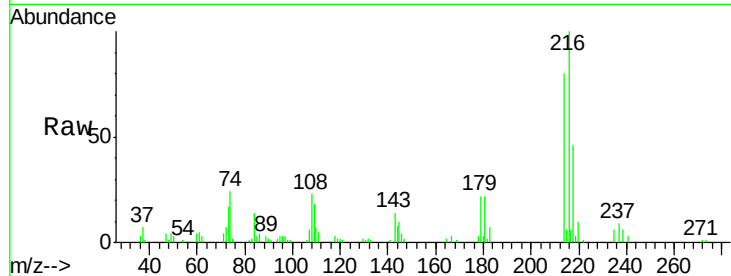
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.93 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.5	95.3
179	21.9	17.4	26.0
108	27.2	16.8	25.2

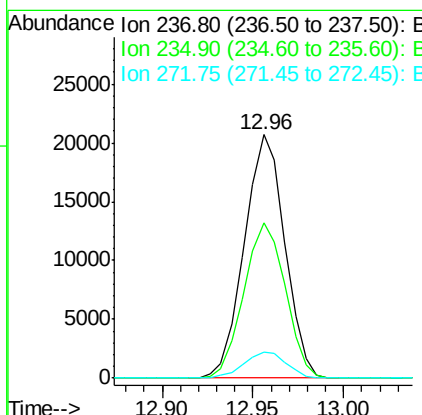
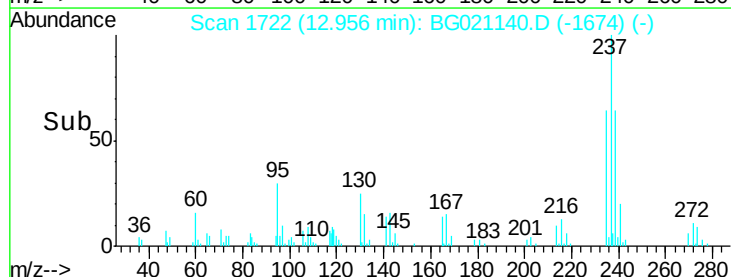
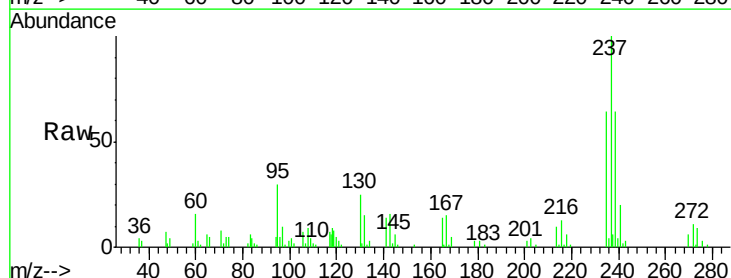
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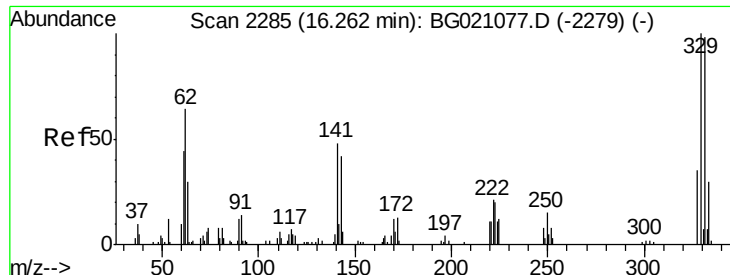
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#40
 Hexachlorocyclopentadiene
 Concen: 51.05 ng
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.9	82.9
272	10.7	0.0	32.3





#41

2,4,6-Tribromophenol

Concen: 110.95 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

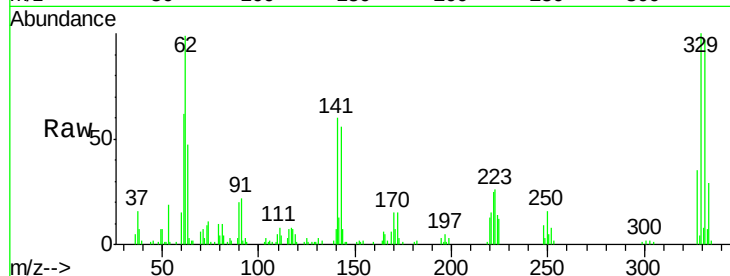
ClientSampled :

P-02MSD

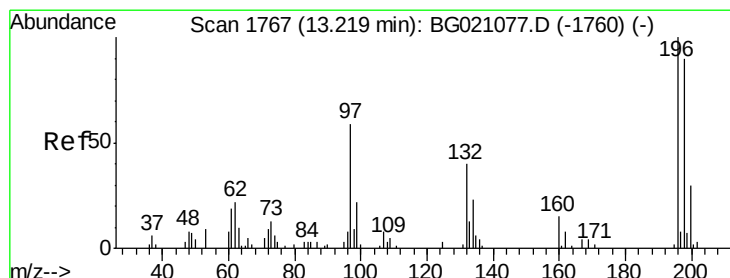
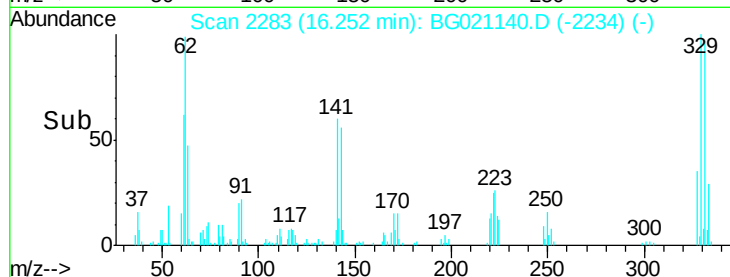
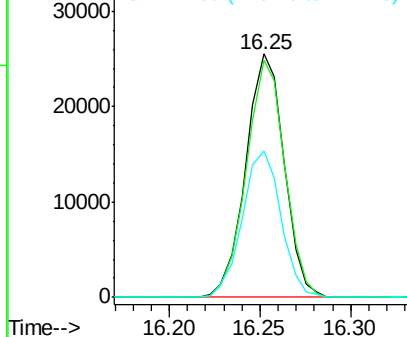
Tgt Ion:	330	Resp:	37584
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.4	116.0
141	60.7	35.3	52.9#

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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: 37.53 ng

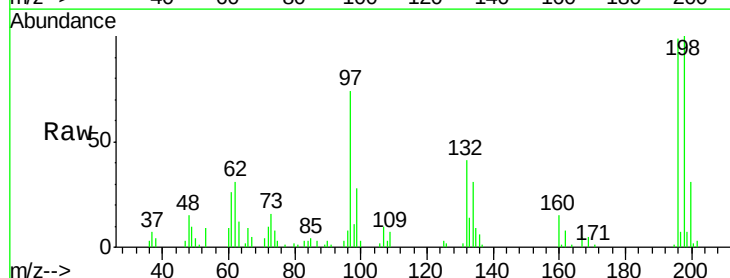
RT: 13.21 min Scan# 1765

Delta R.T. -0.01 min

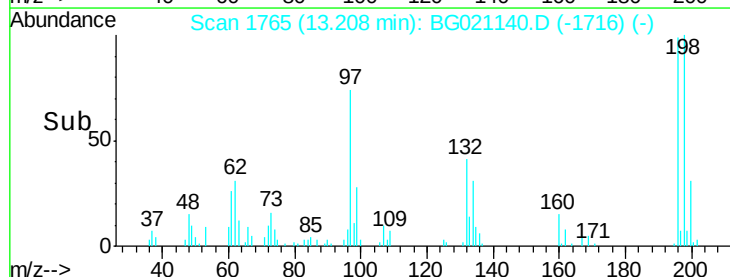
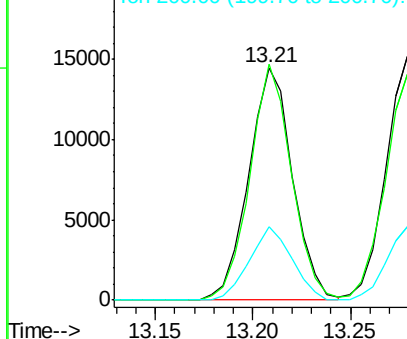
Lab File: BG021140.D

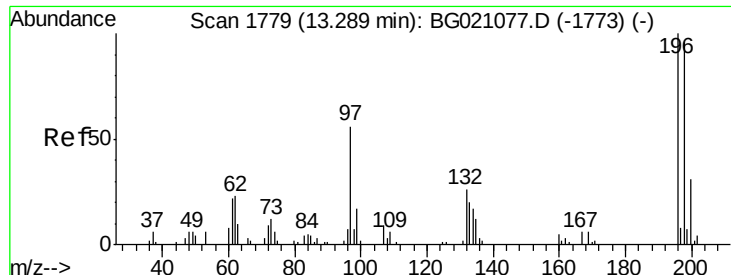
Acq: 28 Feb 2016 7:27

Tgt Ion:	196	Resp:	22469
Ion Ratio	Lower	Upper	
196	100		
198	101.5	75.8	113.8
200	33.8	23.8	35.8



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





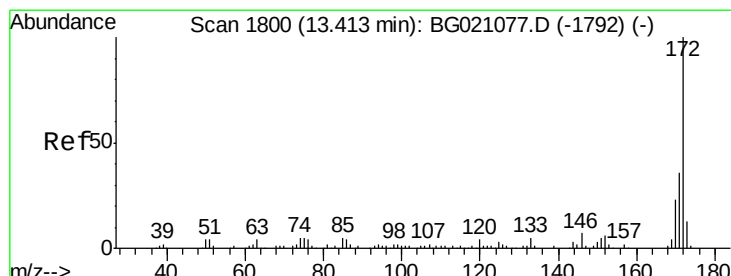
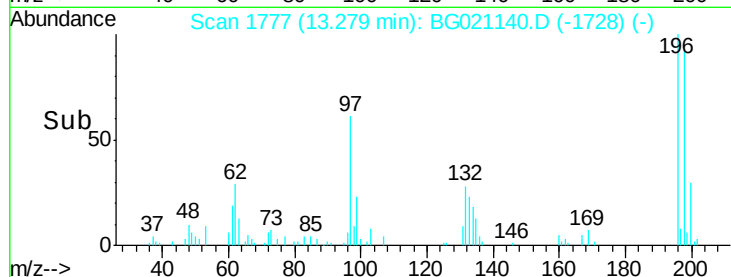
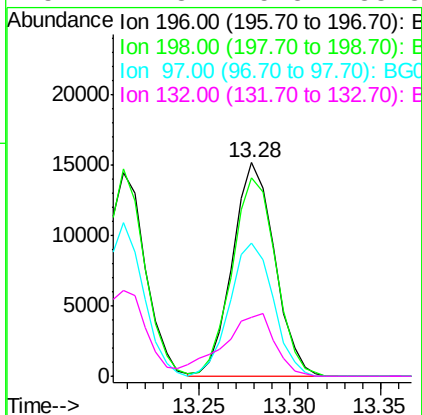
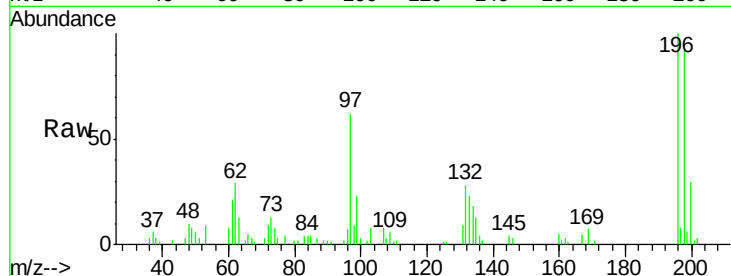
#43
 2,4,5-Trichlorophenol
 Concen: 40.00 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampled :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	24609		
198	92.7	80.2	120.4	
97	62.2	42.9	64.3	
132	27.8	25.5	38.3	

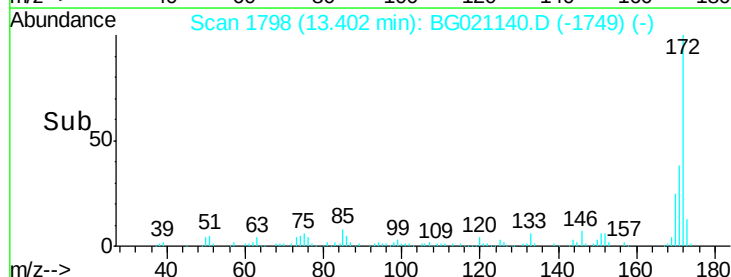
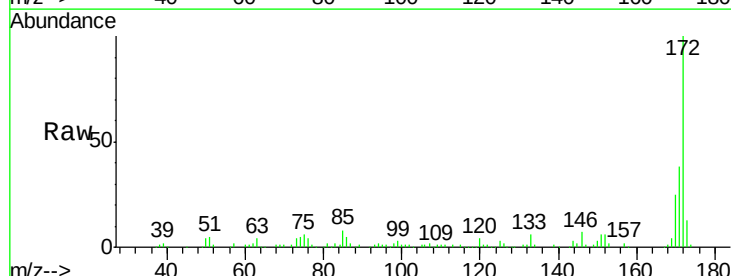
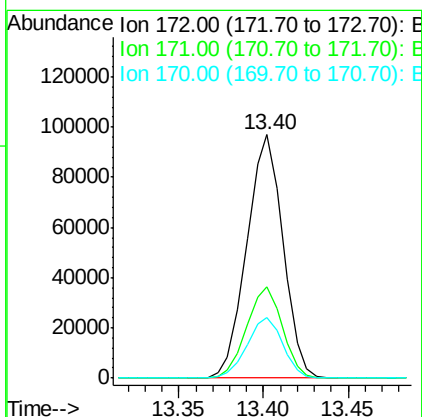
Manual Integrations
 APPROVED

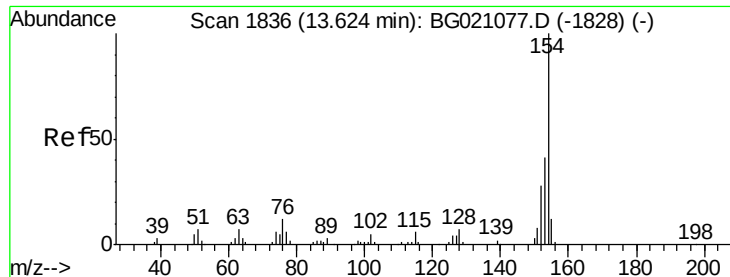
Sohil
 2/29/2016 2:53:06 PM



#44
 2-Fluorobiphenyl
 Concen: 71.34 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	144040		
171	37.7	29.4	44.0	
170	25.1	19.8	29.8	





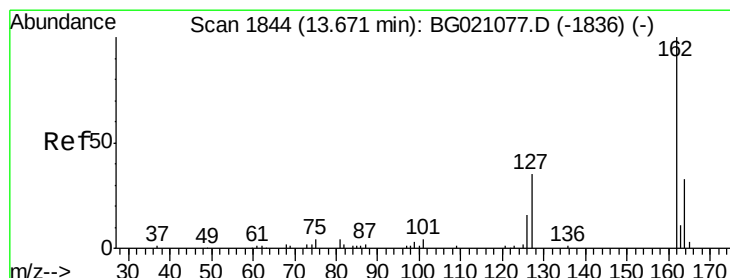
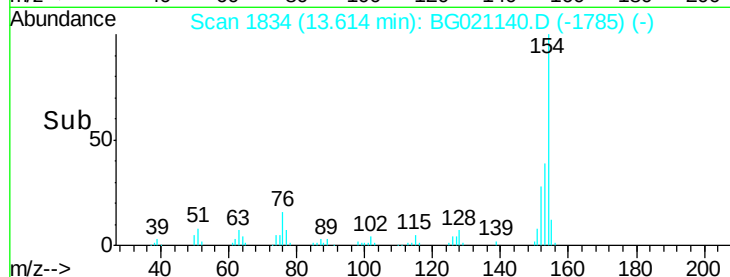
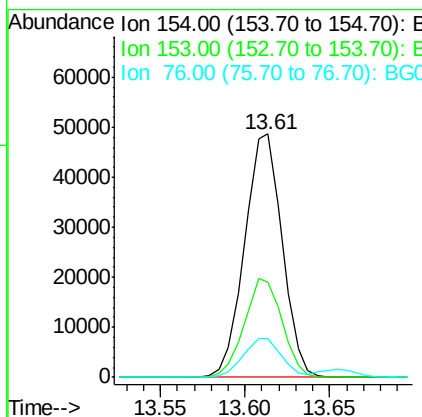
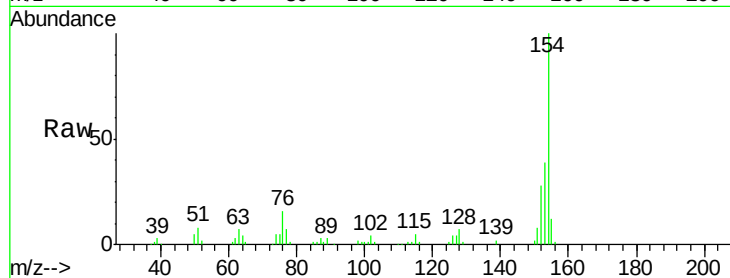
#45
 1,1'-Biphenyl
 Concen: 34.58 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	75227		
153	39.3	19.8	59.8	
76	15.7	0.0	33.6	

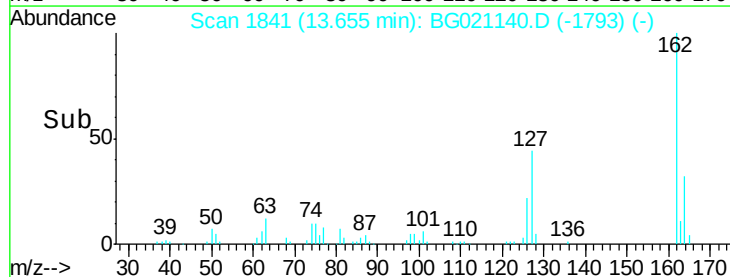
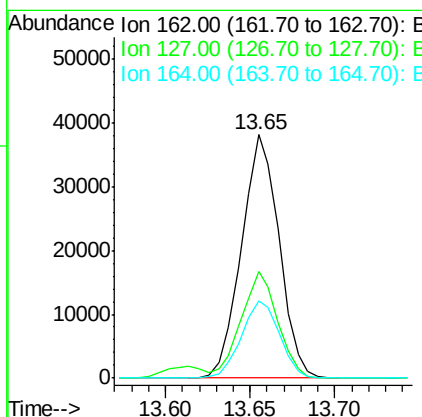
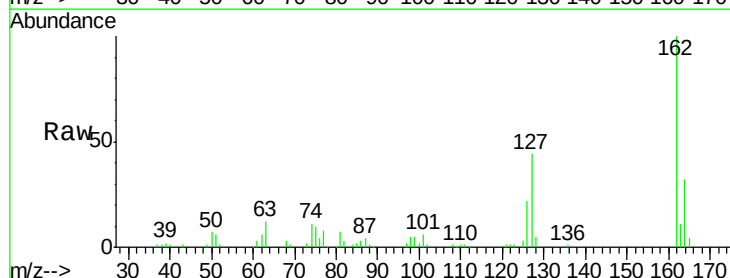
Manual Integrations
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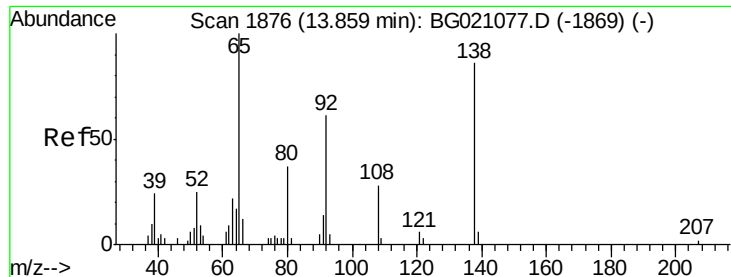
Sohil
 2/29/2016 2:53:06 PM



#46
 2-Chloronaphthalene
 Concen: 35.74 ng
 RT: 13.65 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	59009		
127	43.7	31.8	47.8	
164	31.9	26.3	39.5	





#47

2-Nitroaniline

Concen: 51.55 ng

RT: 13.85 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

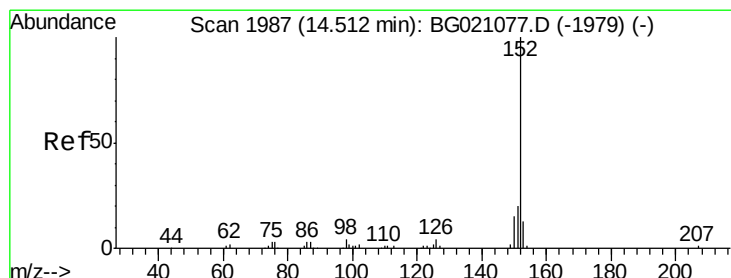
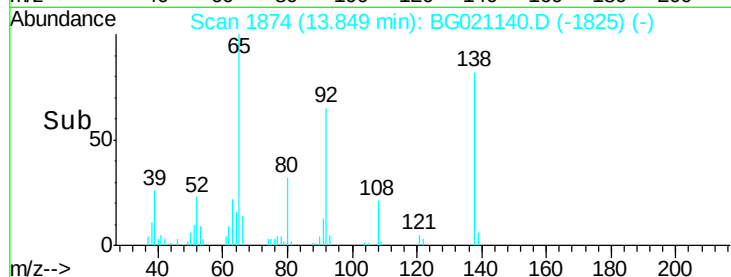
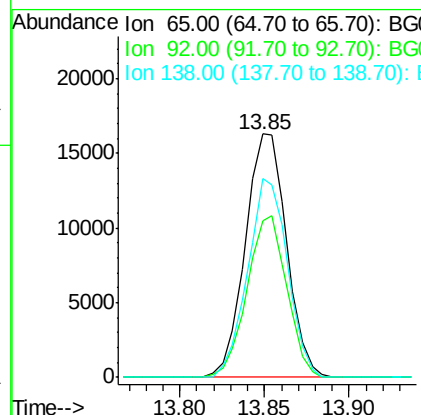
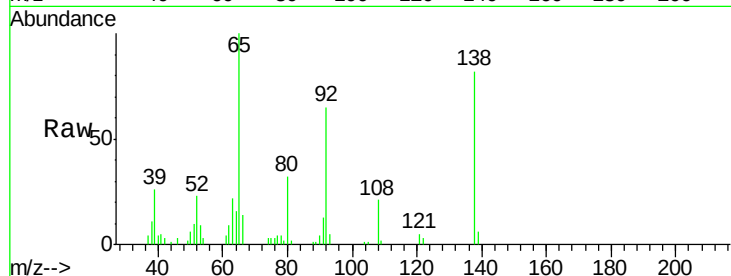
ClientSampleId :

P-02MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	54.6	82.0
138	81.6	94.9	142.3

Manual Integrations
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2/29/2016 2:53:06 PM



#48

Acenaphthylene

Concen: 37.55 ng

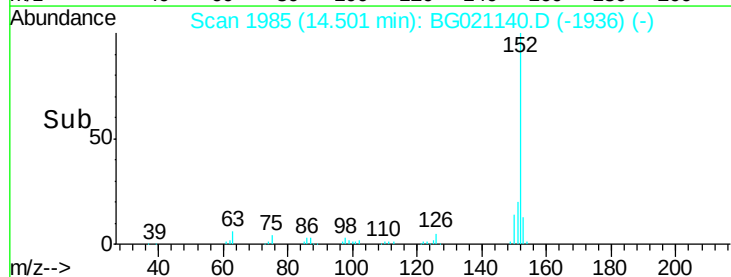
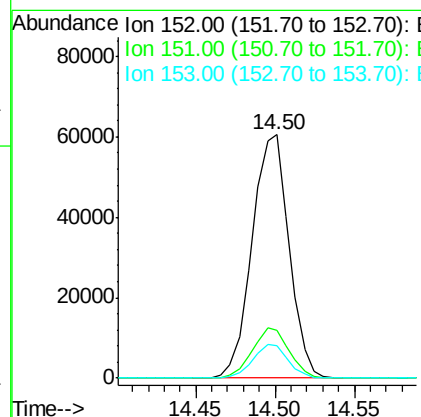
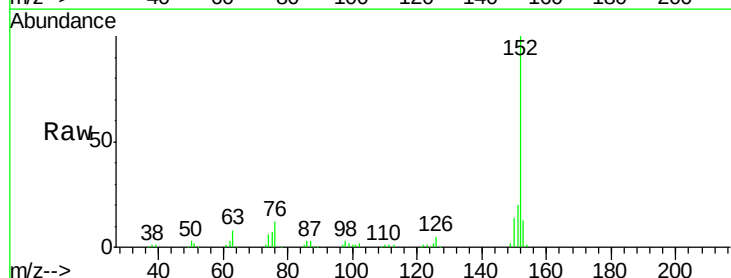
RT: 14.50 min Scan# 1985

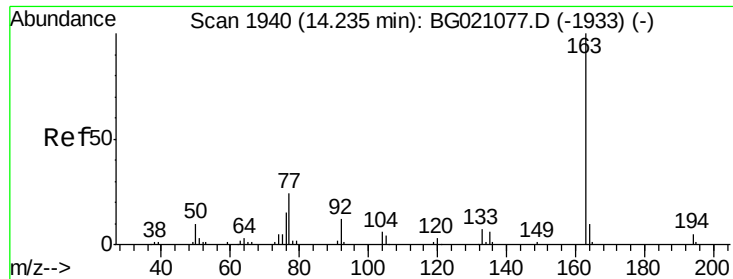
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.3	10.2	15.2





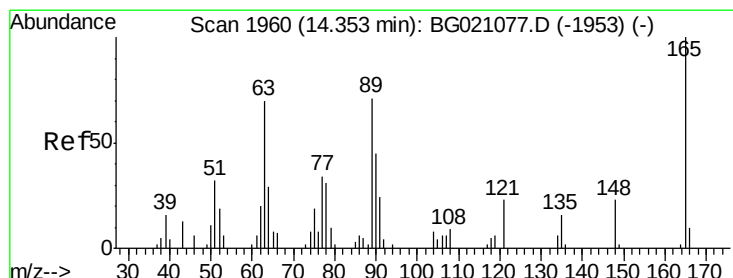
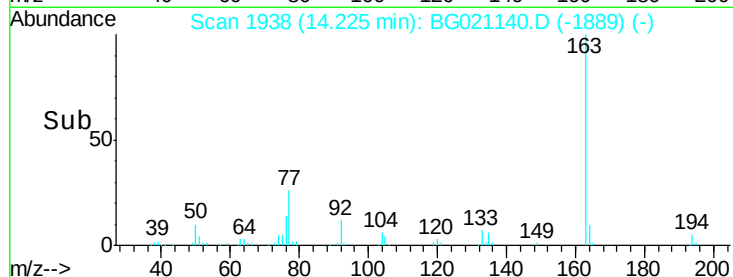
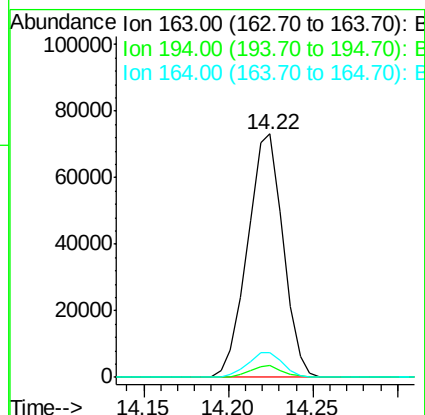
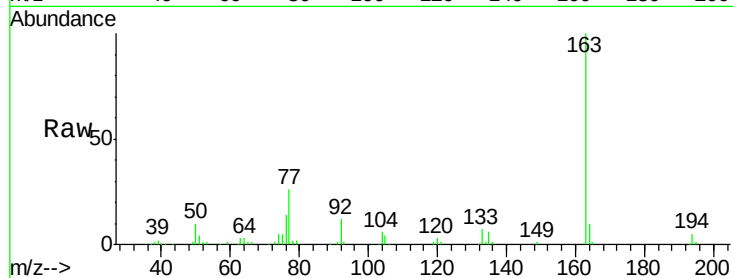
#49
Dimethylphthalate
Concen: 48.06 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampled :
P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.9	2.8	4.2#
164	10.3	7.9	11.9

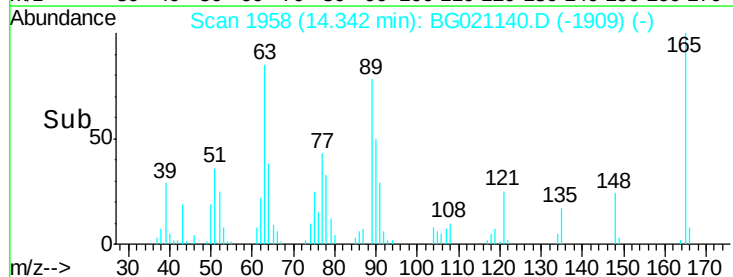
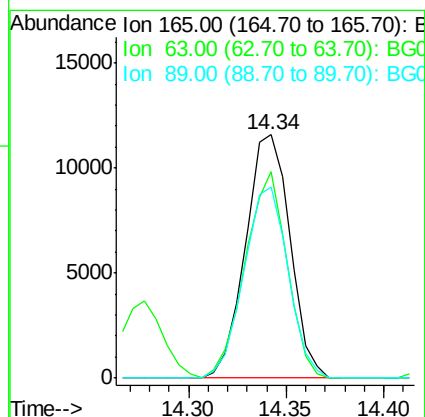
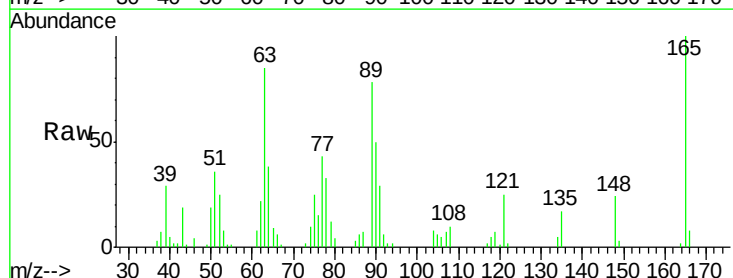
Manual Integrations
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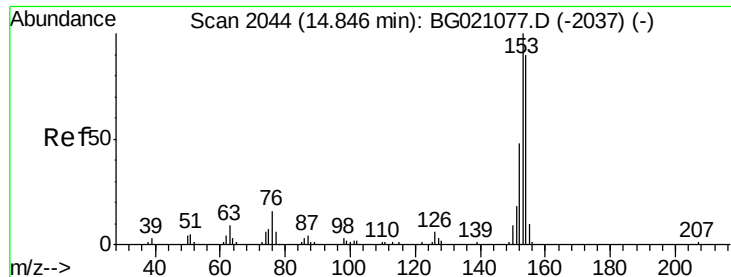
Sohil
2/29/2016 2:53:06 PM



#50
2,6-Dinitrotoluene
Concen: 39.89 ng
RT: 14.34 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	84.6	42.1	63.1#
89	78.5	46.1	69.1#





#51

Acenaphthene

Concen: 39.22 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

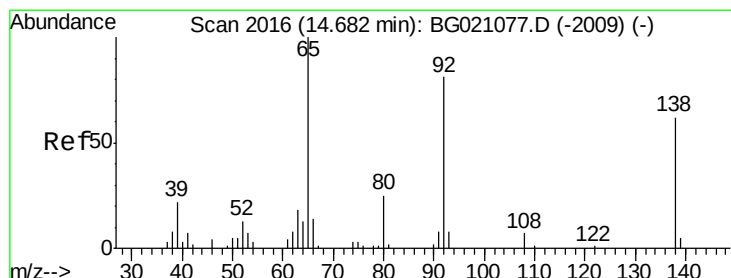
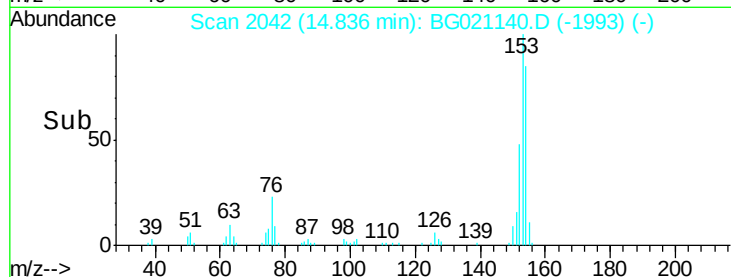
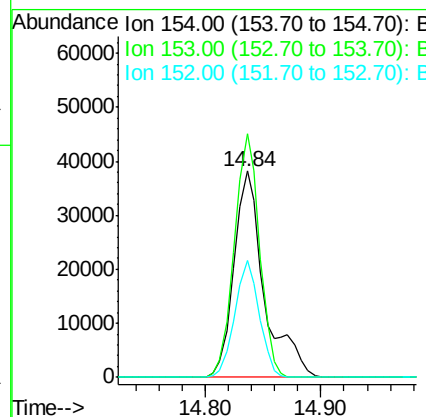
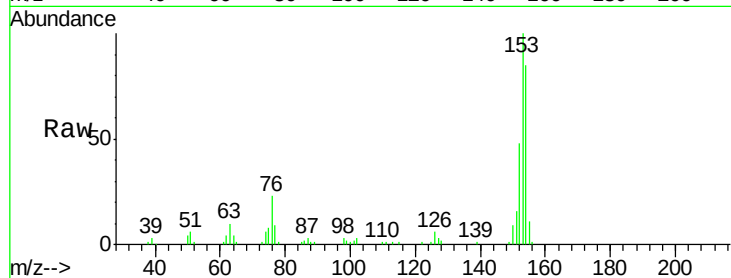
ClientSampleId :

P-02MSD

Tgt Ion:	154	Resp:	69875
Ion Ratio	Lower	Upper	
154	100		
153	118.1	94.2	141.2
152	56.8	42.9	64.3

Manual Integrations
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#52

3-Nitroaniline

Concen: 16.27 ng

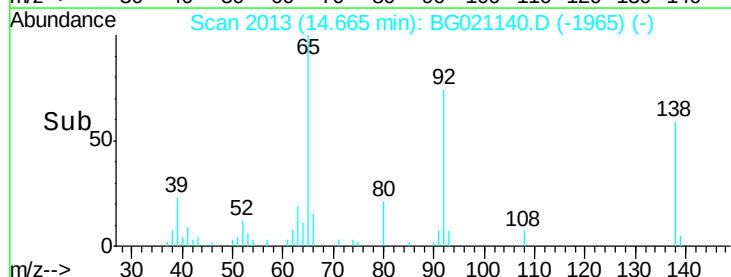
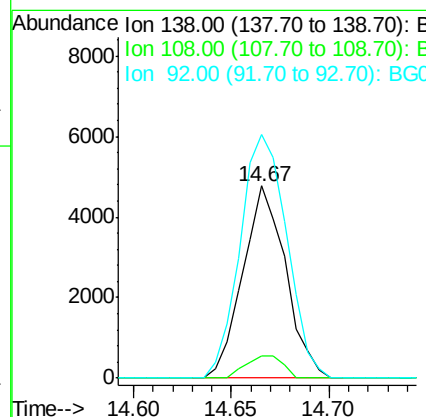
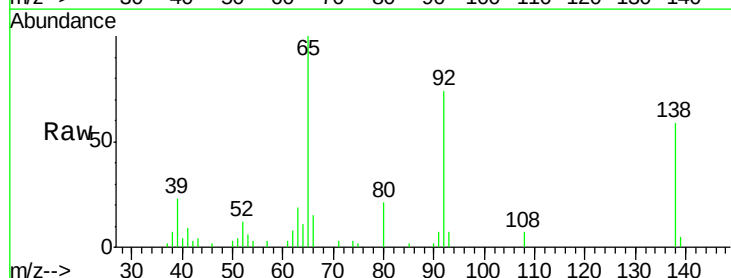
RT: 14.67 min Scan# 2013

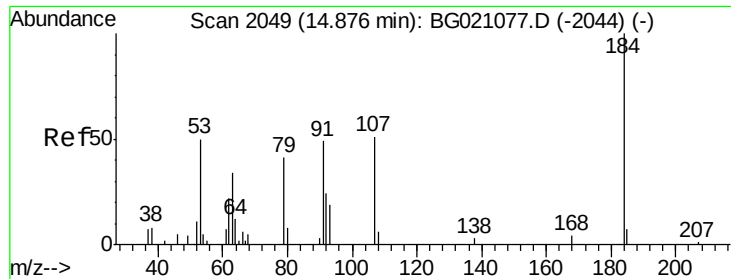
Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	138	Resp:	7253
Ion Ratio	Lower	Upper	
138	100		
108	11.3	5.8	8.6#
92	126.7	83.6	125.4#





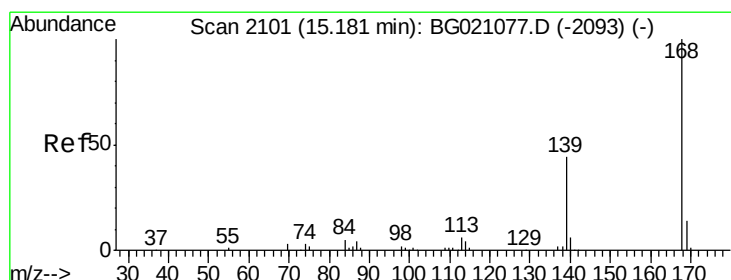
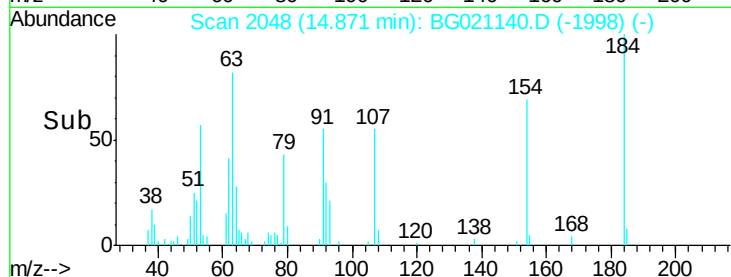
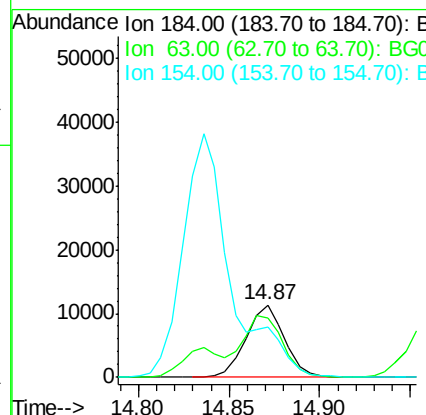
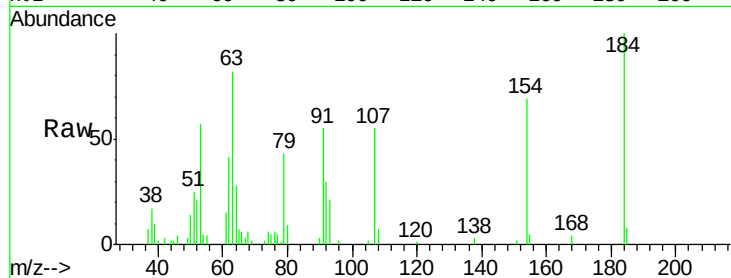
#53
2,4-Dinitrophenol
Concen: 51.46 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampled :
P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	16438		
63	82.2	57.0	85.6	
154	69.4	51.3	76.9	

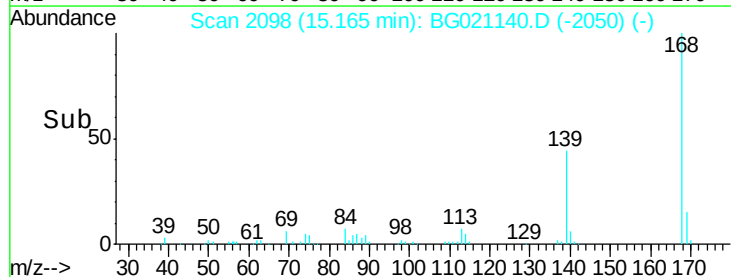
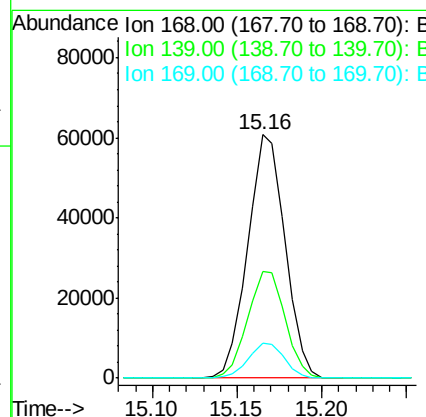
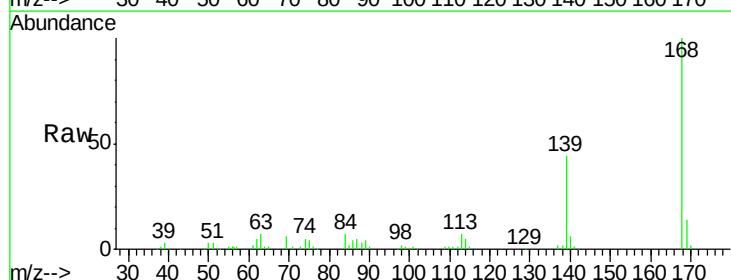
Manual Integrations
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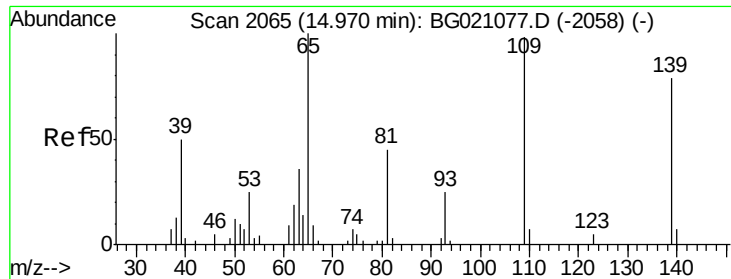
Sohil
2/29/2016 2:53:06 PM



#54
Dibenzofuran
Concen: 41.33 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	93286		
139	44.0	29.8	44.8	
169	14.5	11.4	17.2	





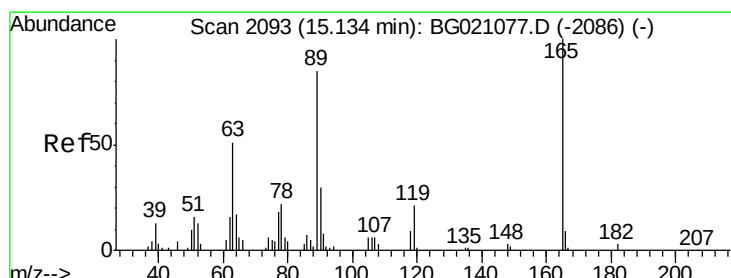
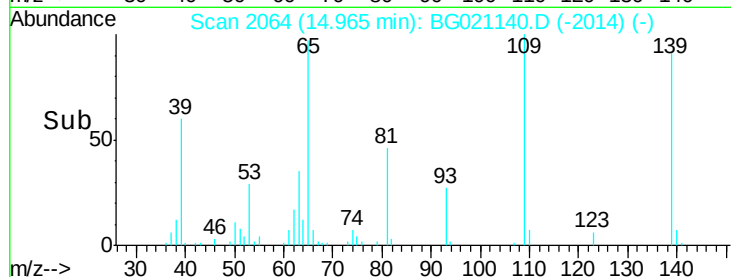
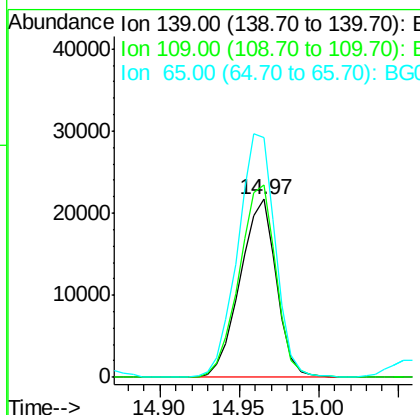
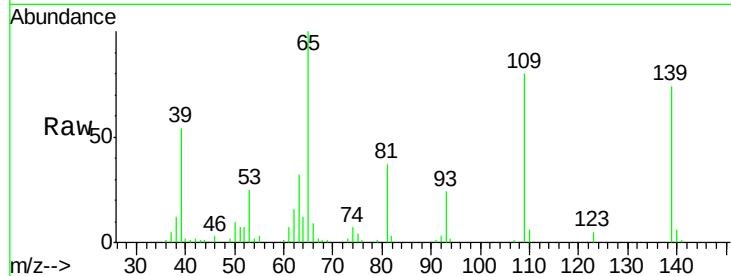
#55
4-Nitrophenol
Concen: 86.85 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	34339		
109	108.1	54.1	94.1#	
65	134.8	73.4	113.4#	

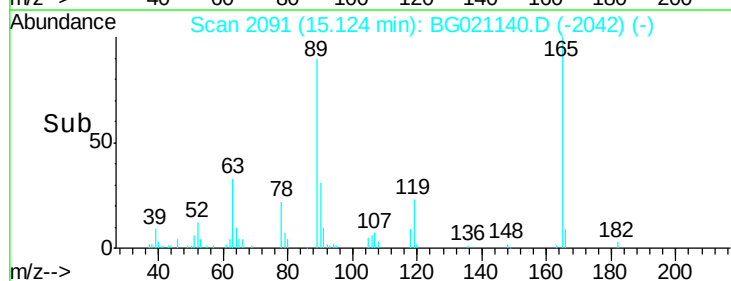
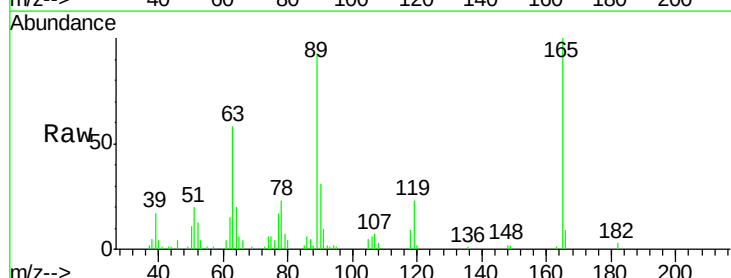
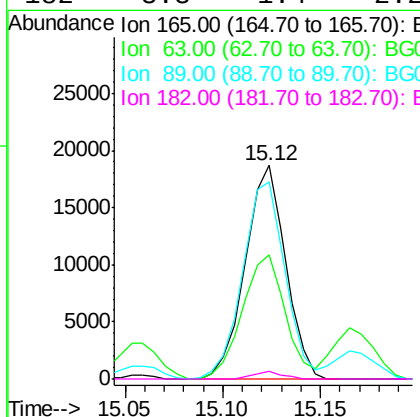
Manual Integrations
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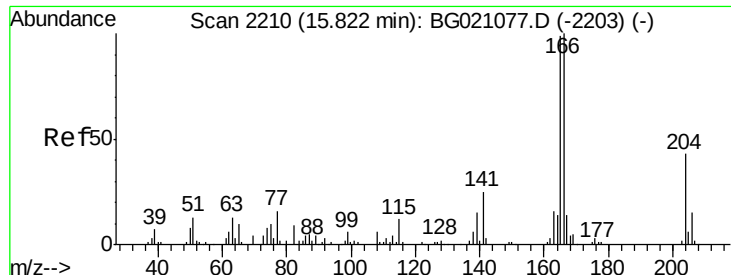
Sohil
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#56
2,4-Dinitrotoluene
Concen: 40.62 ng
RT: 15.12 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	26685		
63	58.0	34.1	51.1#	
89	92.6	63.0	94.4	
182	3.3	1.4	2.2#	





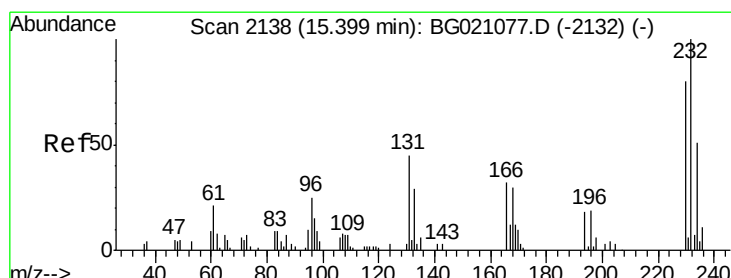
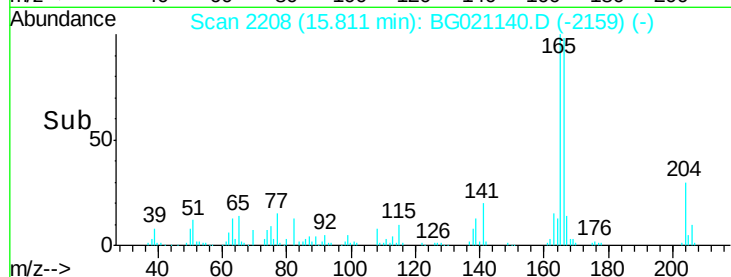
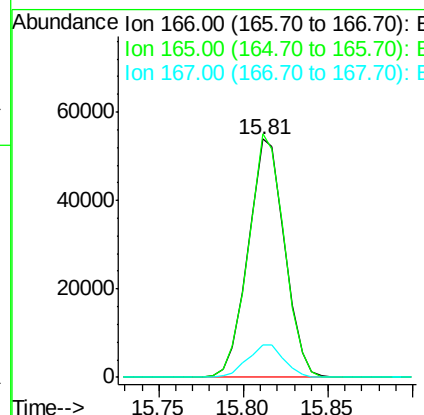
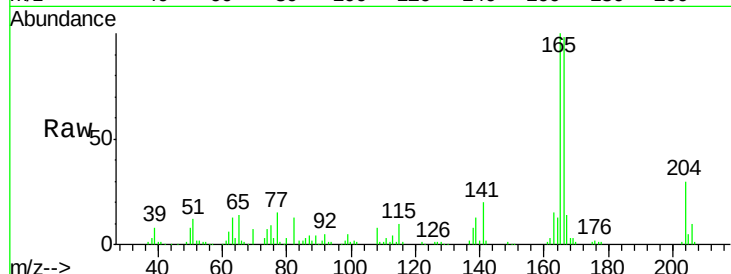
#57
 Fluorene
 Concen: 36.83 ng
 RT: 15.81 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	80860		
165	102.1	81.3	121.9	
167	13.8	10.6	16.0	

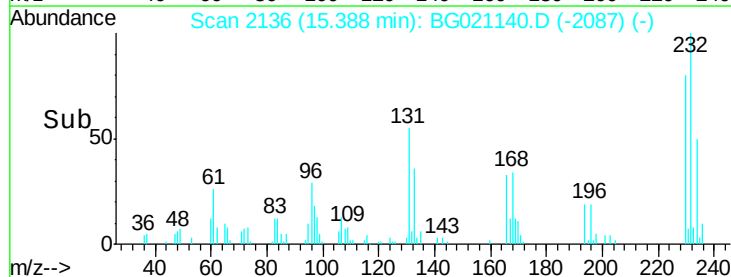
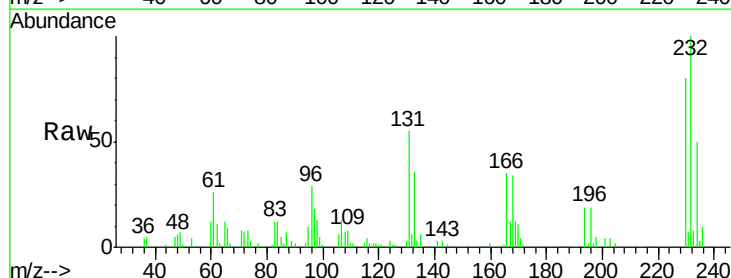
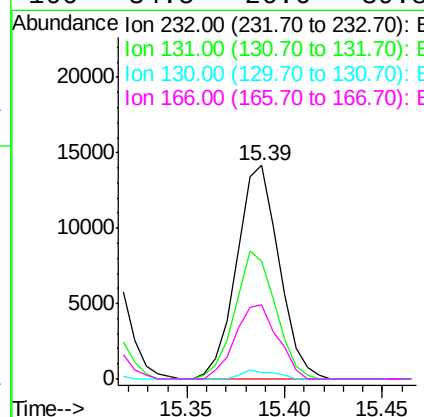
Manual Integrations
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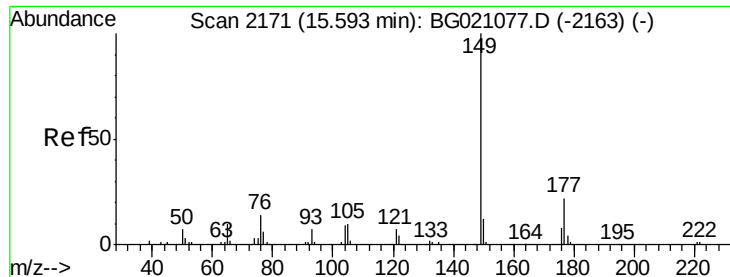
Sohil
 2/29/2016 2:53:06 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.89 ng
 RT: 15.39 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	21331		
131	57.3	41.4	62.2	
130	3.3	1.8	2.8	
166	34.5	26.6	39.8	





#59

Diethylphthalate

Concen: 38.43 ng

RT: 15.58 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

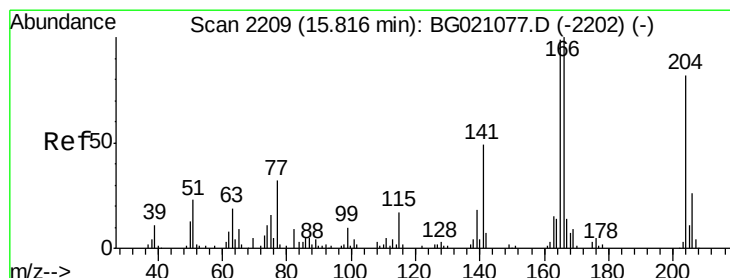
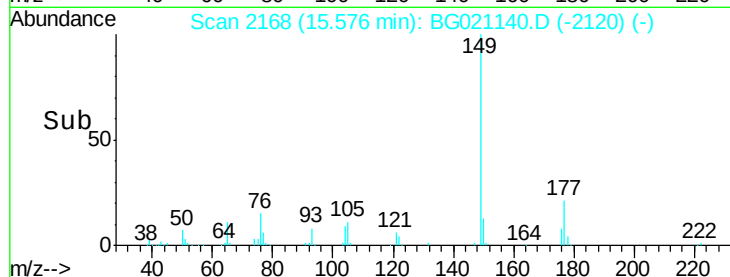
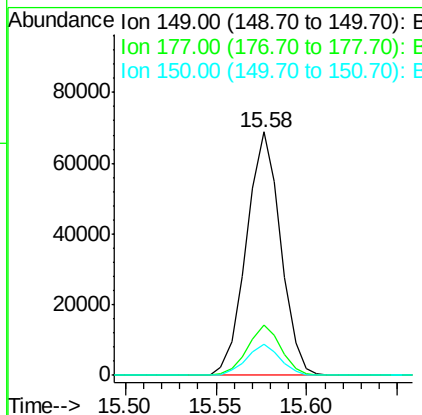
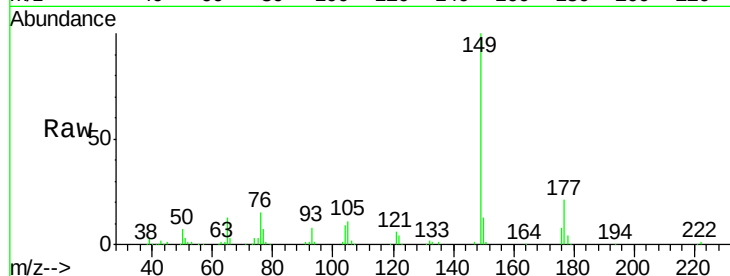
ClientSampleId :

P-02MSD

Tgt Ion:	149	Resp:	90192
Ion Ratio	Lower	Upper	
149	100		
177	20.6	15.8	23.8
150	12.9	10.1	15.1

Manual Integrations
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2/29/2016 2:53:06 PM



#60

4-Chlorophenyl-phenylether

Concen: 32.40 ng

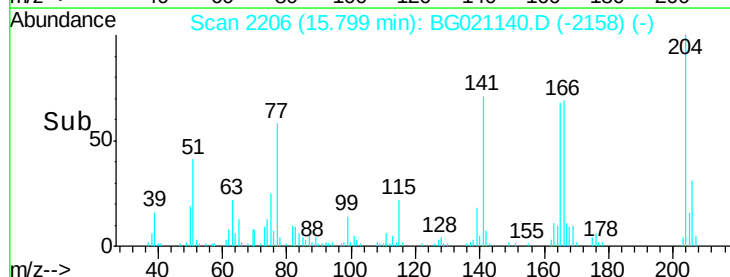
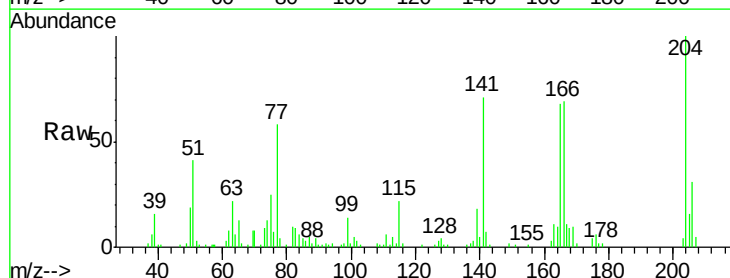
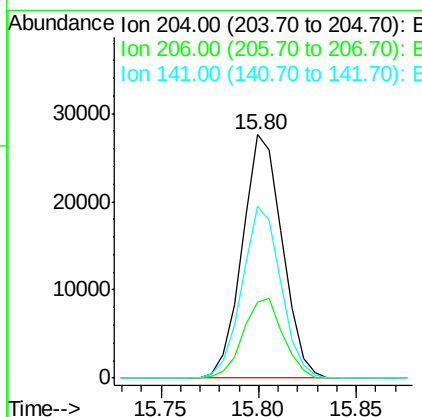
RT: 15.80 min Scan# 2206

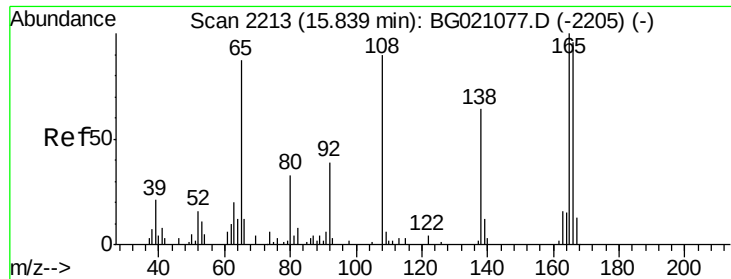
Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	204	Resp:	39130
Ion Ratio	Lower	Upper	
204	100		
206	31.4	26.9	40.3
141	70.8	50.8	76.2





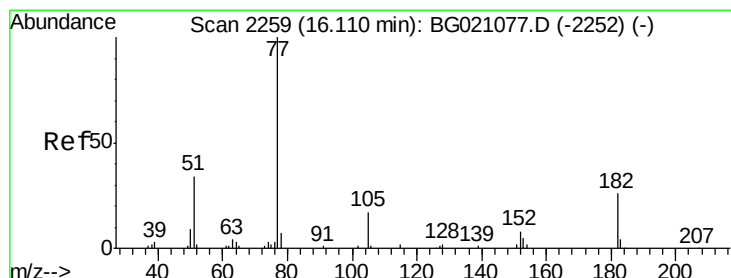
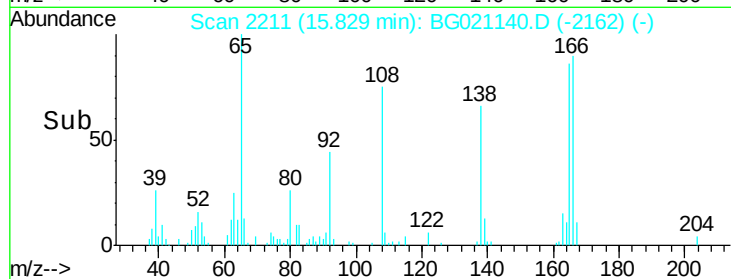
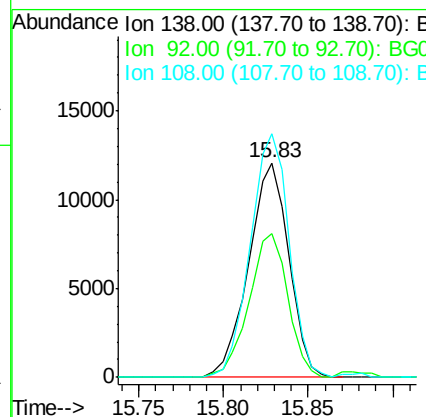
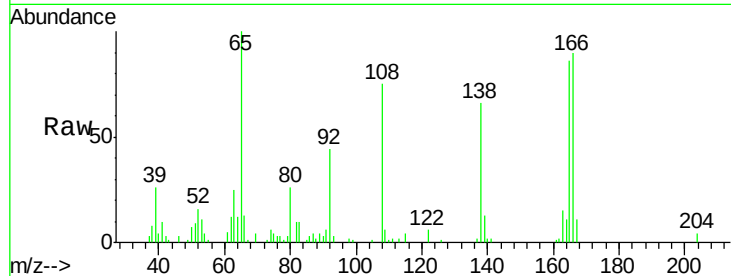
#61
4-Nitroaniline
Concen: 39.43 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	20013		
92	66.8	28.0	68.0	
108	113.3	52.6	92.6#	

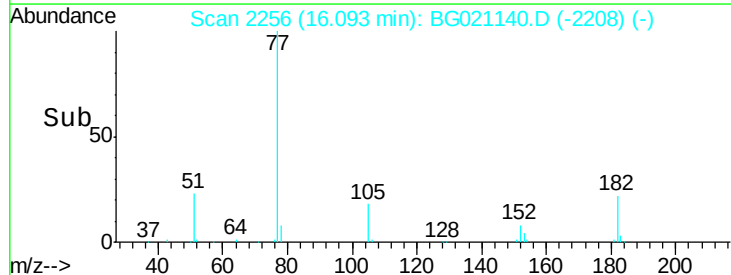
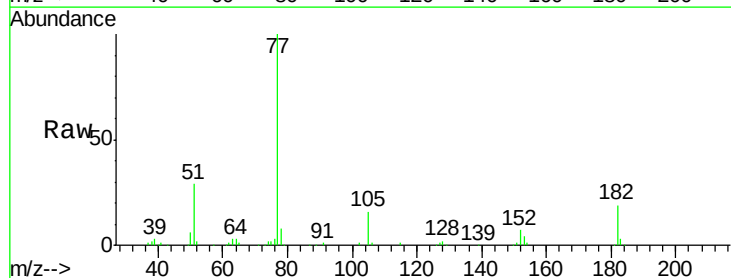
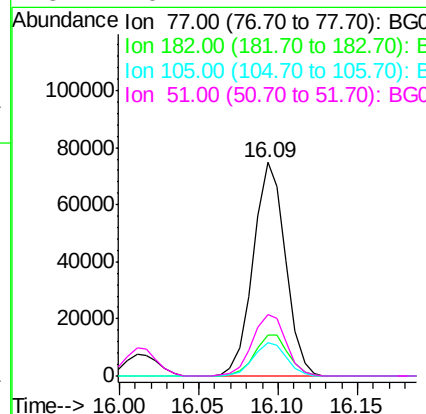
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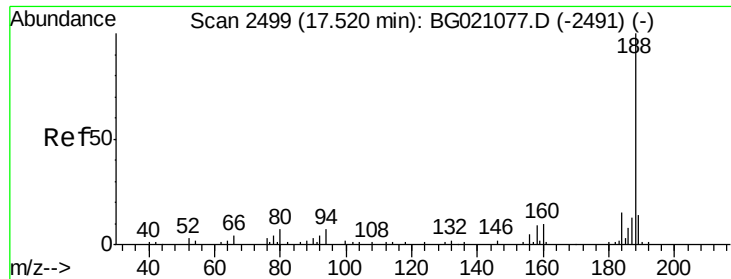
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#62
Azobenzene
Concen: 51.99 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	105703		
182	19.4	0.7	40.7	
105	15.7	0.0	38.3	
51	29.1	4.4	44.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

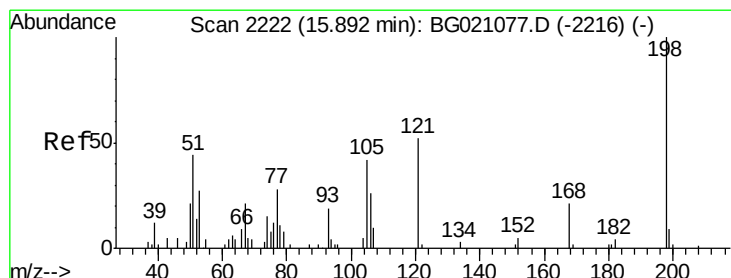
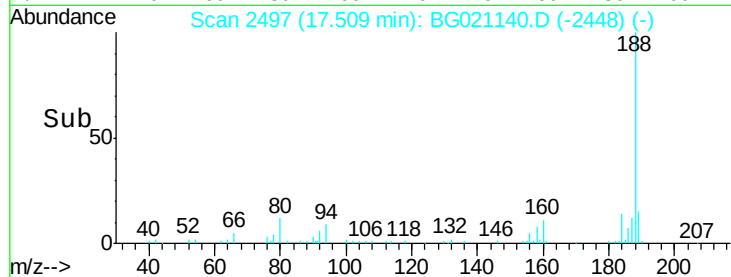
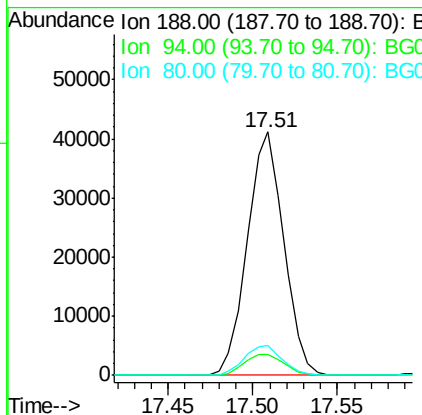
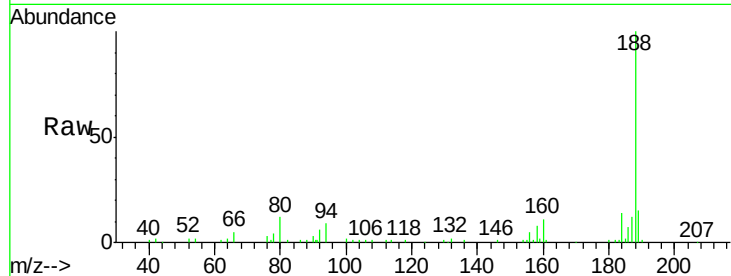
ClientSampled :

P-02MSD

Tgt Ion:	188	Resp:	61747
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.2	12.4
80	12.1	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 34.02 ng

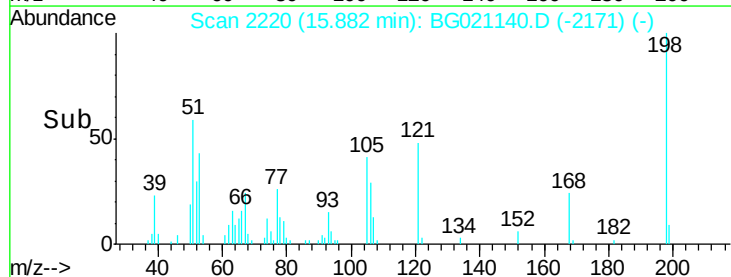
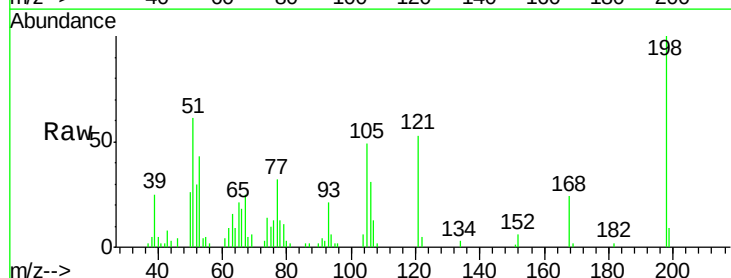
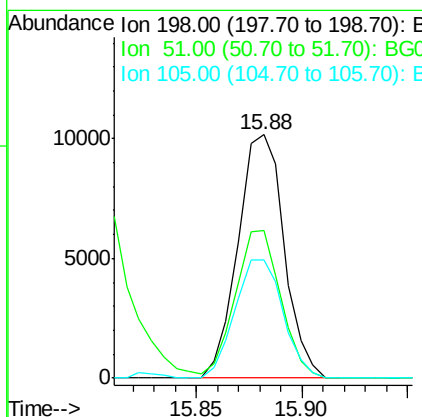
RT: 15.88 min Scan# 2220

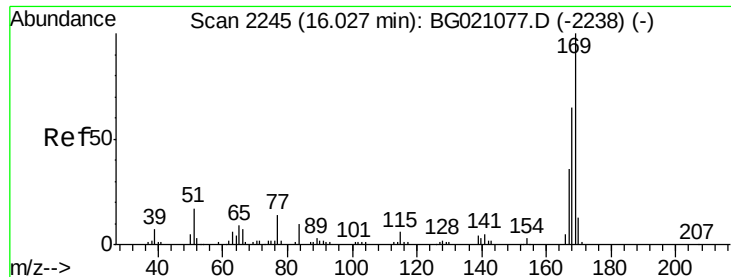
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	198	Resp:	15406
Ion Ratio	Lower	Upper	
198	100		
51	60.6	30.4	70.4
105	48.8	32.8	72.8





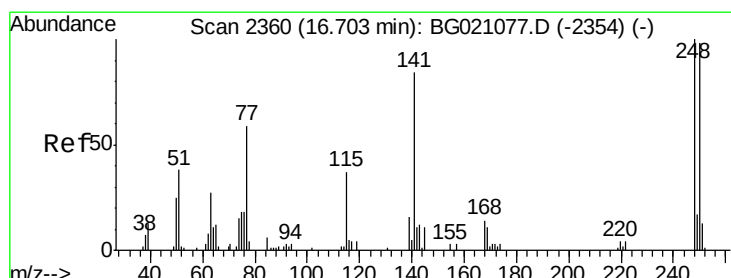
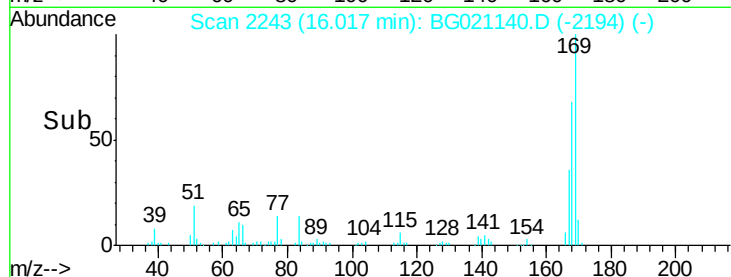
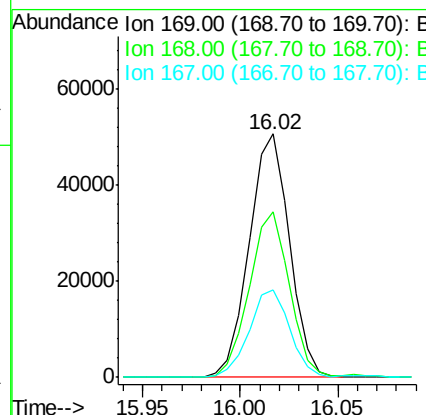
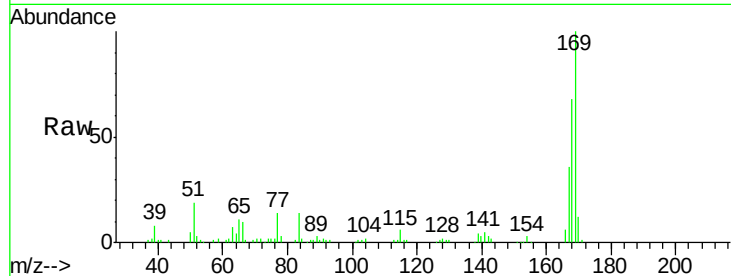
#65
n-Nitrosodiphenylamine
Concen: 39.62 ng
RT: 16.02 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	58.2	87.2
167	35.9	31.0	46.6

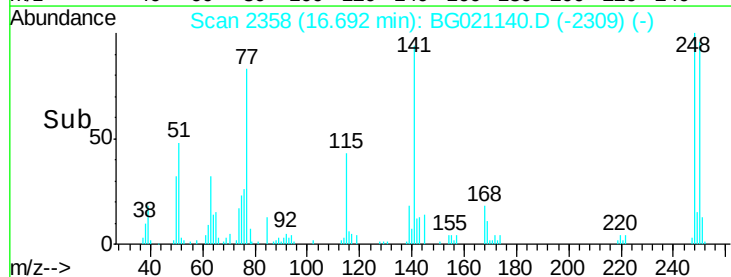
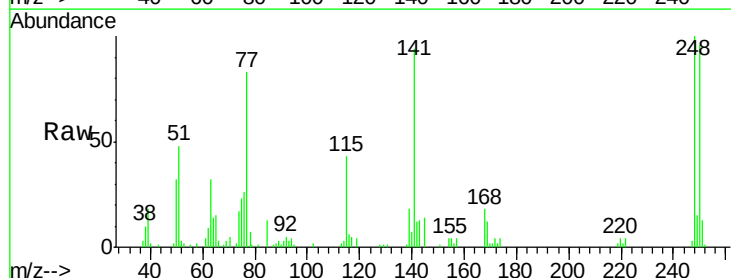
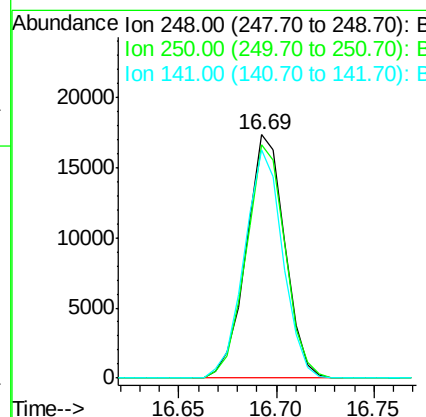
Manual Integrations
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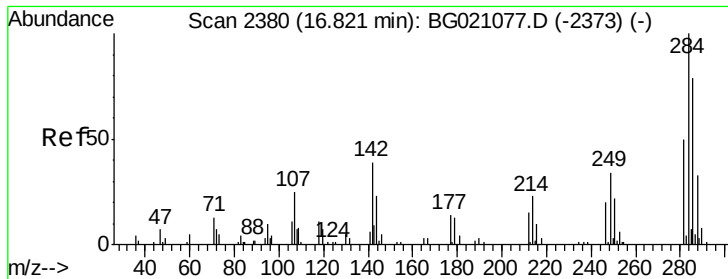
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 32.54 ng
RT: 16.69 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.4	114.6
141	93.8	57.4	86.0





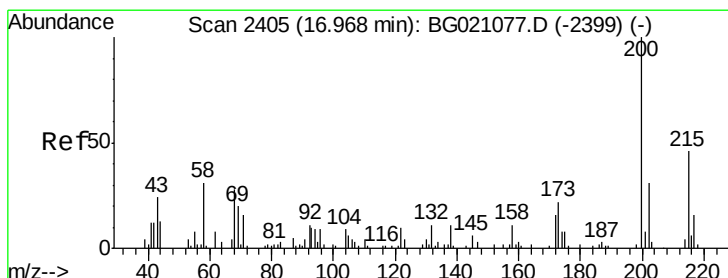
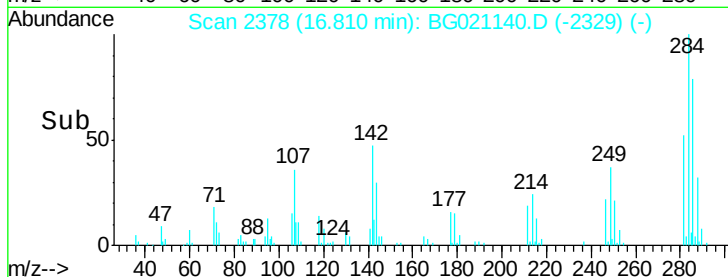
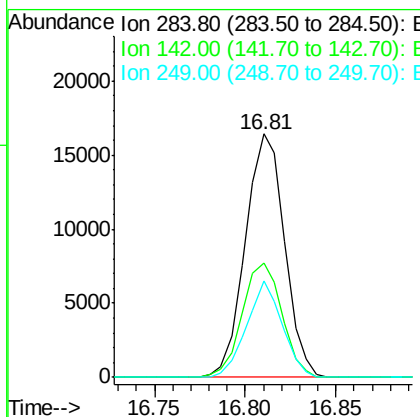
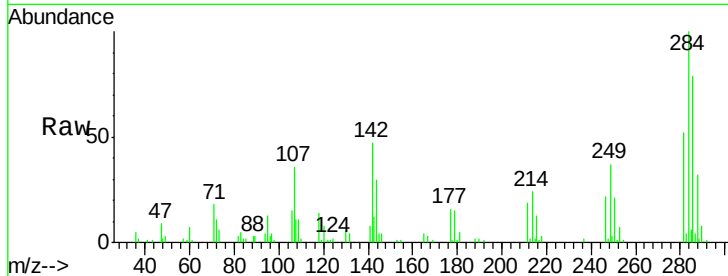
#67
Hexachlorobenzene
Concen: 32.16 ng
RT: 16.81 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	46.9	32.1	48.1
249	39.8	24.0	36.0

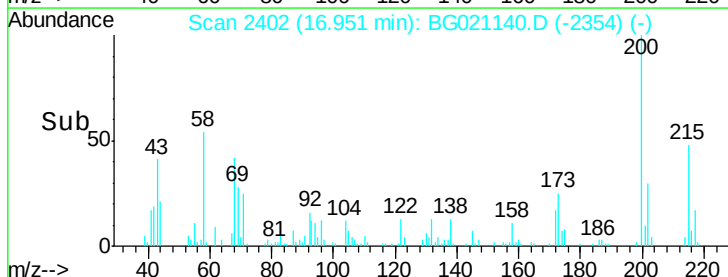
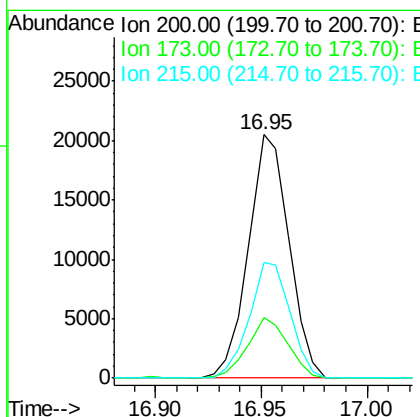
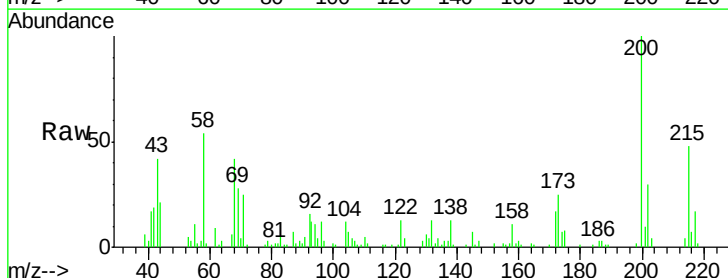
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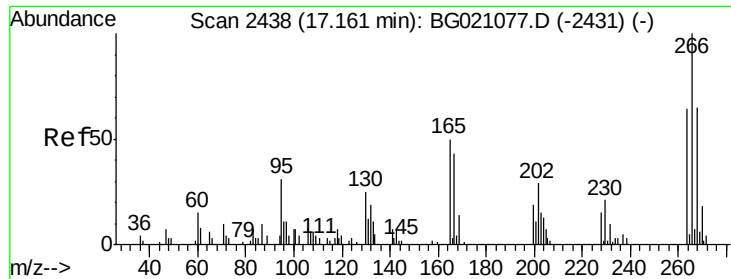
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#68
Atrazine
Concen: 40.53 ng
RT: 16.95 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.7	3.9	43.9
215	47.6	29.0	69.0





#69

Pentachlorophenol

Concen: 62.76 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG021140.D

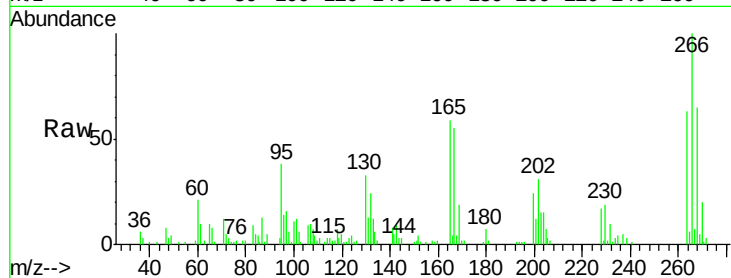
Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampled :

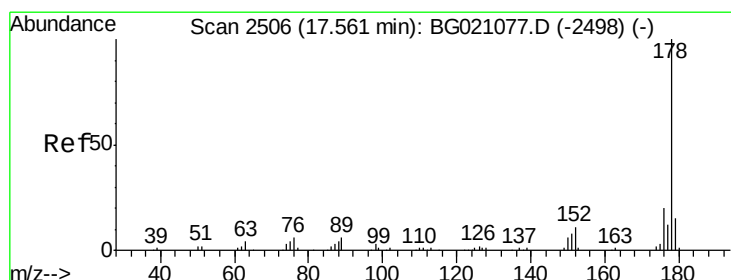
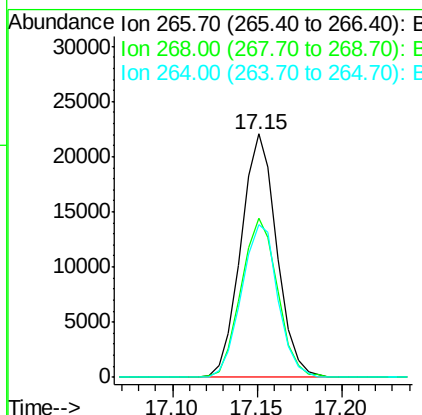
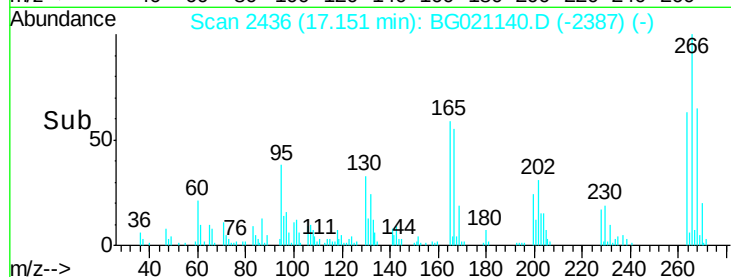
P-02MSD



Tgt Ion:	266	Resp:	32492
Ion Ratio	Lower	Upper	
266	100		
268	69.9	51.0	76.6
264	68.0	47.8	71.8

Manual Integrations
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#70

Phenanthrene

Concen: 48.96 ng

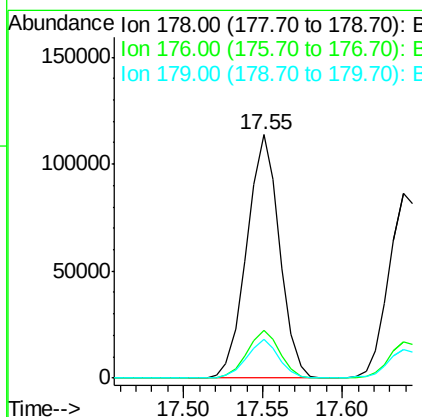
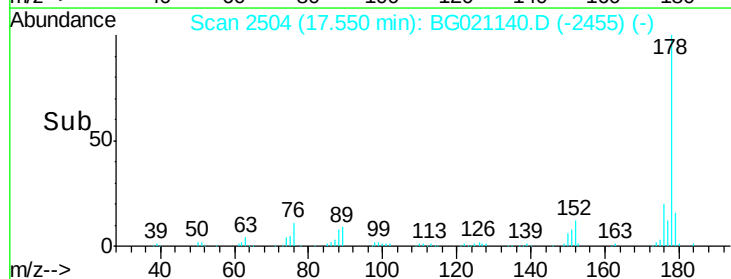
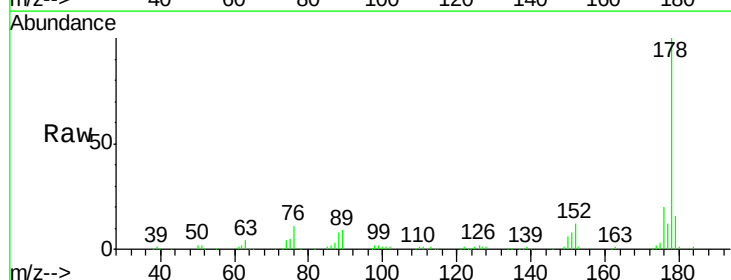
RT: 17.55 min Scan# 2504

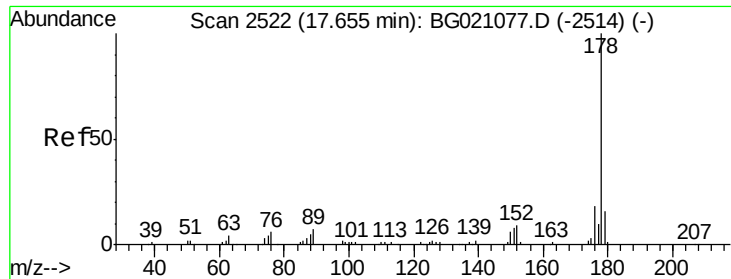
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	178	Resp:	162661
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.2	24.4
179	15.9	12.9	19.3





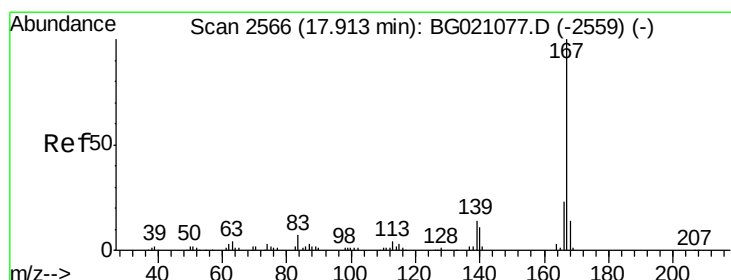
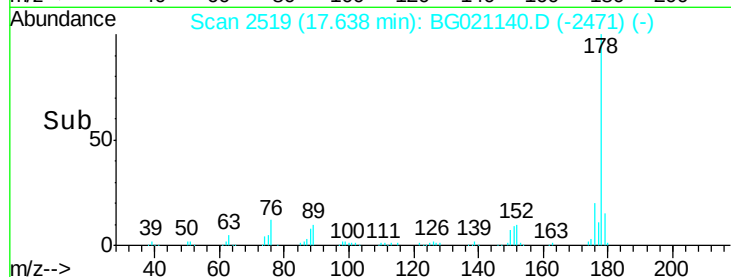
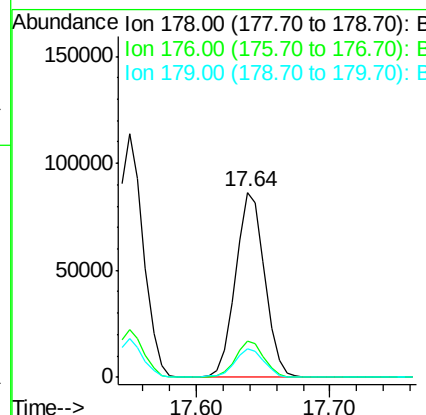
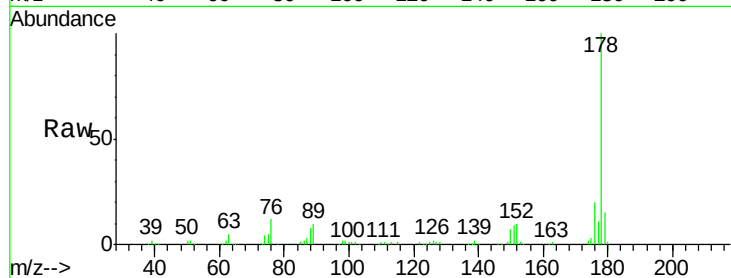
#71
 Anthracene
 Concen: 39.28 ng
 RT: 17.64 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	131423		
176	19.9	14.8	22.2	
179	15.5	12.6	19.0	

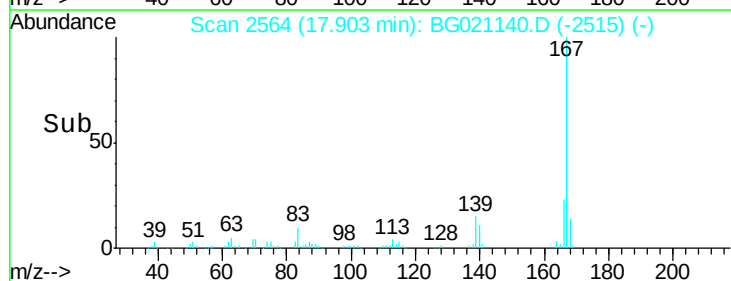
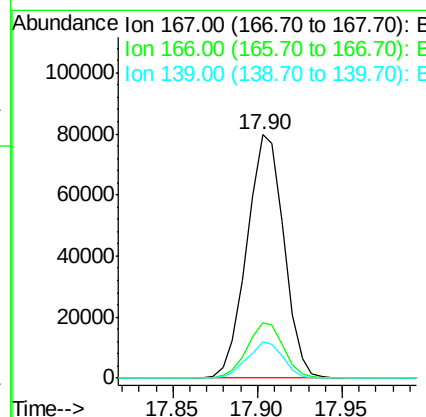
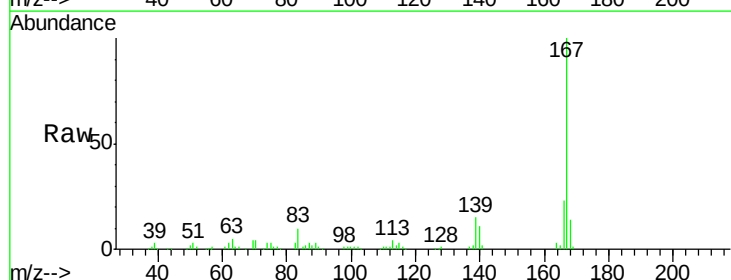
Manual Integrations
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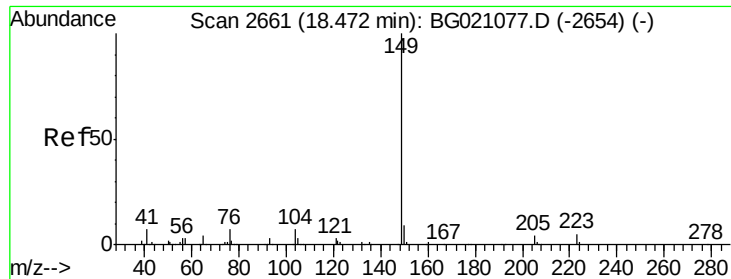
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#72
 Carbazole
 Concen: 42.08 ng
 RT: 17.90 min Scan# 2564
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	121555		
166	22.9	17.5	26.3	
139	15.0	10.3	15.5	





#73

Di-n-butylphthalate

Concen: 41.26 ng

RT: 18.46 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

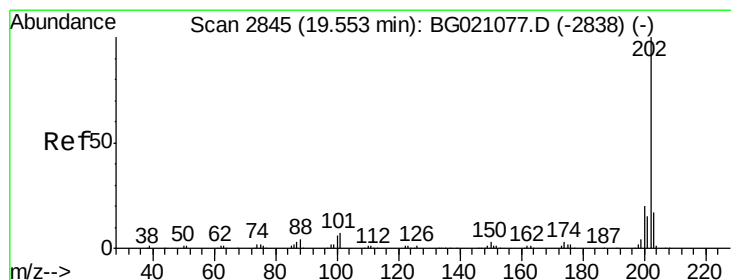
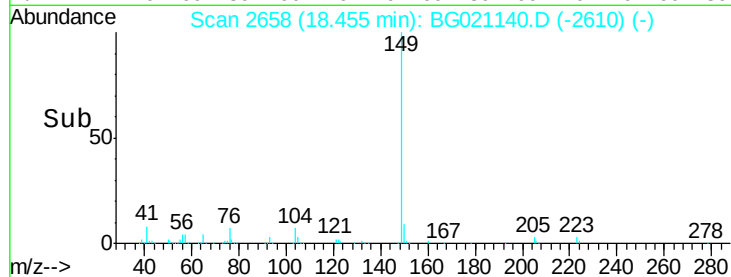
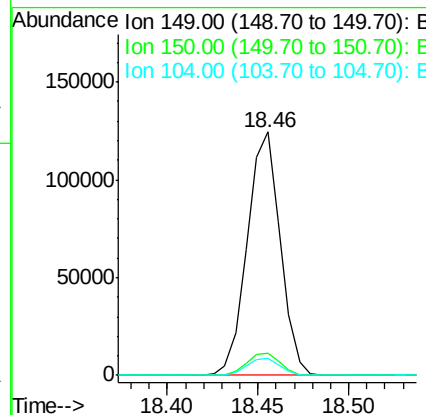
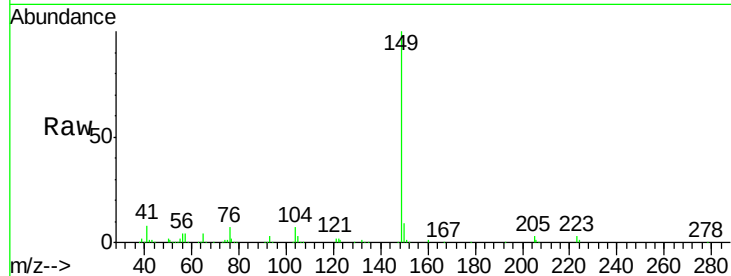
ClientSampleId :

P-02MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		157123		
150	8.9	7.6	11.4		
104	6.8	4.1	6.1#		

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#74

Fluoranthene

Concen: 52.03 ng

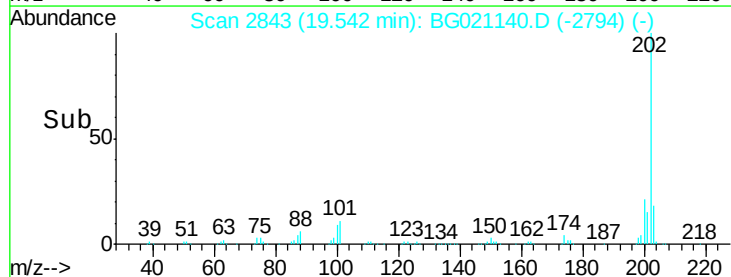
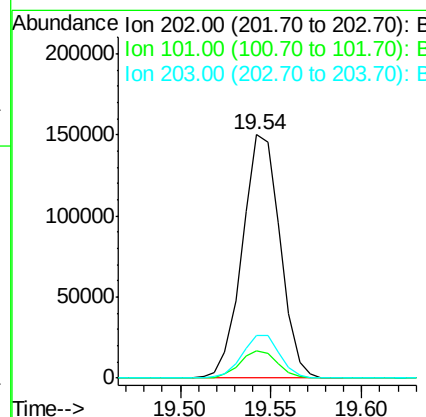
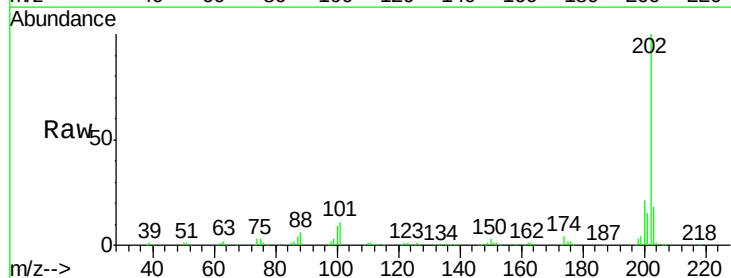
RT: 19.54 min Scan# 2843

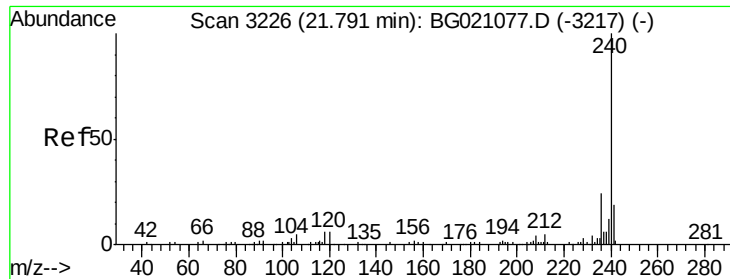
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		216834		
101	11.2	0.0	32.5		
203	17.6	0.0	37.6		





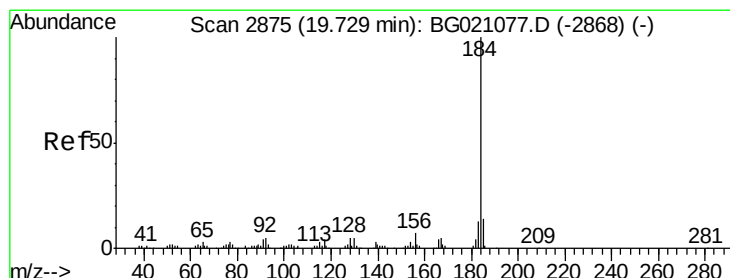
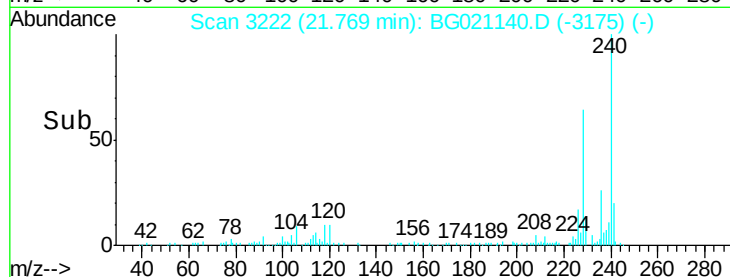
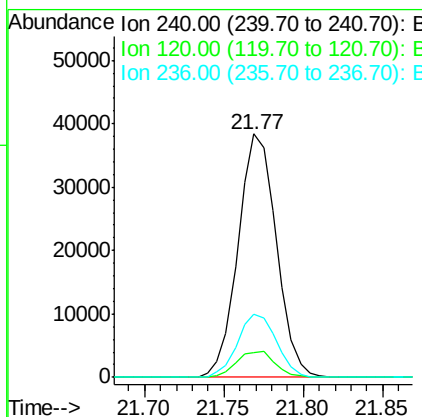
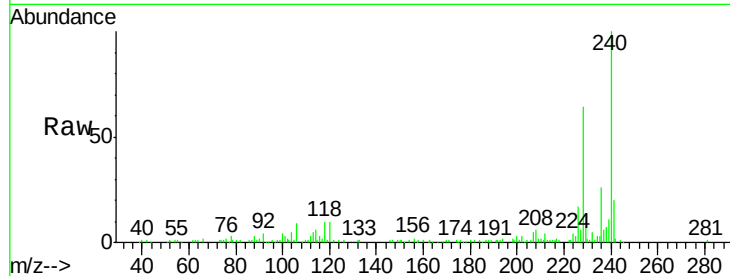
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	64264		
120	10.0	7.5	11.3	
236	25.8	20.5	30.7	

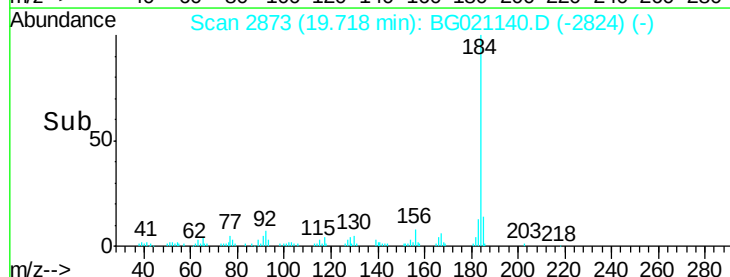
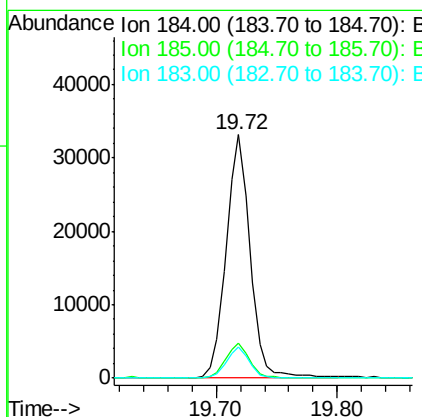
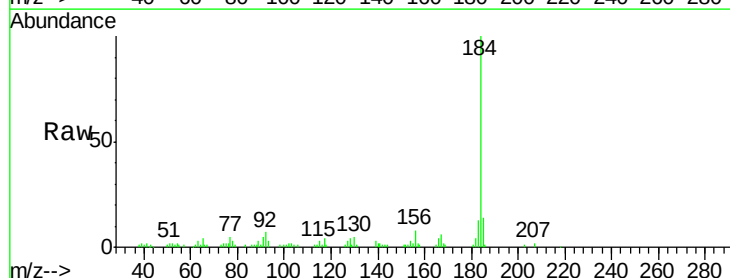
Manual Integrations
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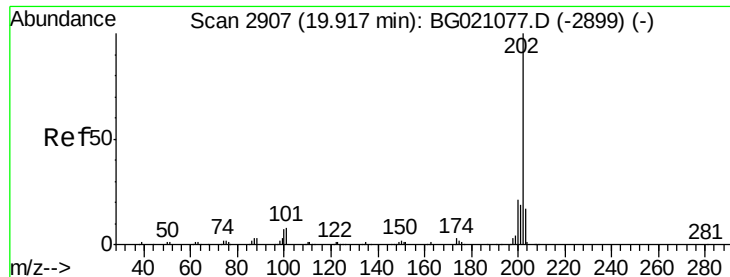
Sohil
2/29/2016 2:53:06 PM



#76
Benzidine
Concen: 27.05 ng
RT: 19.72 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	45737		
185	14.4	11.5	17.3	
183	12.9	10.1	15.1	





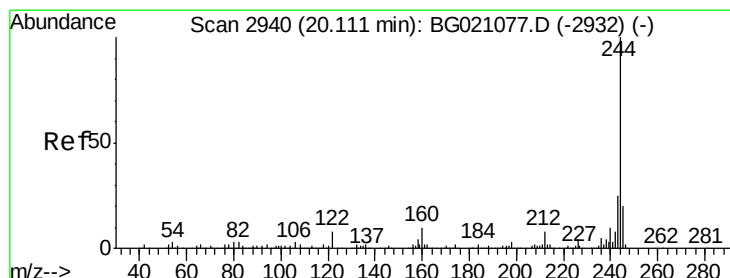
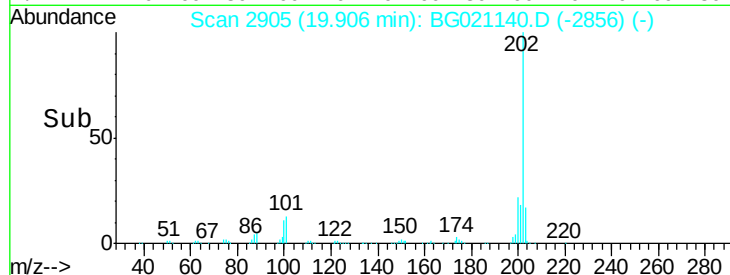
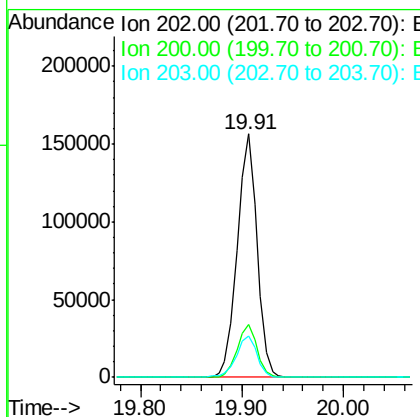
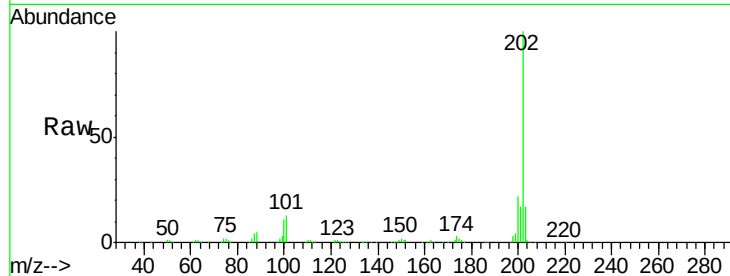
#77
 Pyrene
 Concen: 59.65 ng
 RT: 19.91 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	16.6	25.0
203	17.1	13.8	20.8

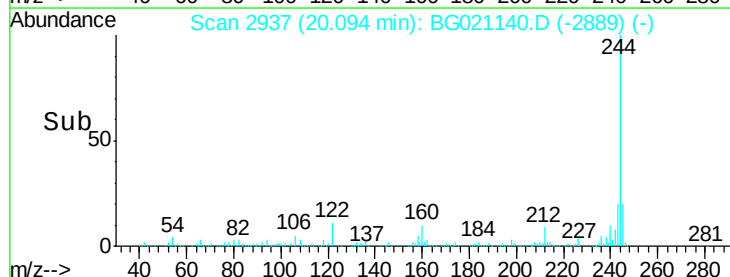
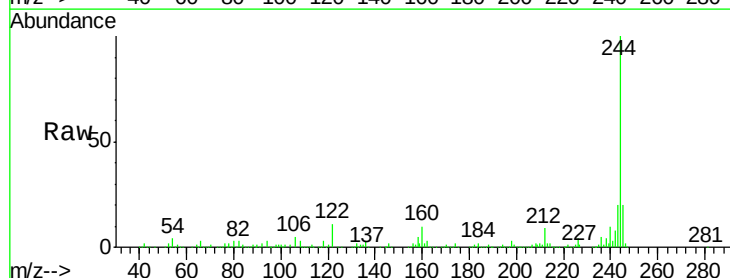
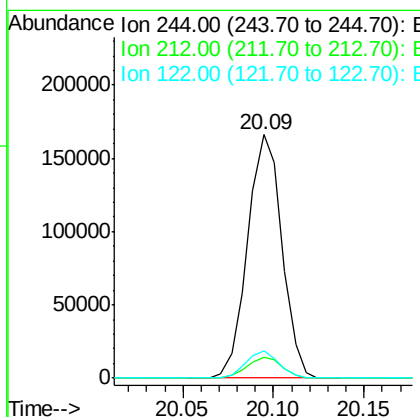
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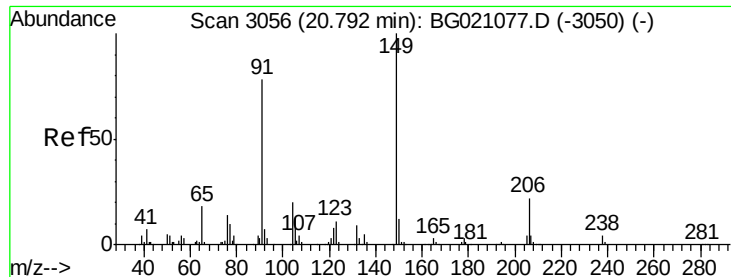
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#78
 Terphenyl-d14
 Concen: 79.56 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.8	5.8	8.6#
122	11.4	8.3	12.5





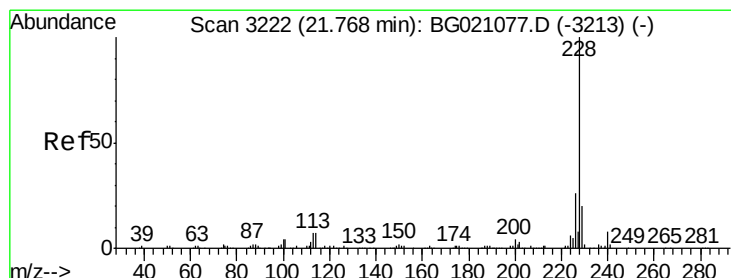
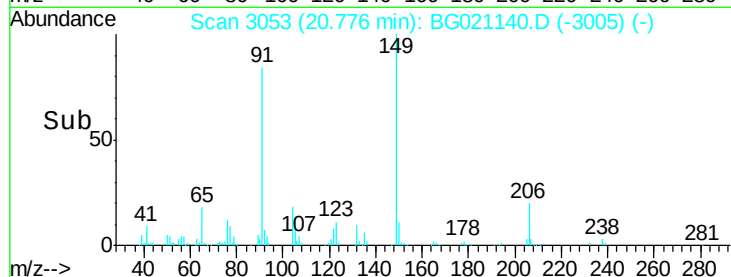
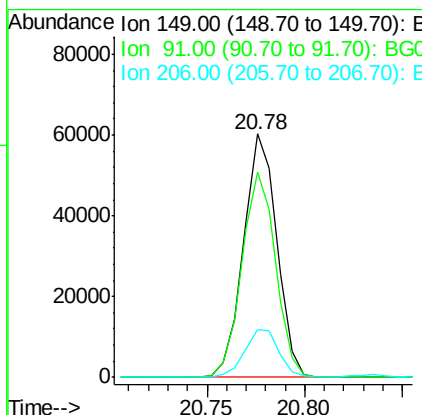
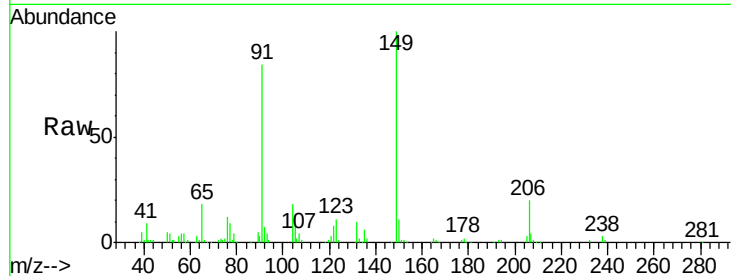
#79
Butylbenzylphthalate
Concen: 48.01 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	84.1	58.6	87.8
206	19.6	14.2	21.4

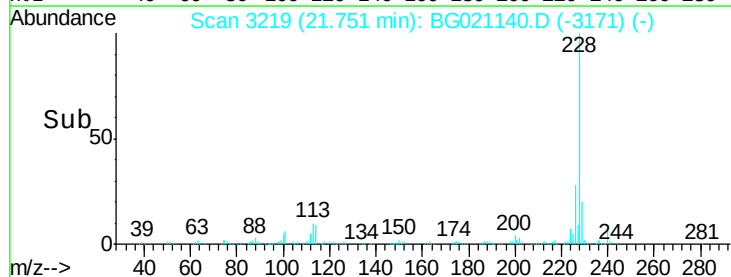
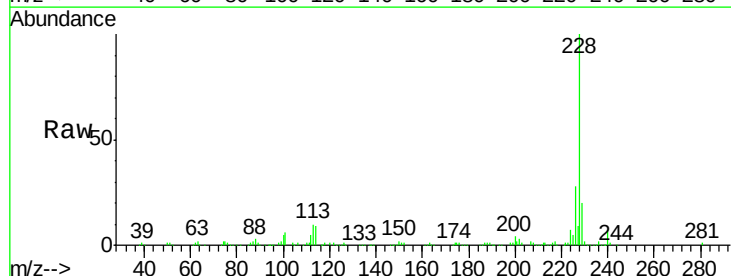
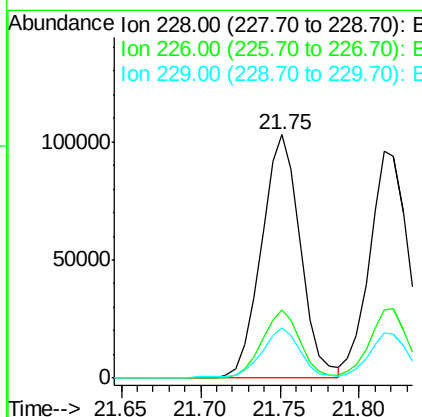
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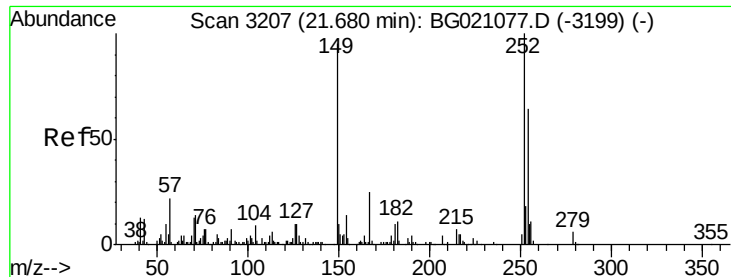
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#80
Benzo(a)anthracene
Concen: 47.57 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.7	34.1
229	20.4	15.5	23.3





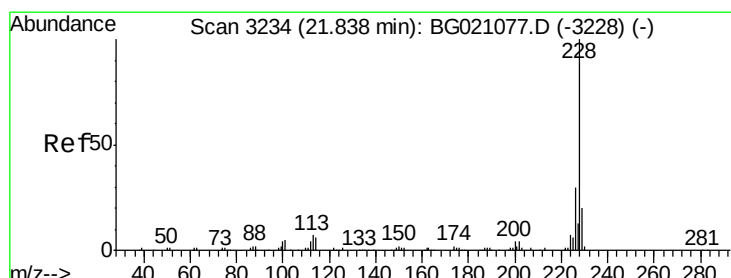
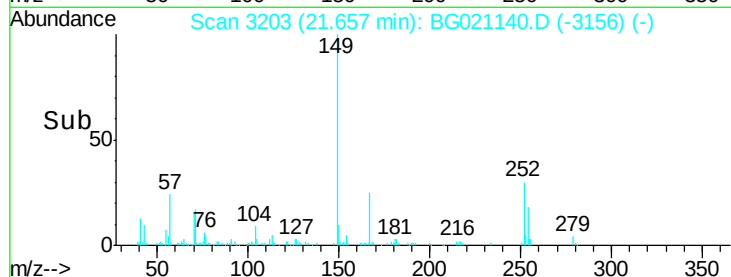
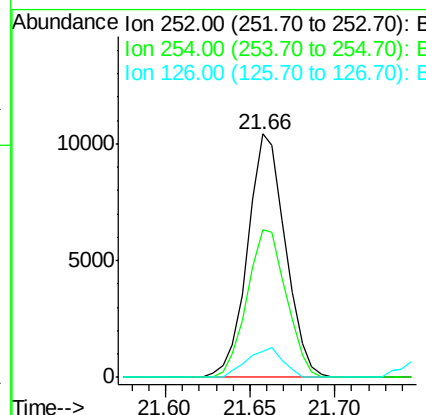
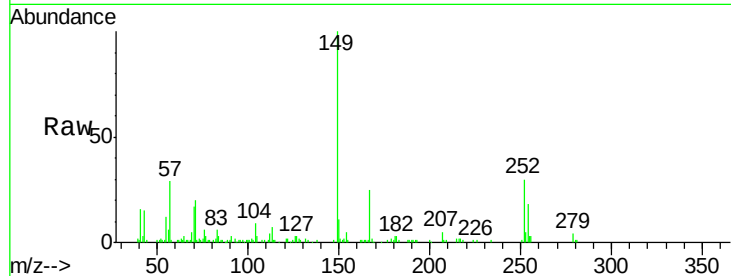
#81
 3,3'-Dichlorobenzidine
 Concen: 11.20 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampled :
 P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	60.6	52.6	79.0
126	10.4	8.3	12.5

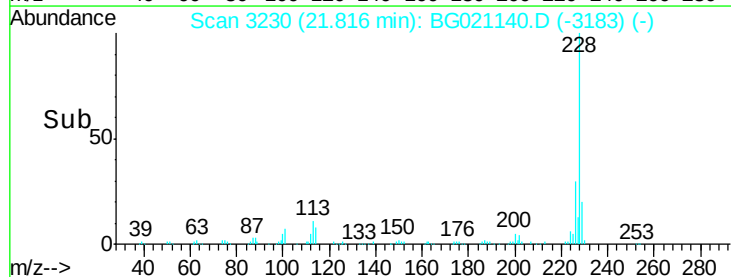
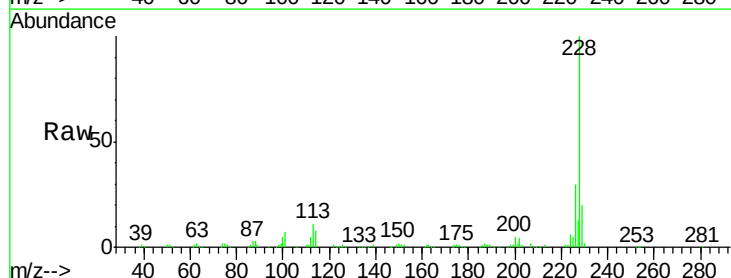
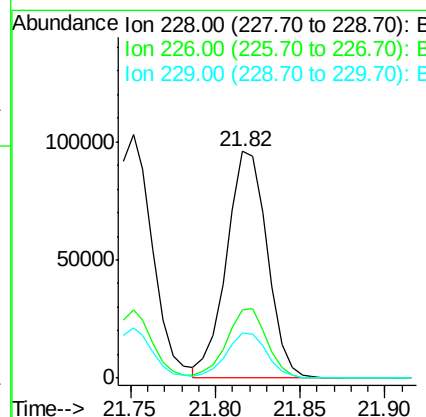
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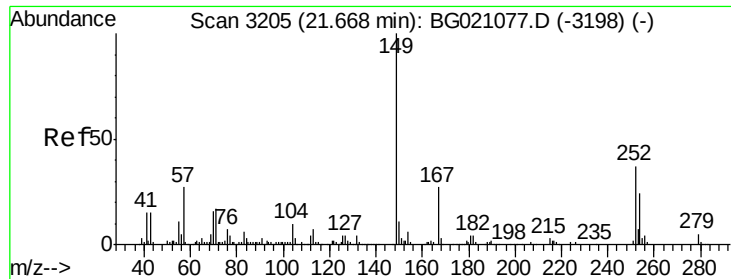
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#82
 Chrysene
 Concen: 45.15 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	23.7	35.5
229	19.8	16.7	25.1





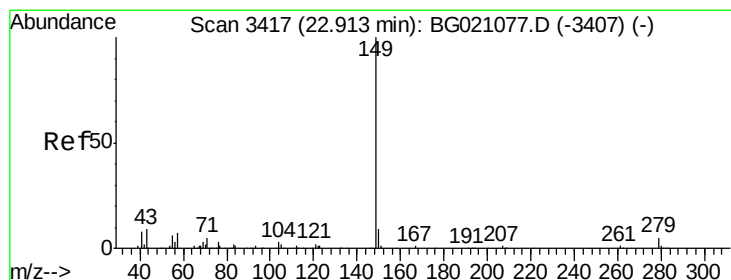
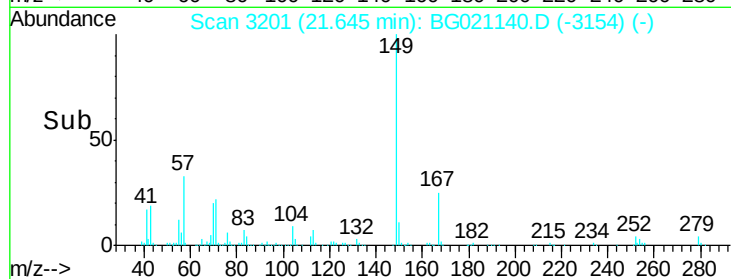
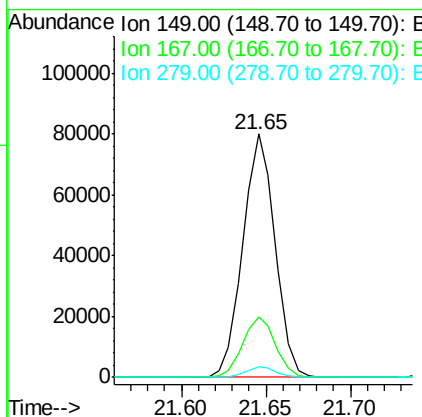
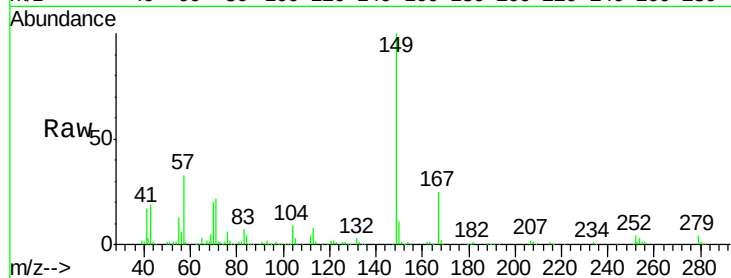
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.30 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.8	18.9	28.3
279	4.2	3.0	4.6

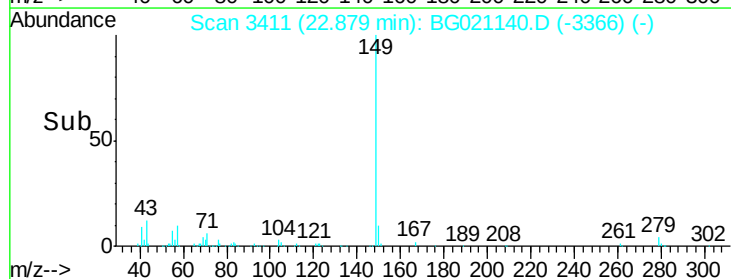
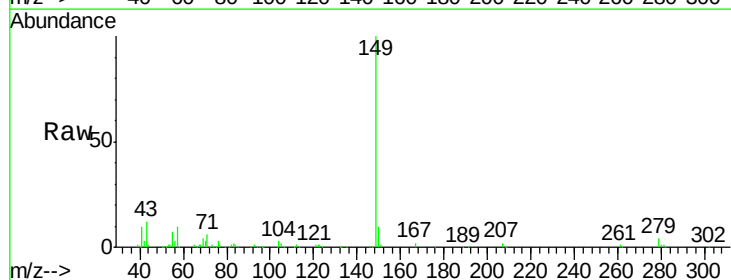
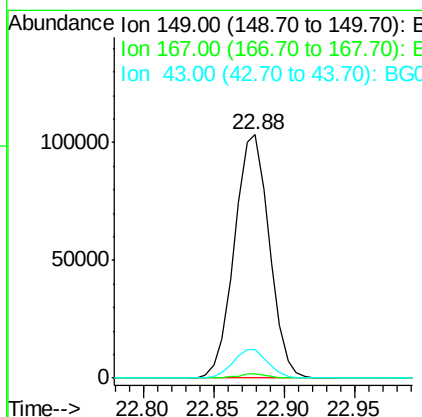
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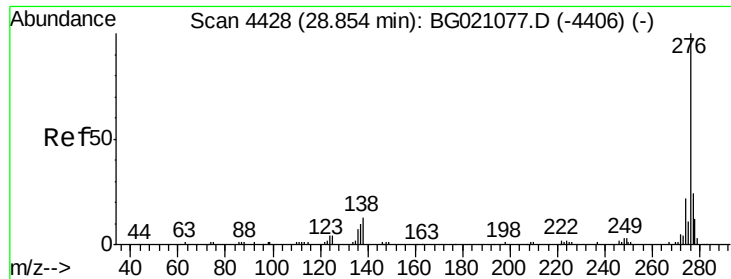
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#84
 Di-n-octyl phthalate
 Concen: 46.50 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.03 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.1	1.7
43	11.9	9.8	14.8





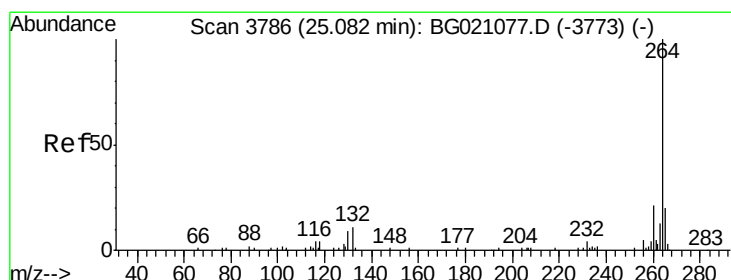
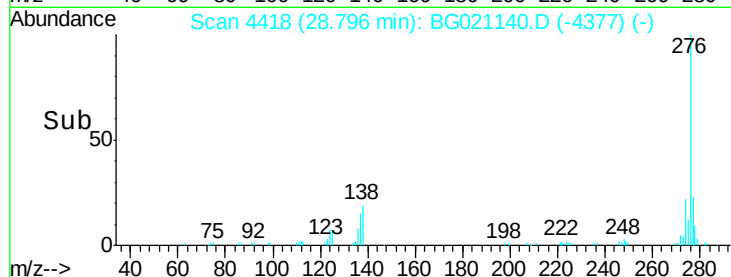
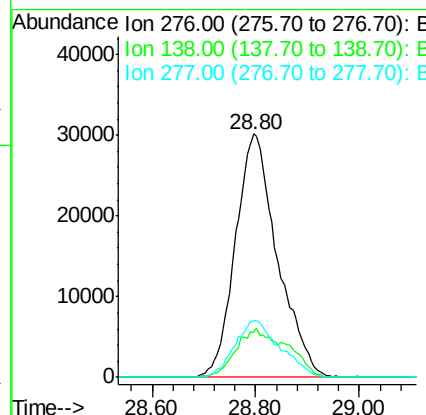
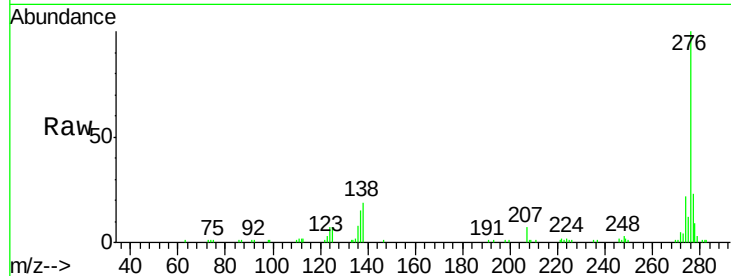
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.48 ng
 RT: 28.80 min Scan# 4418
 Delta R.T. -0.06 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.2	0.0	0.0#
277	25.2	0.0	0.0#

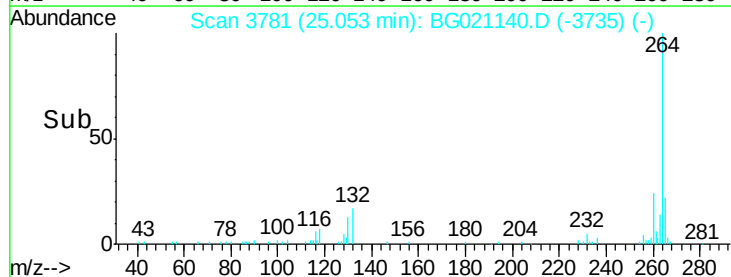
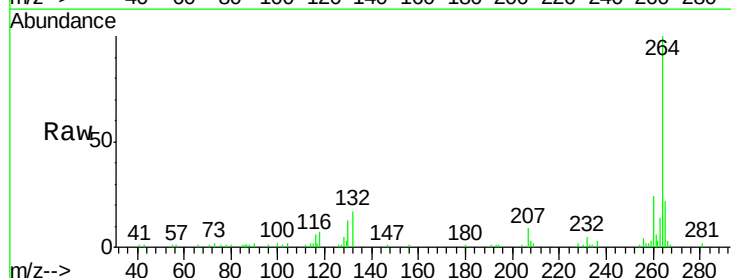
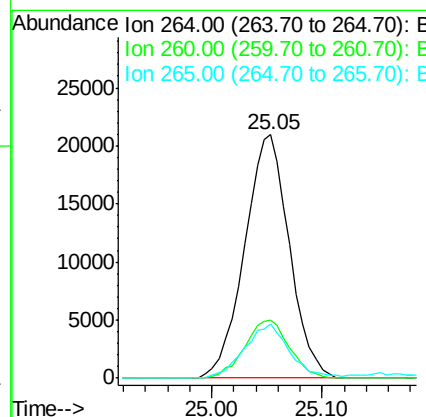
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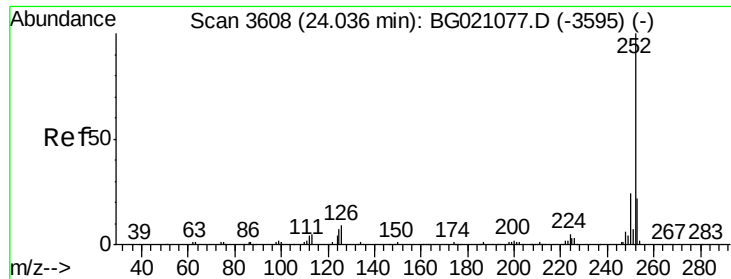
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.03 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	18.5	27.7
265	22.3	18.6	28.0





#87

Benzo(b)fluoranthene

Concen: 48.02 ng

RT: 24.01 min Scan# 3603

Delta R.T. -0.03 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

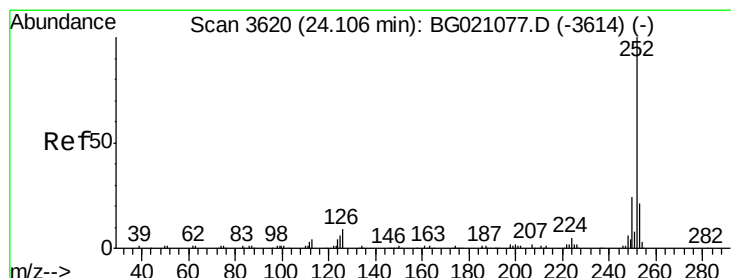
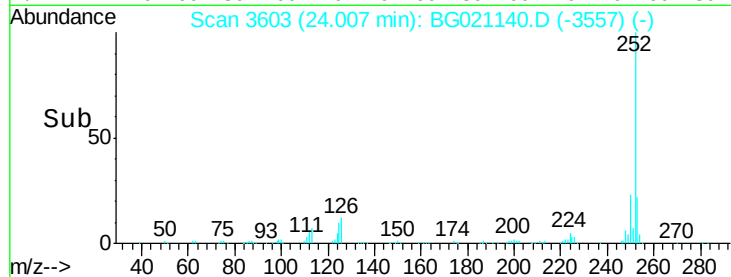
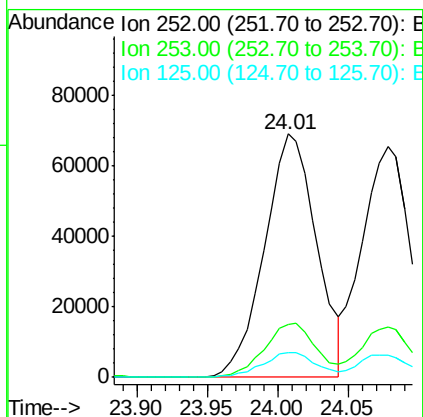
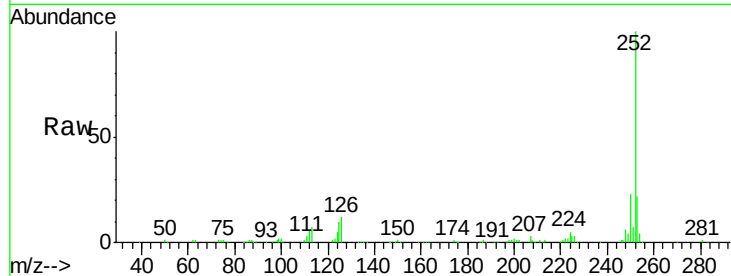
ClientSampleId :

P-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	177541		
253	21.8	16.8	25.2	
125	10.0	8.2	12.2	

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#88

Benzo(k)fluoranthene

Concen: 42.67 ng

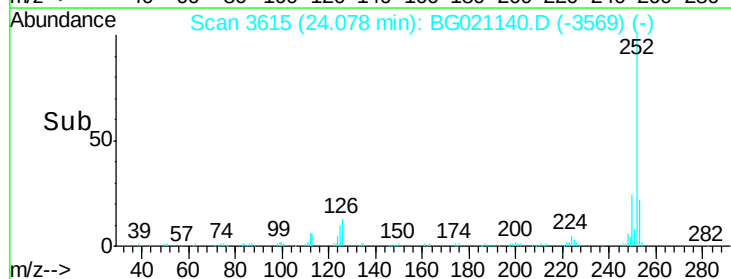
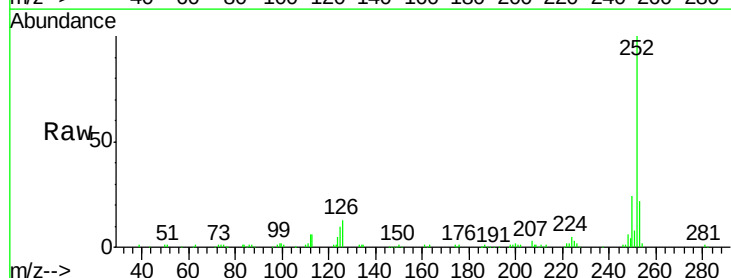
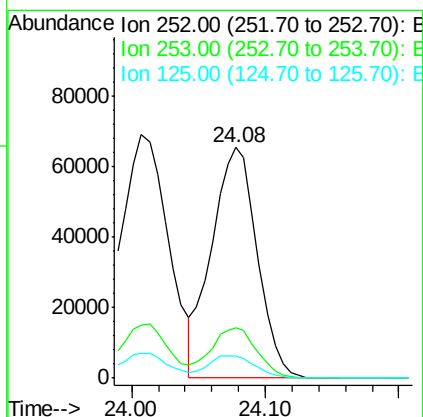
RT: 24.08 min Scan# 3615

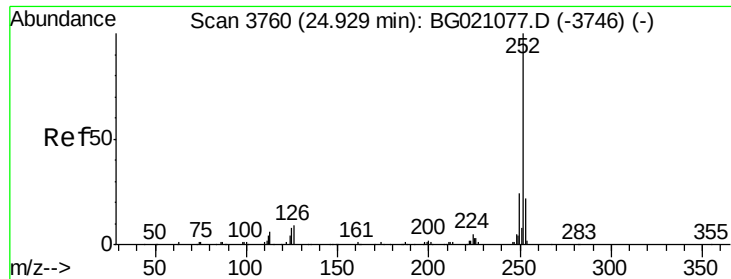
Delta R.T. -0.03 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	155533		
253	22.0	16.4	24.6	
125	9.7	8.2	12.2	





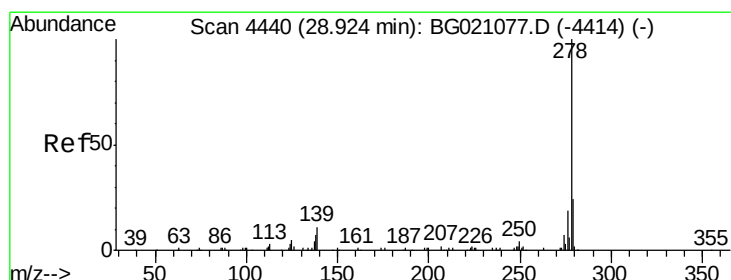
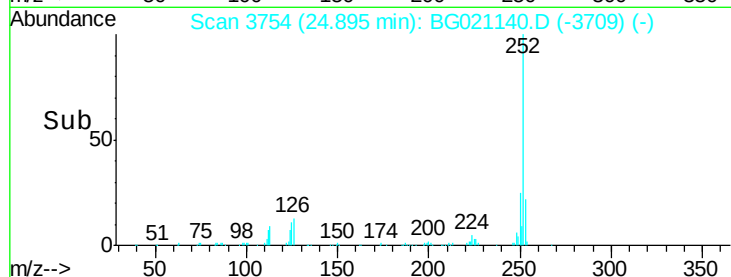
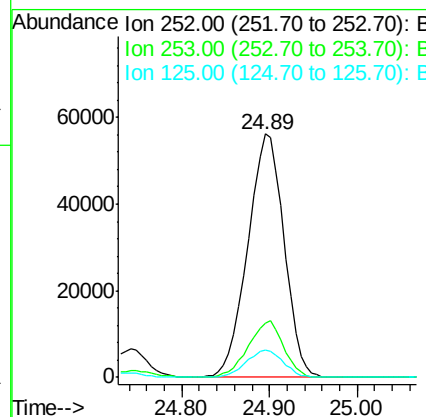
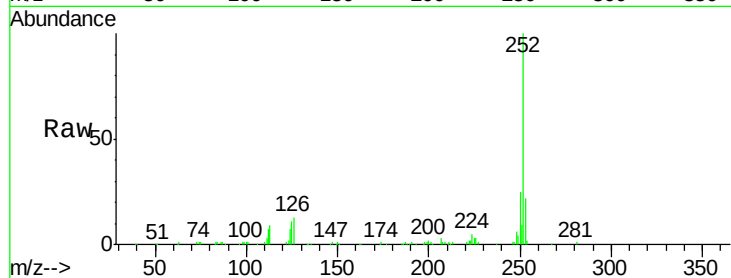
#89
Benzo(a)pyrene
Concen: 44.69 ng
RT: 24.89 min Scan# 3754
Delta R.T. -0.03 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	15.8	23.8
125	11.4	8.4	12.6

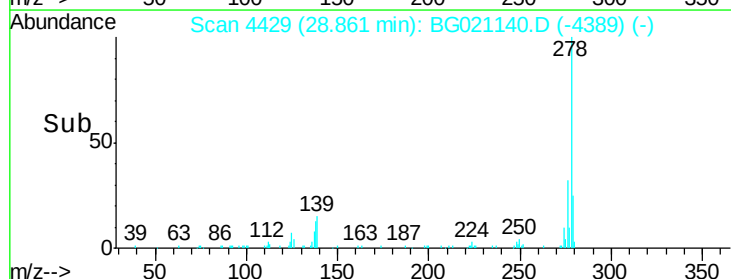
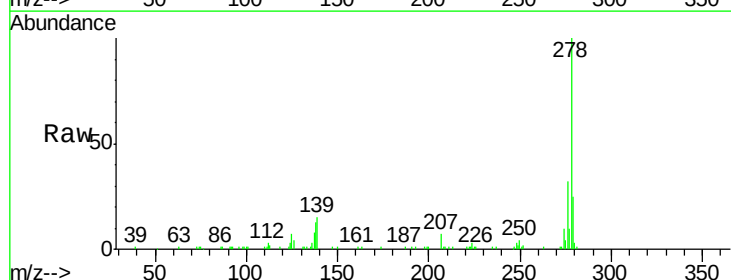
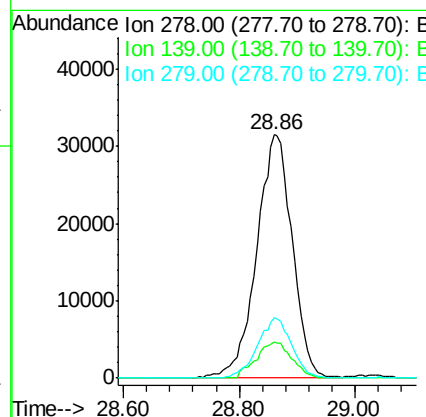
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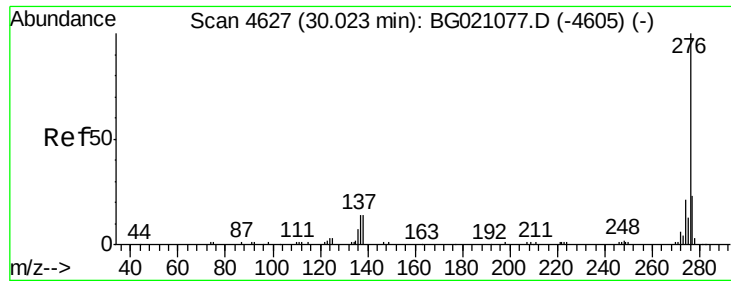
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#90
Dibenzo(a,h)anthracene
Concen: 37.72 ng
RT: 28.86 min Scan# 4429
Delta R.T. -0.06 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

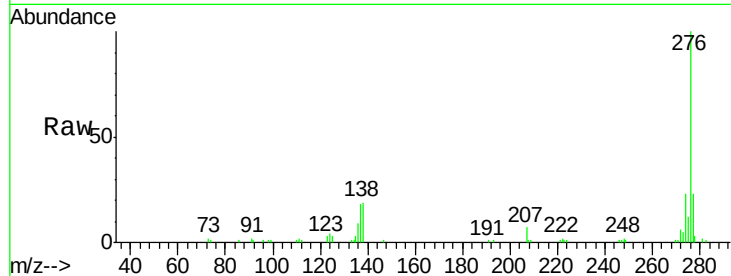
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.1	10.6	15.8
279	24.7	19.7	29.5





#91
 Benzo(g,h,i)perylene
 Concen: 40.58 ng
 RT: 29.98 min Scan# 4619
 Delta R.T. -0.05 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.3	16.6	25.0		
138	19.1	14.6	21.8		

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