

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021174.D
 Acq On : 1 Mar 2016 3:26
 Operator : UM/SJ
 Sample : PB88571BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Manual Integrations
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Sohil
 3/1/2016 3:02:05 PM

Quant Time: Mar 01 04:34:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	9696	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	49427	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	32378	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	73443	20.00	ng	0.00
75) Chrysene-d12	21.76	240	76090	20.00	ng	0.00
86) Perylene-d12	25.02	264	68109	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	86712	142.17	ng	0.00
7) Phenol-d6	7.30	99	142047	141.64	ng	0.00
23) Nitrobenzene-d5	9.32	82	100061	85.66	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	44524	132.17	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	193481	84.85	ng	0.00
78) Terphenyl-d14	20.08	244	285144	90.79	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	8227	30.03	ng	# 81
3) Pyridine	3.99	79	27688	31.98	ng	# 89
4) n-Nitrosodimethylamine	3.90	42	15466	35.46	ng	94
6) Aniline	7.47	93	33730	25.37	ng	# 88
8) 2-Chlorophenol	7.71	128	33963	45.42	ng	85
9) Benzaldehyde	7.29	77	5900	9.42	ng	85
10) Phenol	7.33	94	49688	46.48	ng	82
11) bis(2-Chloroethyl)ether	7.57	93	32783	39.78	ng	92
12) 1,3-Dichlorobenzene	8.04	146	30263	39.47	ng	# 89
13) 1,4-Dichlorobenzene	8.19	146	30625	38.80	ng	95
14) 1,2-Dichlorobenzene	8.51	146	29862	39.67	ng	96
15) Benzyl Alcohol	8.38	79	41600	45.42	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	53747	37.78	ng	99
17) 2-Methylphenol	8.58	107	34208	46.24	ng	# 91
18) Hexachloroethane	9.24	117	12609	38.15	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	35804	38.64	ng	# 93
20) 3+4-Methylphenols	8.91	107	47034	44.89	ng	93
22) Acetophenone	8.97	105	55523	37.75	ng	# 94
24) Nitrobenzene	9.36	77	51291	40.23	ng	# 88
25) Isophorone	9.88	82	98825	39.04	ng	96
26) 2-Nitrophenol	10.07	139	19760	42.55	ng	# 70
27) 2,4-Dimethylphenol	10.12	122	37967	45.57	ng	90
28) bis(2-Chloroethoxy)methane	10.36	93	50744	43.18	ng	98
29) 2,4-Dichlorophenol	10.60	162	35310	47.05	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	31367	41.44	ng	95
31) Naphthalene	11.01	128	108032	41.92	ng	98
32) Benzoic acid	10.24	122	27505	39.97	ng	89
33) 4-Chloroaniline	11.12	127	15433	12.99	ng	# 91
34) Hexachlorobutadiene	11.29	225	19016	41.27	ng	94
35) Caprolactam	11.89	113	15679m	42.85	ng	
36) 4-Chloro-3-methylphenol	12.21	107	50587	44.43	ng	90
37) 2-Methylnaphthalene	12.60	142	82385	44.90	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	40092	41.24	ng	# 97
40) Hexachlorocyclopentadiene	12.94	237	48066	90.16	ng	96

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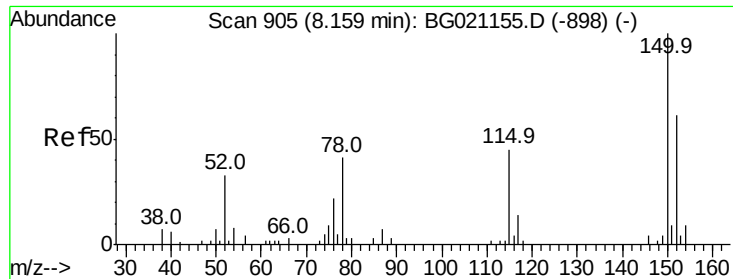
Manual Integrations
 APPROVED

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 3/1/2016 3:02:05 PM

Quant Time: Mar 01 04:34:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	32332	44.28	nq	96
43) 2,4,5-Trichlorophenol	13.27	196	35047	44.88	nq #	92
45) 1,1'-Biphenyl	13.60	154	110432	41.47	nq	96
46) 2-Chloronaphthalene	13.64	162	85749	42.90	nq	98
47) 2-Nitroaniline	13.84	65	41204	42.30	nq #	75
48) Acenaphthylene	14.48	152	145768	43.07	nq	97
49) Dimethylphthalate	14.21	163	118344	41.01	nq #	98
50) 2,6-Dinitrotoluene	14.33	165	26546	43.97	nq #	72
51) Acenaphthene	14.82	154	89507	41.66	nq	98
52) 3-Nitroaniline	14.66	138	16685	24.91	nq #	63
53) 2,4-Dinitrophenol	14.86	184	29698	84.41	nq #	83
54) Dibenzofuran	15.16	168	135206	47.13	nq	92
55) 4-Nitrophenol	14.95	139	48462	87.23	nq #	59
56) 2,4-Dinitrotoluene	15.11	165	38177	43.90	nq #	78
57) Fluorene	15.80	166	117268	42.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	30229	48.40	nq #	95
59) Diethylphthalate	15.56	149	131561	41.25	nq	99
60) 4-Chlorophenyl-phenylether	15.79	204	57611	42.22	nq	98
61) 4-Nitroaniline	15.82	138	30170	42.17	nq #	65
62) Azobenzene	16.08	77	156898	45.80	nq	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	20849	41.67	nq	93
65) n-Nitrosodiphenylamine	16.00	169	105417	46.68	nq	94
66) 4-Bromophenyl-phenylether	16.68	248	34692	45.20	nq #	86
67) Hexachlorobenzene	16.80	284	34174	45.87	nq #	86
68) Atrazine	16.94	200	38476	49.76	nq	98
69) Pentachlorophenol	17.14	266	45235	92.94	nq	91
70) Phenanthrene	17.54	178	181282	45.74	nq	100
71) Anthracene	17.63	178	183846	45.33	nq	99
72) Carbazole	17.89	167	161985	45.04	nq	97
73) Di-n-butylphthalate	18.44	149	219904	43.49	nq #	98
74) Fluoranthene	19.53	202	202022	43.39	nq	99
76) Benzidine	19.71	184	51722	24.29	nq	98
77) Pyrene	19.89	202	206935	45.59	nq	99
79) Butylbenzylphthalate	20.76	149	102486	44.24	nq #	86
80) Benzo(a)anthracene	21.74	228	200268	44.46	nq	98
81) 3,3'-Dichlorobenzidine	21.64	252	31858	18.69	nq #	98
82) Chrysene	21.80	228	181584	42.53	nq	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	149671	44.08	nq	98
84) Di-n-octyl phthalate	22.86	149	256895	45.43	nq	100
85) Indeno(1,2,3-cd)pyrene	28.76	276	209222	42.74	nq #	100
87) Benzo(b)fluoranthene	23.98	252	194511	45.40	nq	98
88) Benzo(k)fluoranthene	24.06	252	191062	44.53	nq	97
89) Benzo(a)pyrene	24.88	252	187527	45.27	nq	97
90) Dibenzo(a,h)anthracene	28.82	278	176494	43.07	nq #	97
91) Benzo(g,h,i)perylene	29.92	276	171487	43.32	nq	94

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



#1

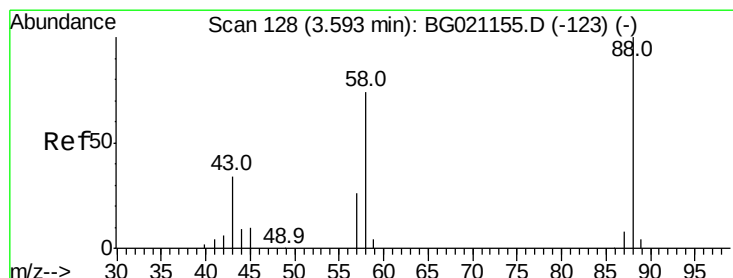
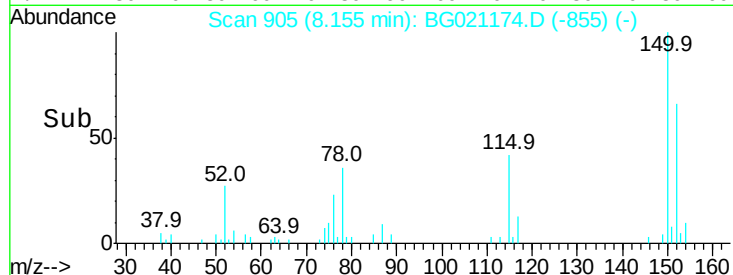
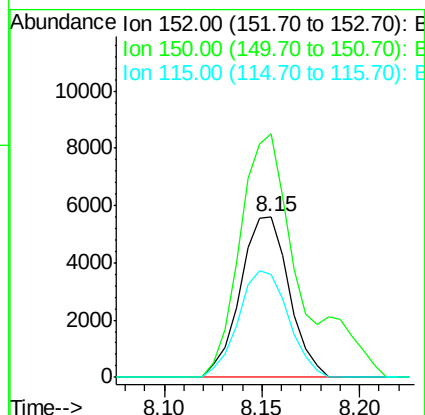
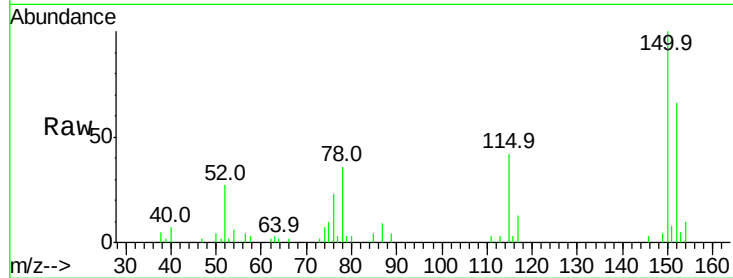
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampled :
PB88571BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.4	185.2
115	63.6	43.3	64.9

Manual Integrations
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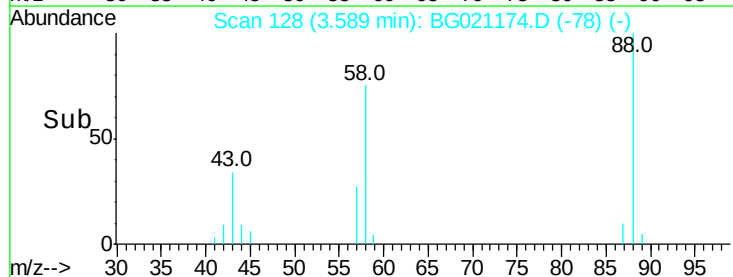
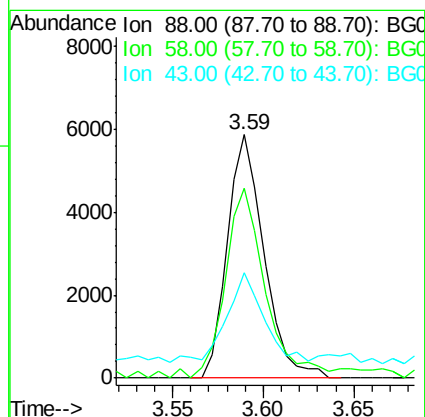
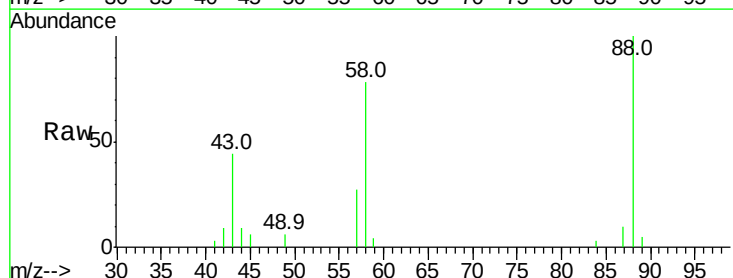
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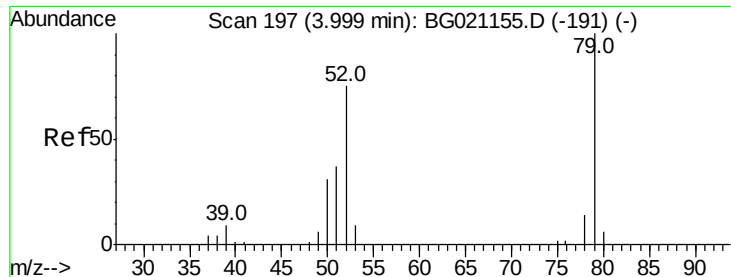


#2

1,4-Dioxane
Concen: 30.03 ng
RT: 3.59 min Scan# 128
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	55.9	83.9#
43	37.4	22.5	33.7#





#3

Pvridine

Concen: 31.98 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

ClientSampleId :

PB88571BS

Tot Ion: 79 Resp: 27688

Ion Ratio Lower Upper

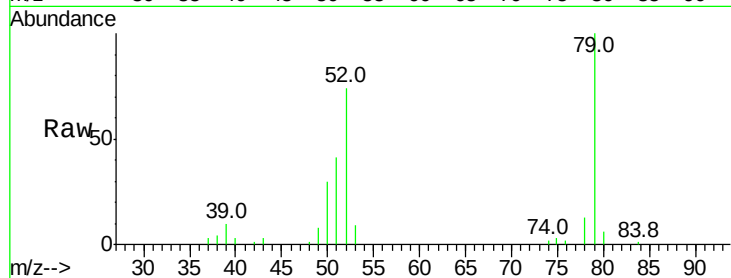
79 100

52 73.5 53.2 79.8

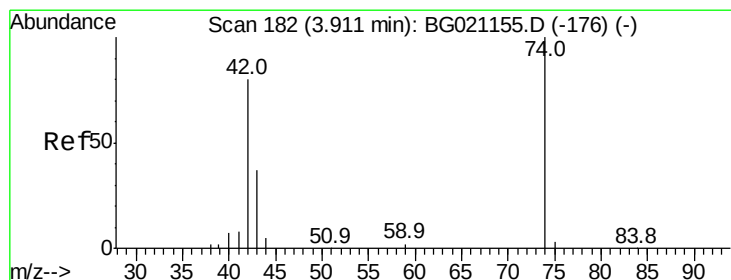
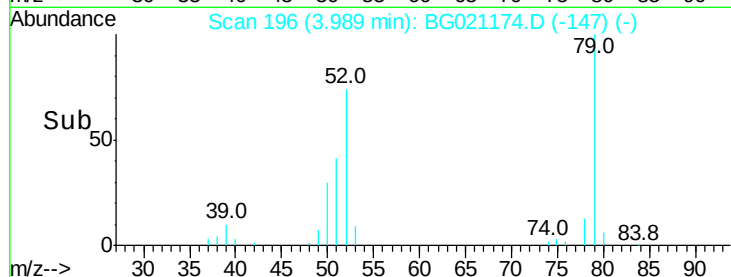
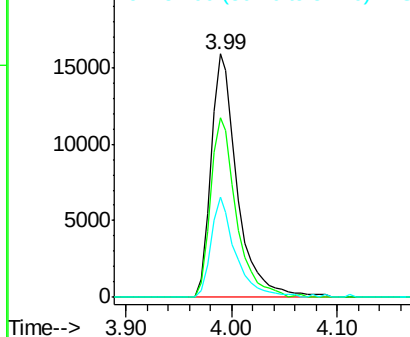
51 41.3 26.1 39.1#

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.46 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

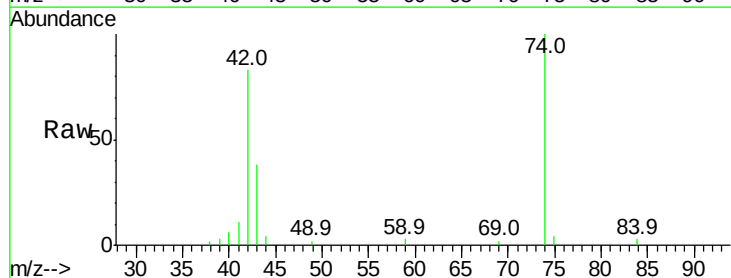
Tgt Ion: 42 Resp: 15466

Ion Ratio Lower Upper

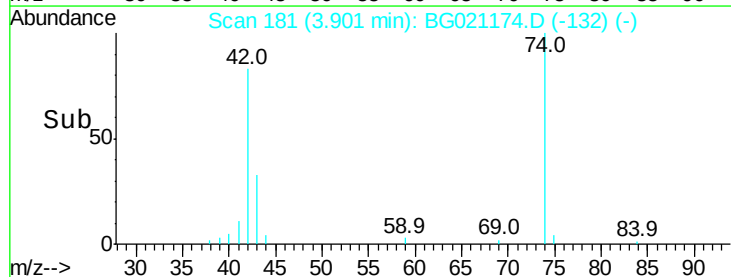
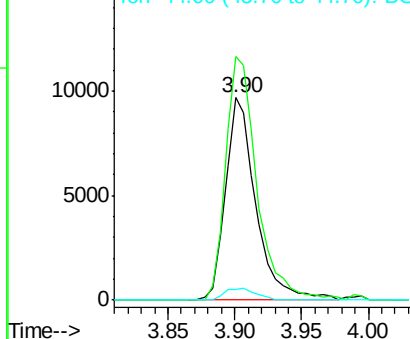
42 100

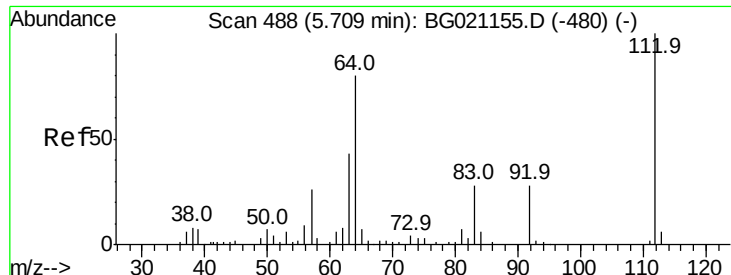
74 120.5 102.3 153.5

44 5.0 4.8 7.2



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.17 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

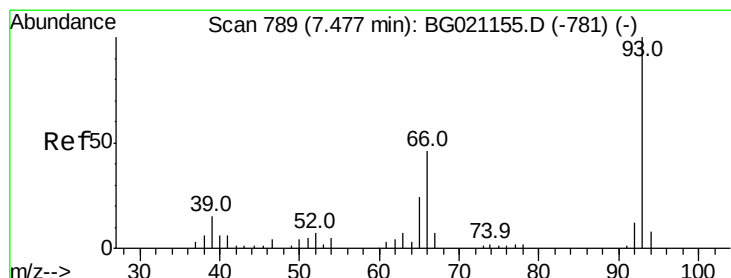
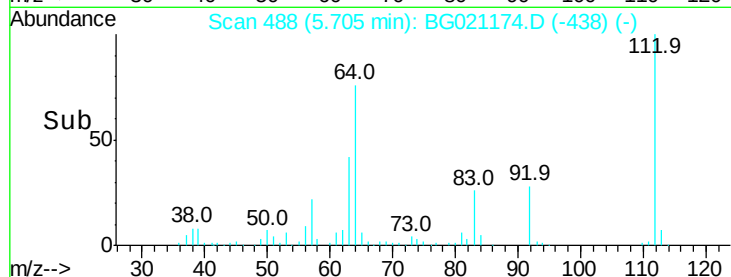
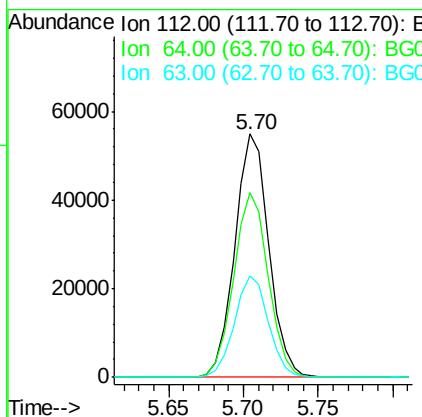
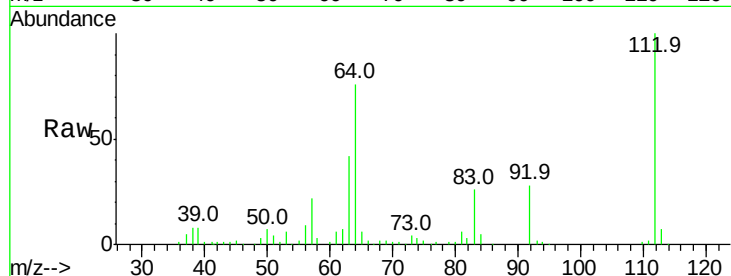
ClientSampleId :

PB88571BS

Tot Ion:	112	Resp:	86712
Ion Ratio	Lower	Upper	
112	100		
64	75.8	42.6	63.8#
63	41.7	21.7	32.5#

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#6

Aniline

Concen: 25.37 ng

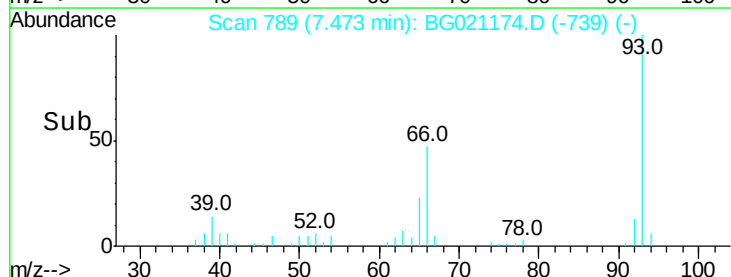
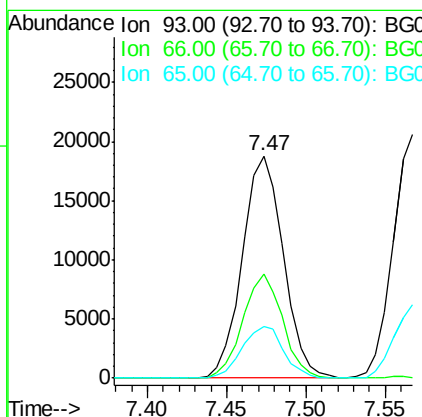
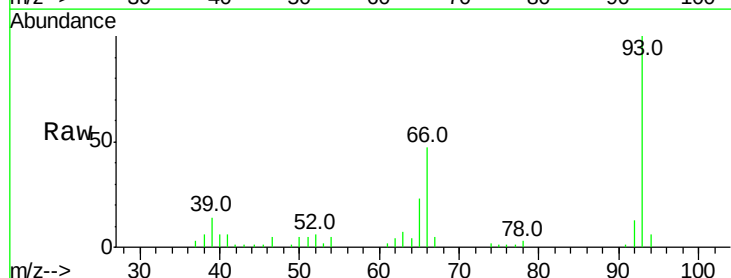
RT: 7.47 min Scan# 789

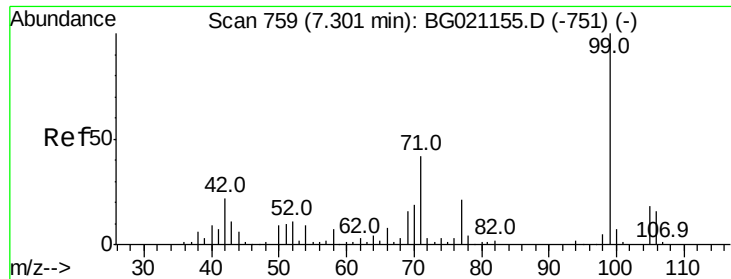
Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion:	93	Resp:	33730
Ion Ratio	Lower	Upper	
93	100		
66	46.9	30.1	45.1#
65	23.0	16.6	24.8





#7

Phenol-d6

Concen: 141.64 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

ClientSampleId :

PB88571BS

Tot Ion: 99 Resp: 142047
Ion Ratio Lower Upper

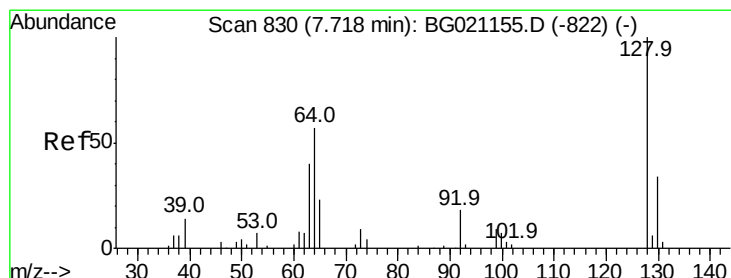
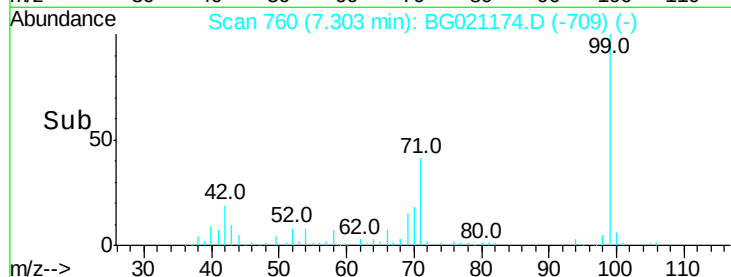
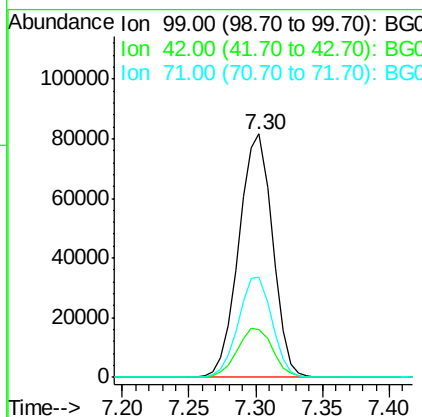
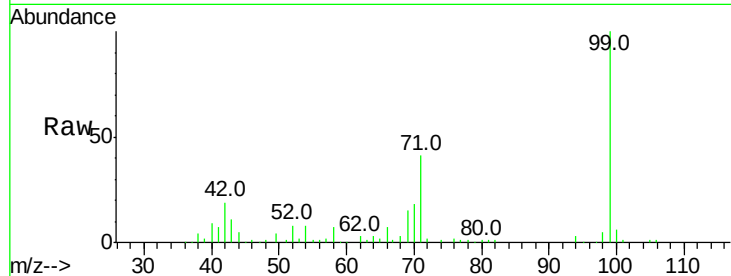
99 100

42 19.4 13.2 19.8

71 41.4 25.2 37.8#

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.42 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG021174.D

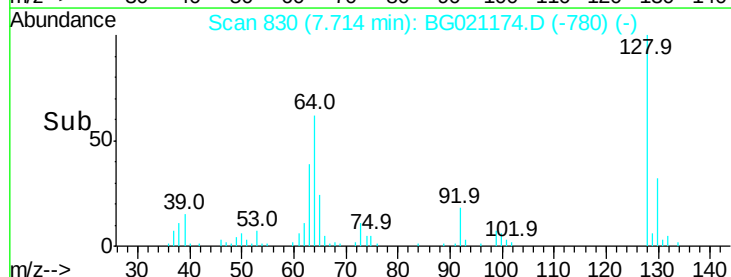
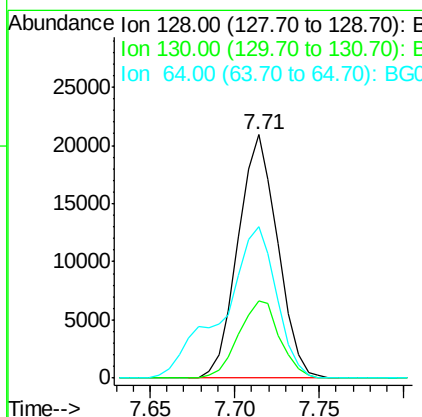
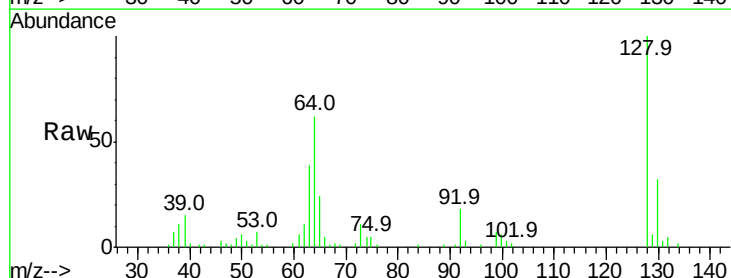
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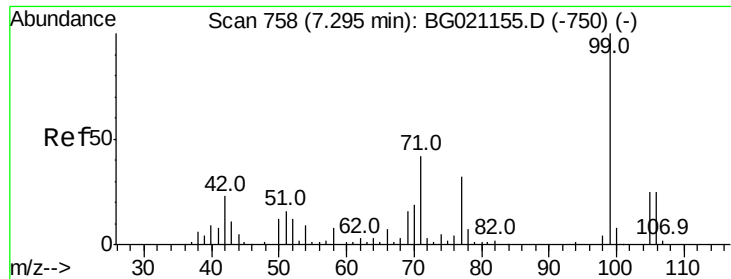
Tgt Ion:128 Resp: 33963
Ion Ratio Lower Upper

128 100

130 31.6 11.9 51.9

64 62.0 25.8 65.8





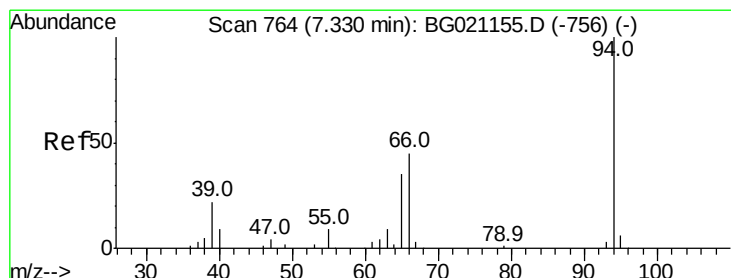
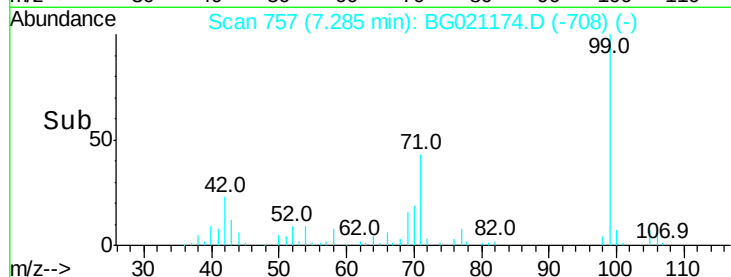
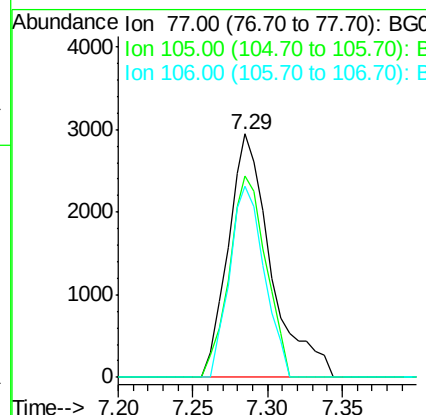
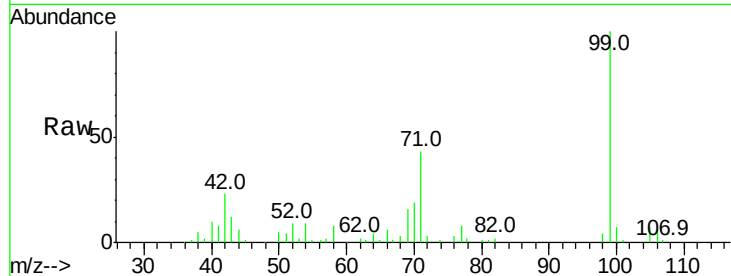
#9
Benzaldehyde
Concen: 9.42 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion: 77 Resp: 5900
Ion Ratio Lower Upper
77 100
105 82.8 77.4 117.4
106 78.5 72.8 112.8

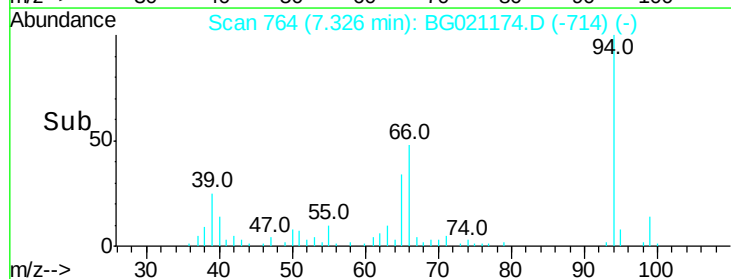
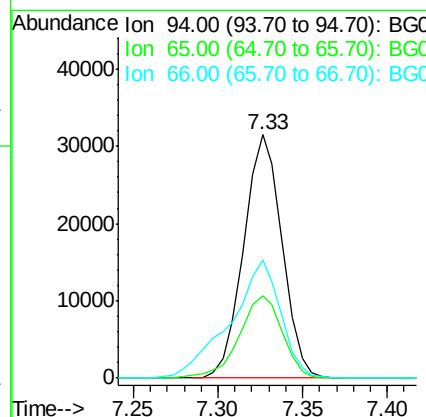
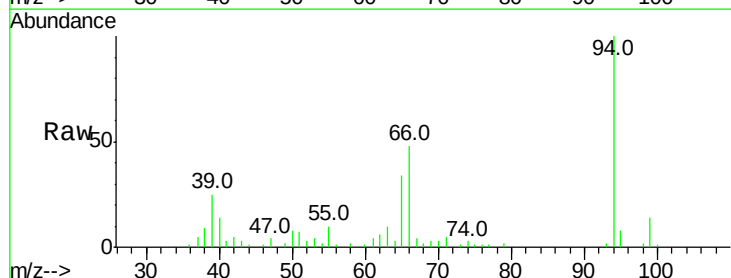
Manual Integrations
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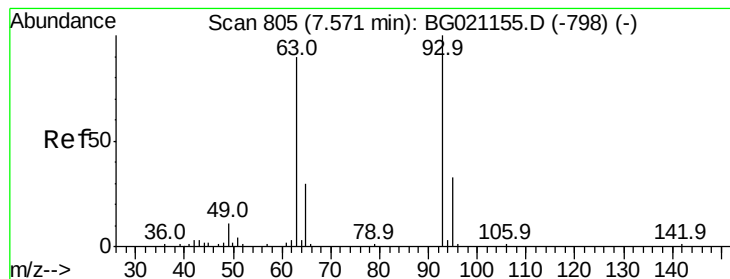
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#10
Phenol
Concen: 46.48 ng
RT: 7.33 min Scan# 764
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion: 94 Resp: 49688
Ion Ratio Lower Upper
94 100
65 34.1 7.2 47.2
66 48.5 15.4 55.4





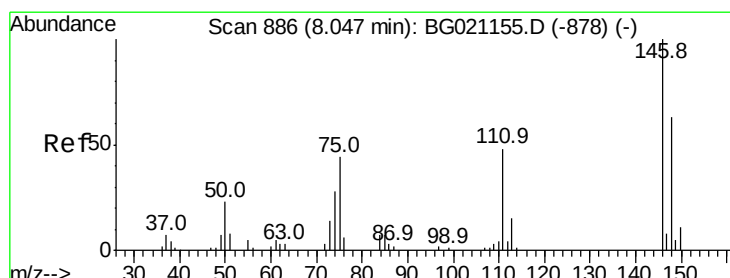
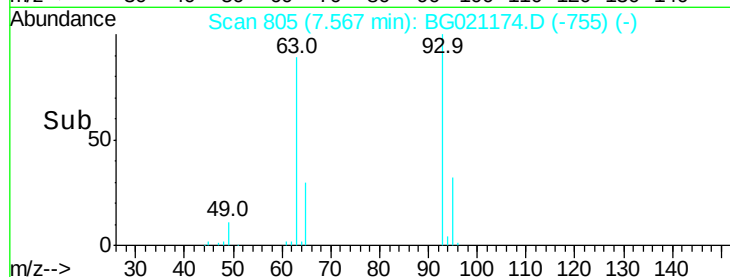
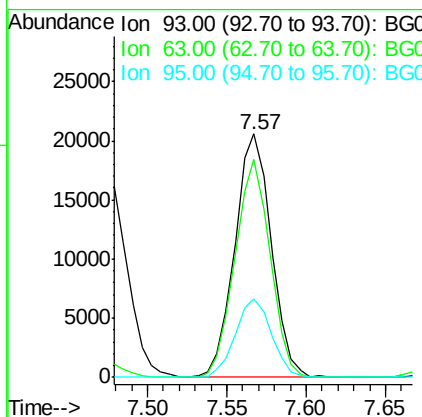
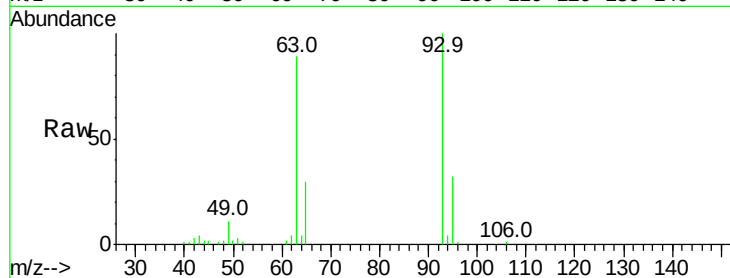
#11
bis(2-Chloroethyl)ether
Concen: 39.78 ng
RT: 7.57 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	60.5	100.5
95	32.5	14.6	54.6

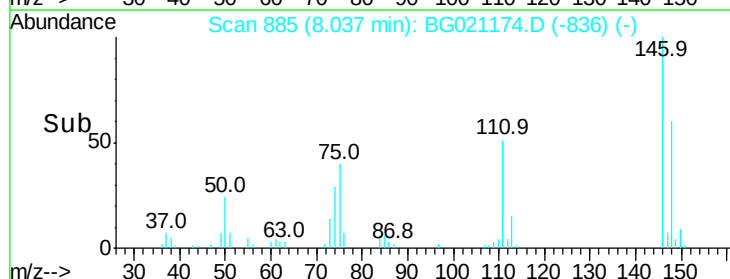
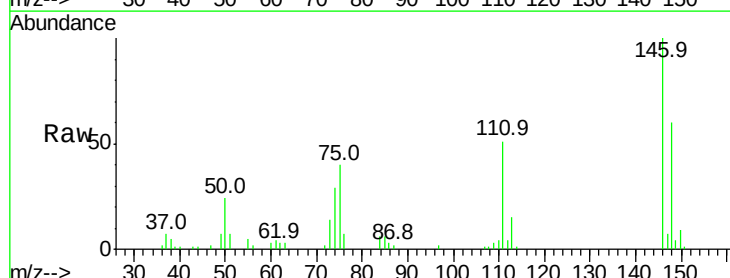
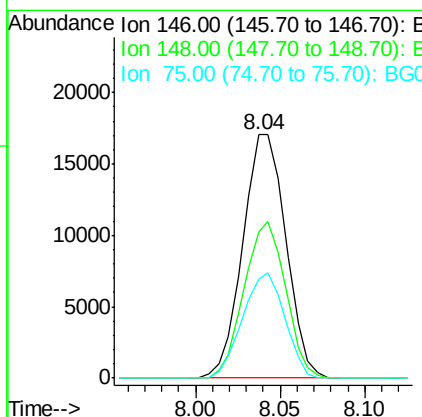
Manual Integrations
APPROVED

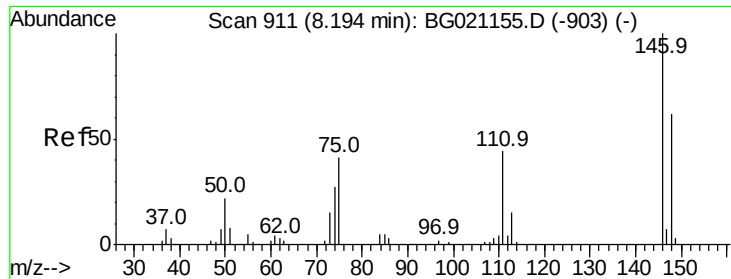
Sohil
3/1/2016 3:02:05 PM



#12
1,3-Dichlorobenzene
Concen: 39.47 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	52.6	78.8
75	40.4	24.0	36.0





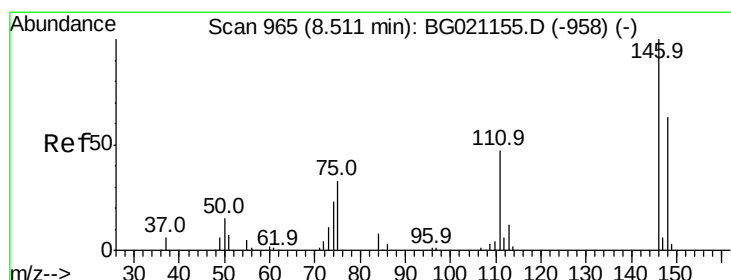
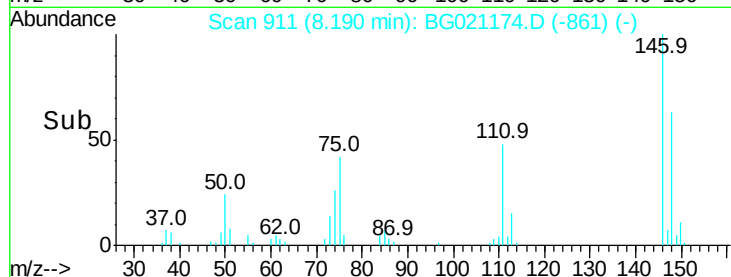
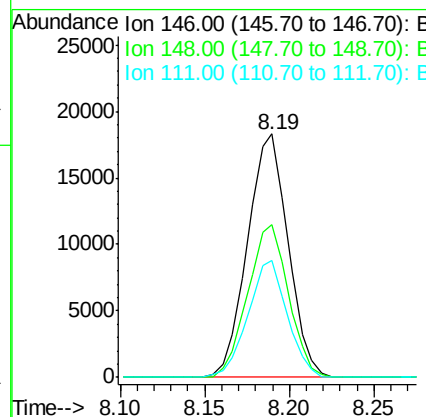
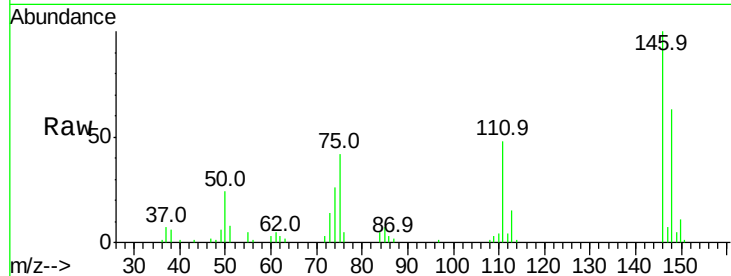
#13
 1,4-Dichlorobenzene
 Concen: 38.80 ng
 RT: 8.19 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleID :
 PB88571BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.4
111	47.8	31.9	47.9

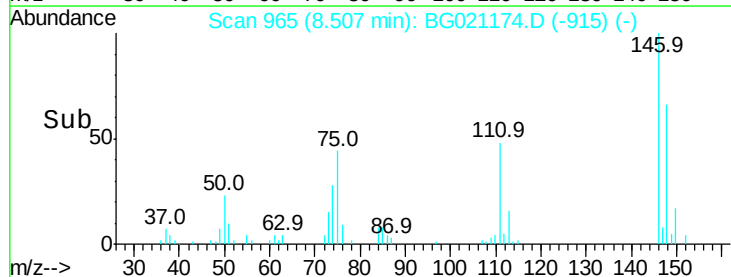
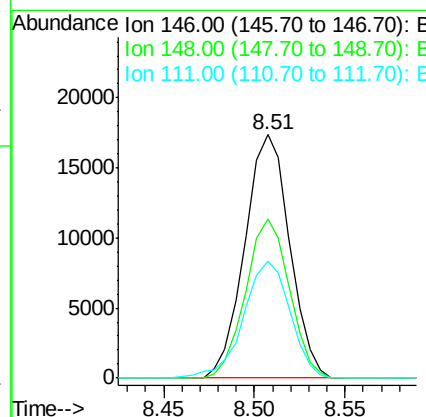
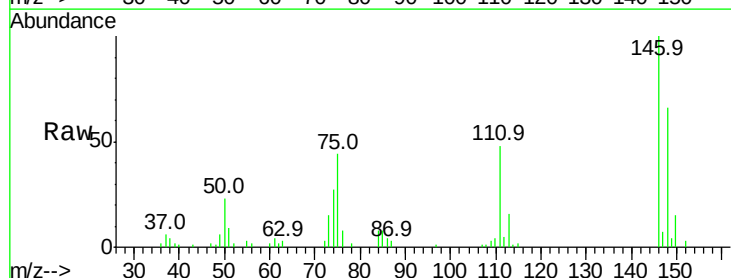
Manual Integrations
 APPROVED

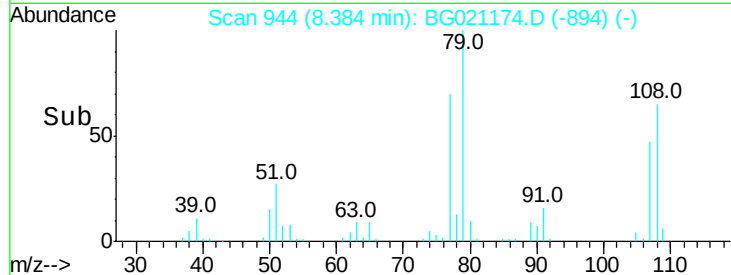
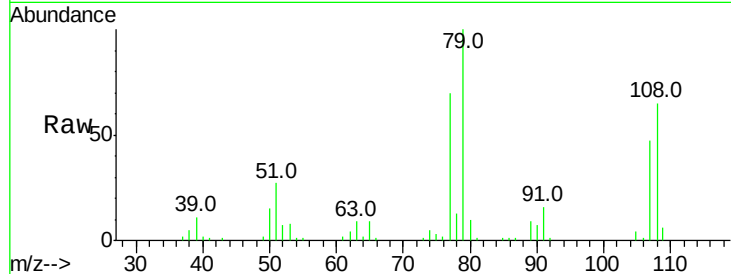
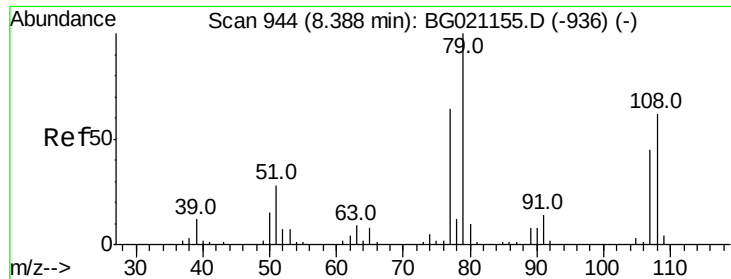
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 3/1/2016 3:02:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.67 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.5	75.7
111	48.2	35.4	53.2





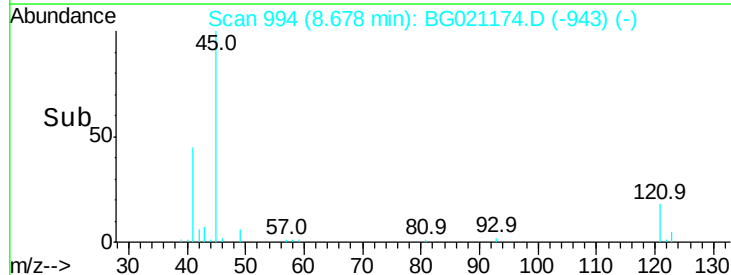
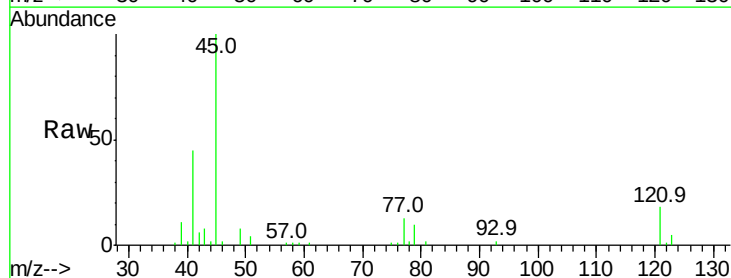
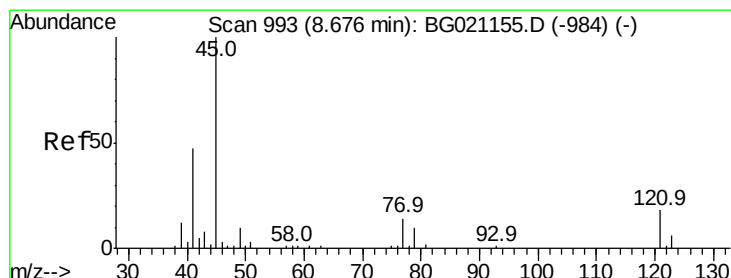
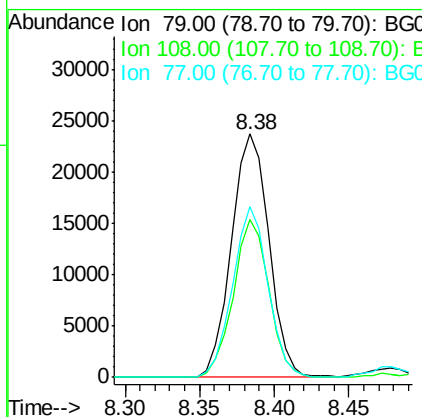
#15
Benzyl Alcohol
Concen: 45.42 ng
RT: 8.38 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tot Ion: 79 Resp: 41600
Ion Ratio Lower Upper
79 100
108 64.7 65.1 97.7#
77 70.1 53.8 80.8

Instrument :
BNA_G
ClientSampleId :
PB88571BS

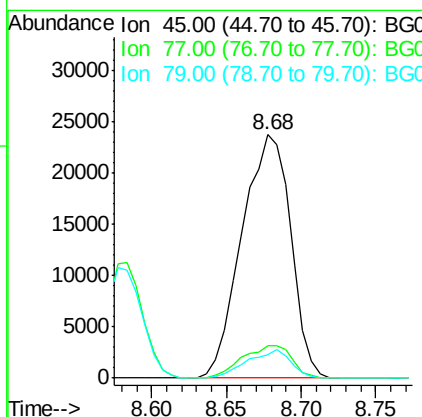
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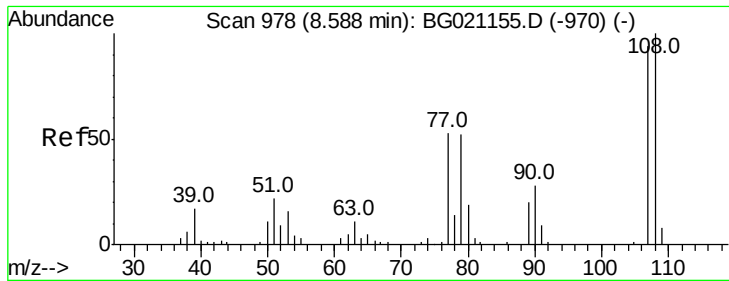
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.78 ng
RT: 8.68 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion: 45 Resp: 53747
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.3
79 9.9 0.0 29.6





#17

2-Methylphenol

Concen: 46.24 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

ClientSampleId :

PB88571BS

Tot Ion:107 Resp: 34208

Ion Ratio Lower Upper

107 100

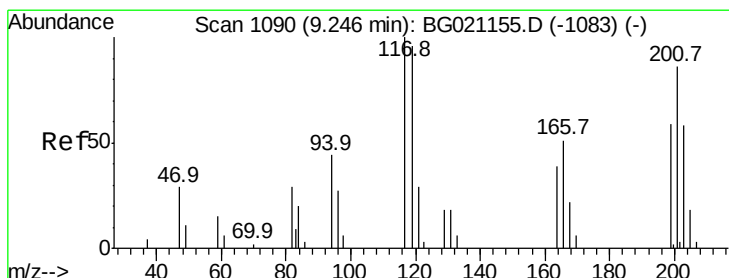
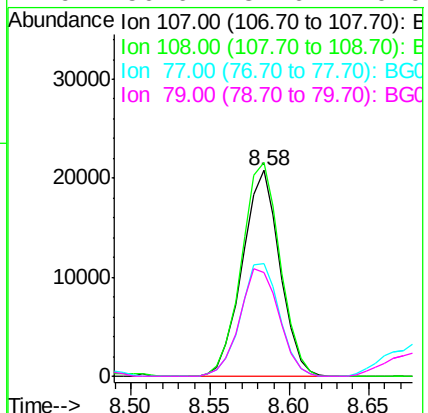
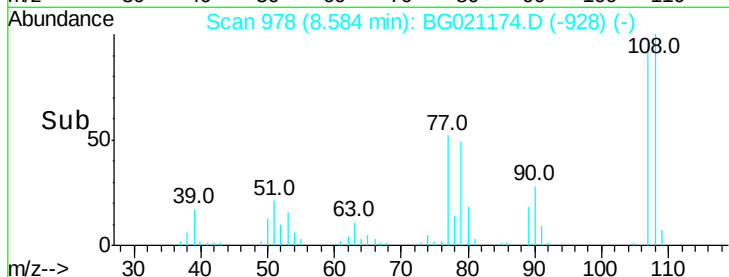
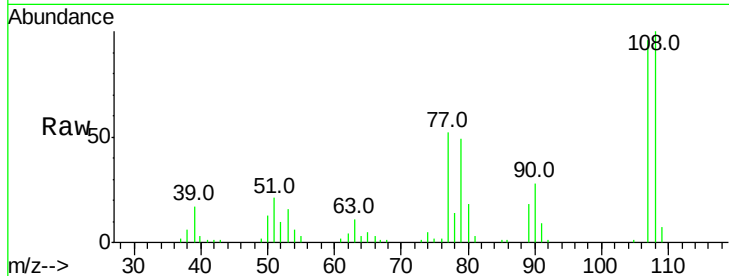
108 103.8 88.8 133.2

77 54.5 38.0 57.0

79 50.6 32.6 49.0#

Manual Integrations
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#18

Hexachloroethane

Concen: 38.15 ng

RT: 9.24 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

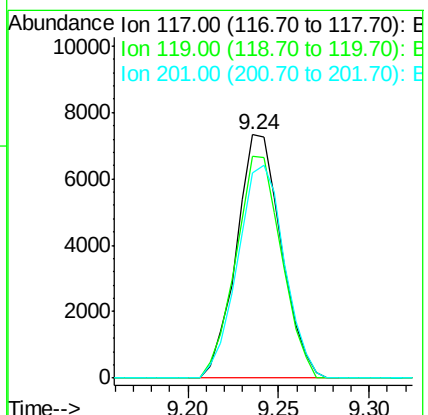
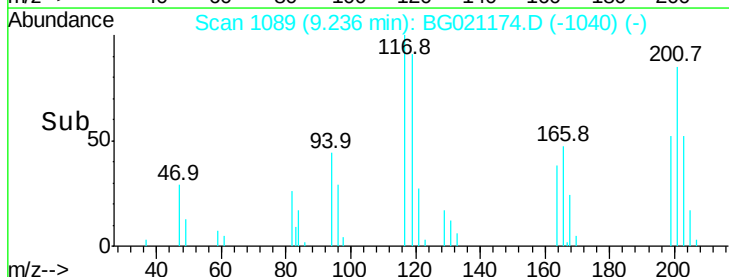
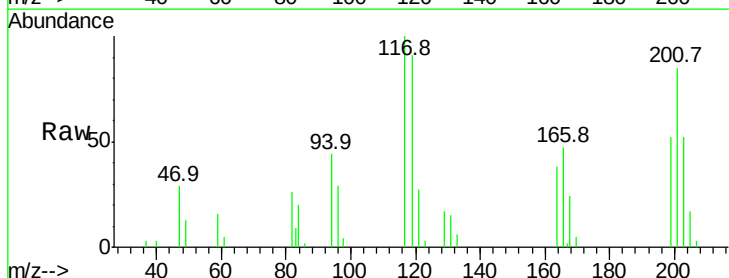
Tgt Ion:117 Resp: 12609

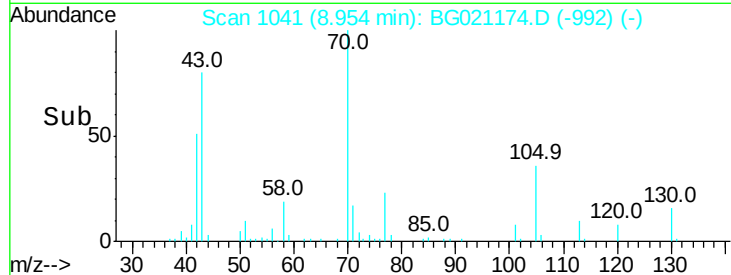
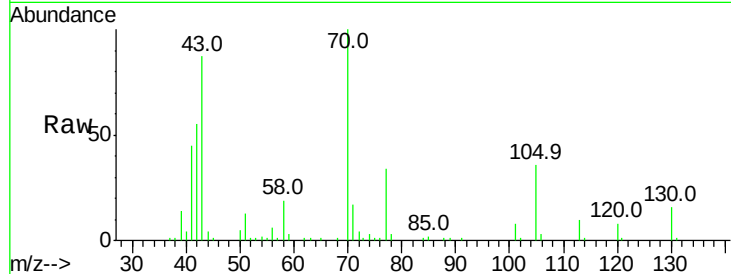
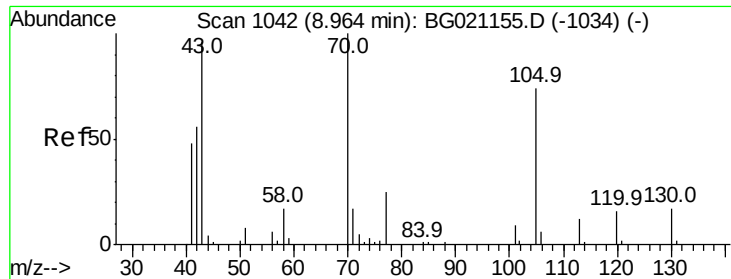
Ion Ratio Lower Upper

117 100

119 91.1 74.5 111.7

201 84.5 68.2 102.4





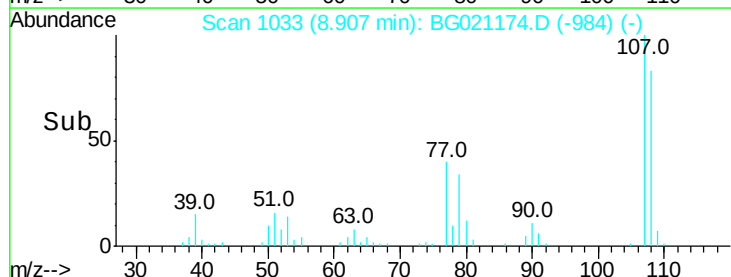
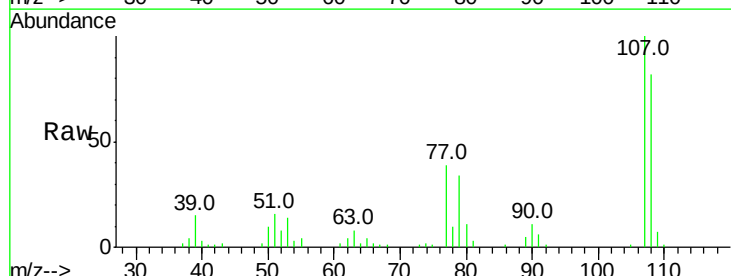
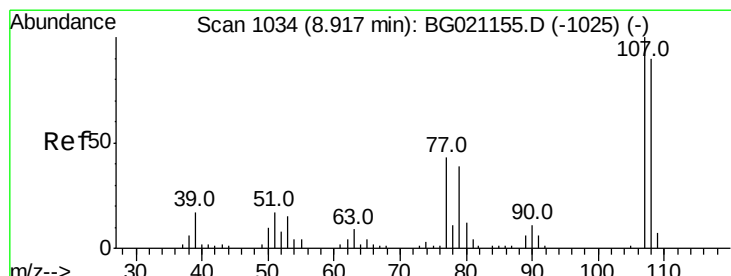
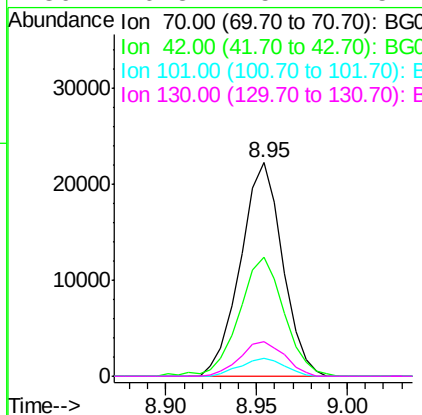
#19
n-Nitroso-di-n-propylamine
Concen: 38.64 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		35804		
42	55.5	48.8	73.2		
101	8.3	8.5	12.7		
130	16.3	15.4	23.2		

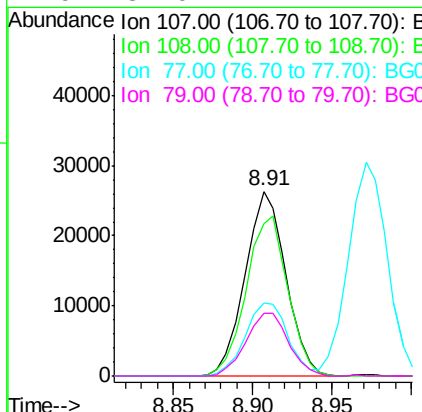
Manual Integrations
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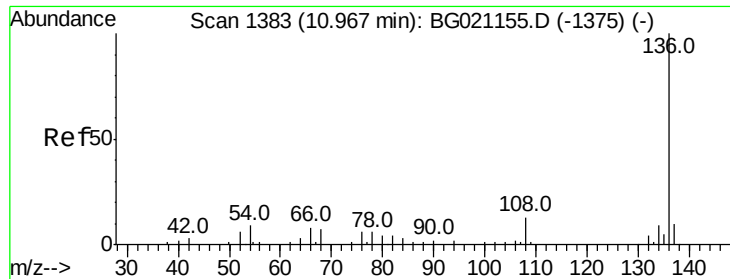
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#20
3+4-Methylphenols
Concen: 44.89 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		47034		
108	82.5	67.6	107.6		
77	39.5	14.4	54.4		
79	34.0	7.7	47.7		





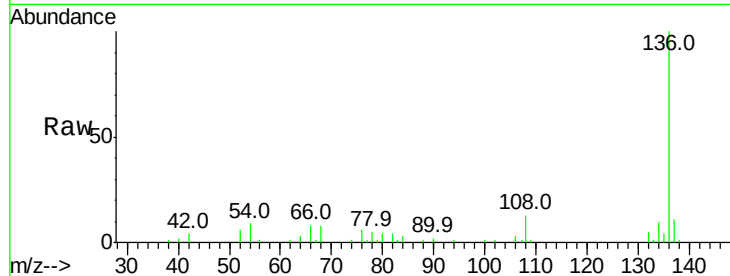
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	9.4	6.9	10.3	
68	8.5	5.8	8.6	

Manual Integrations
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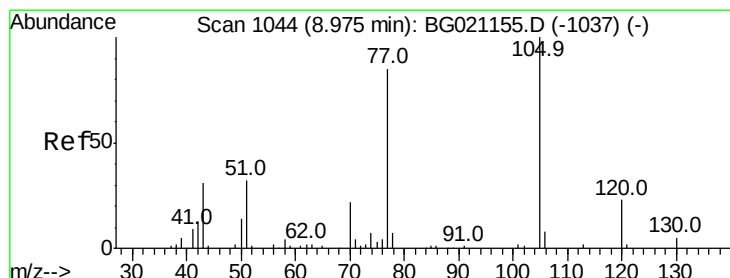
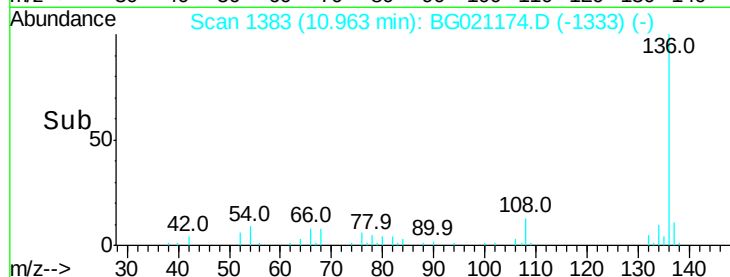
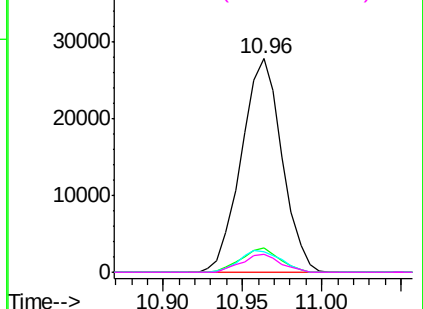
Abundance

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: 37.75 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	0.0	0.0#	
51	32.3	21.4	32.2#	
120	21.9	18.0	27.0	

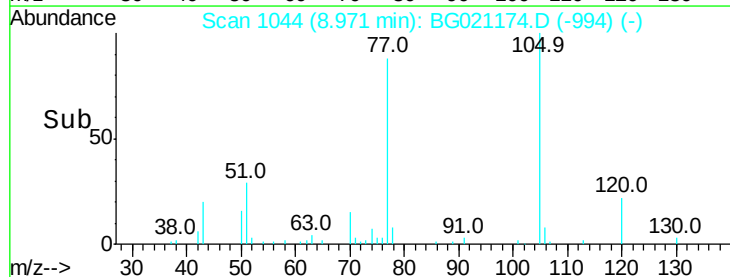
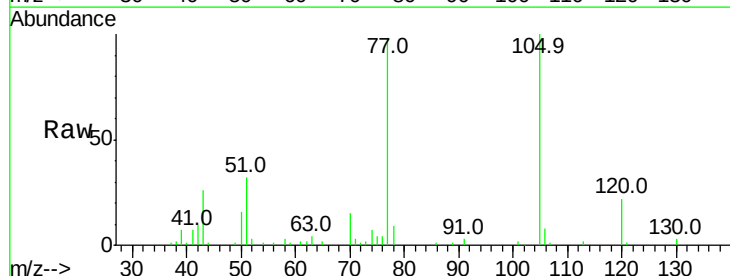
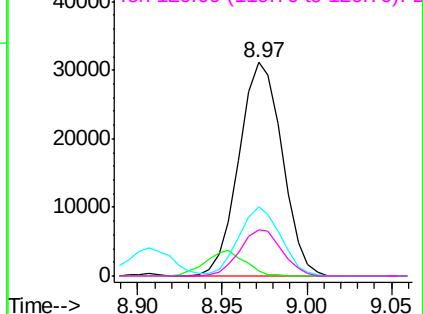
Abundance

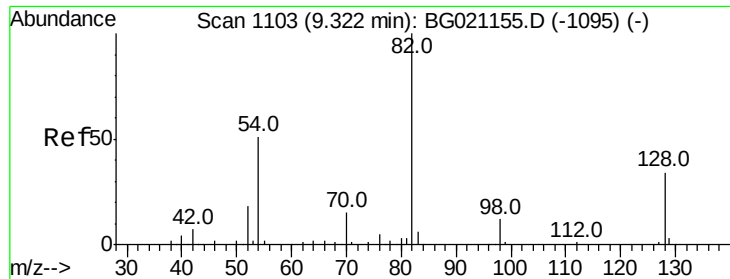
Ion 105.00 (104.70 to 105.70): E

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





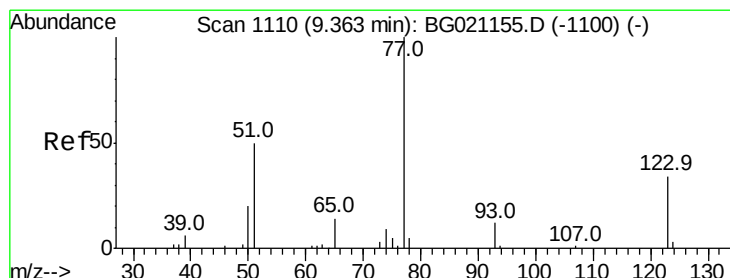
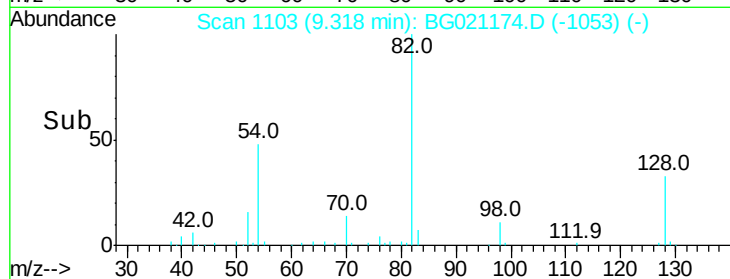
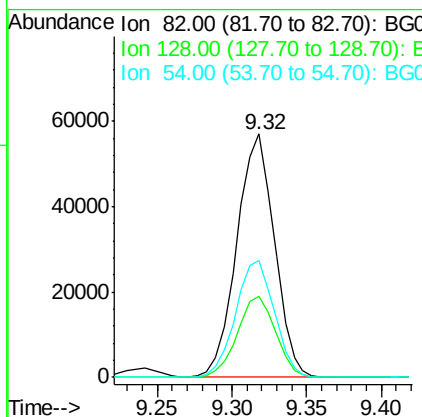
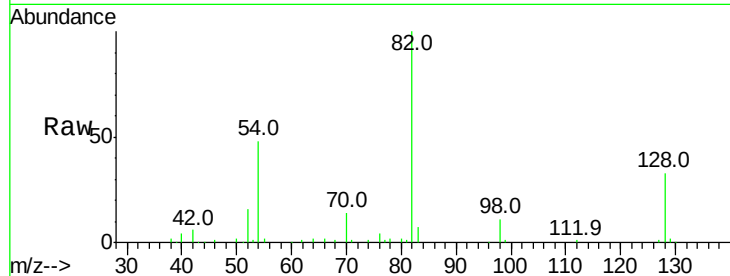
#23
 Nitrobenzene-d5
 Concen: 85.66 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.1	36.3	54.5#	
54	48.1	37.6	56.4	

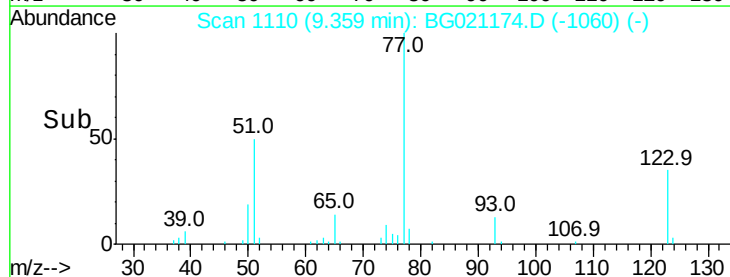
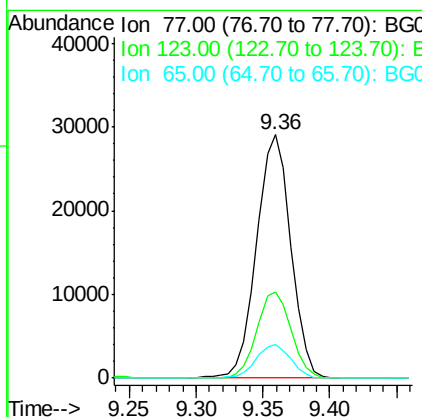
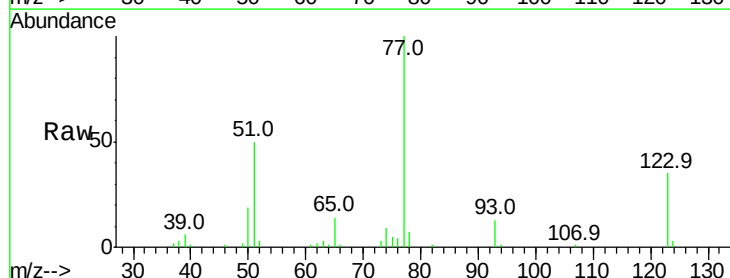
Manual Integrations
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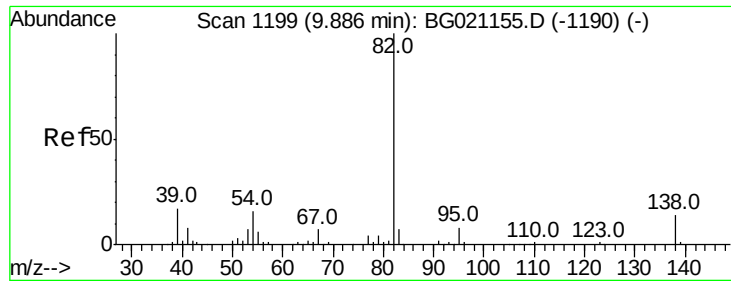
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#24
 Nitrobenzene
 Concen: 40.23 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.2	35.8	53.6#	
65	13.9	10.6	16.0	





#25

Isophorone

Concen: 39.04 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

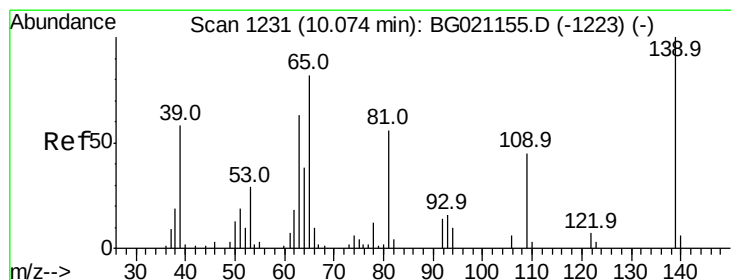
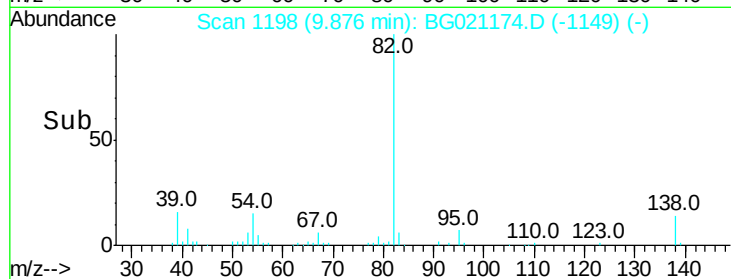
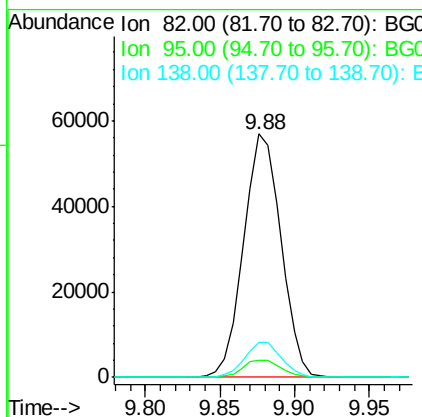
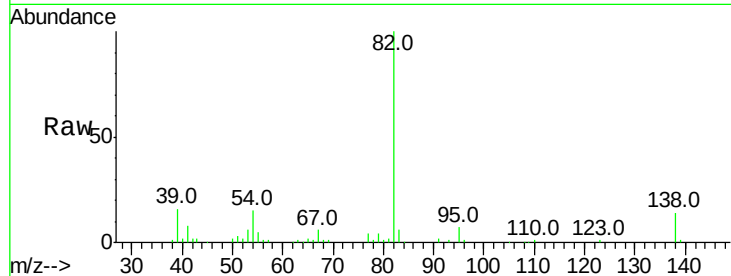
ClientSampleId :

PB88571BS

Tot Ion:	82	Resp:	98825
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	14.3	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.55 ng

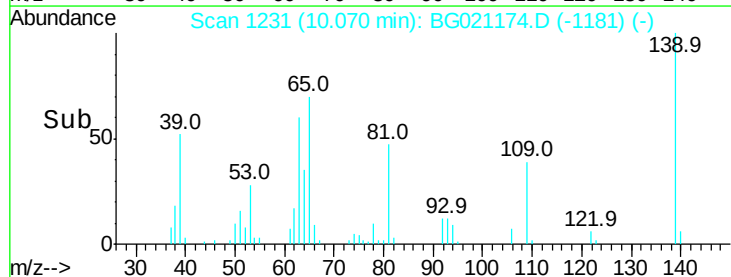
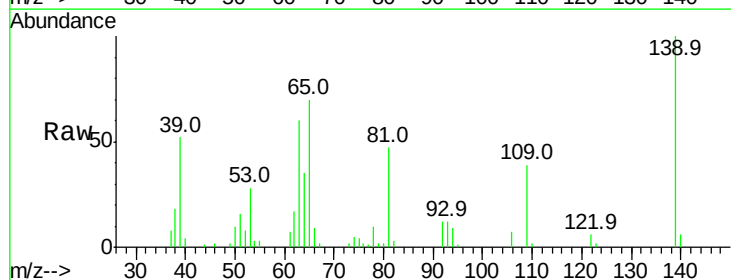
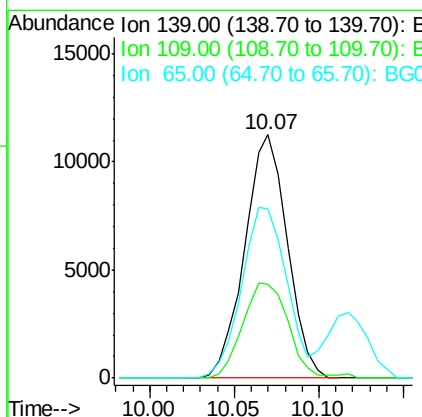
RT: 10.07 min Scan# 1231

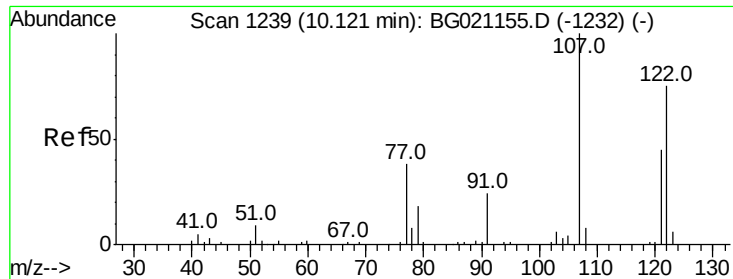
Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion:	139	Resp:	19760
Ion Ratio	Lower	Upper	
139	100		
109	38.6	21.4	32.0#
65	69.6	37.8	56.8#





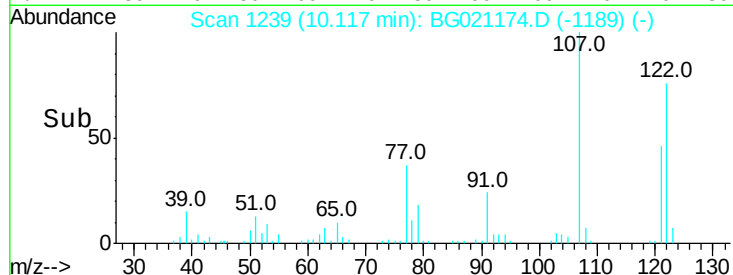
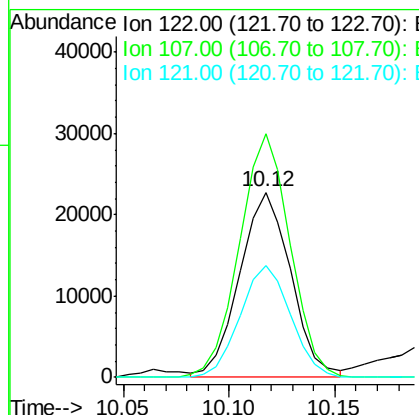
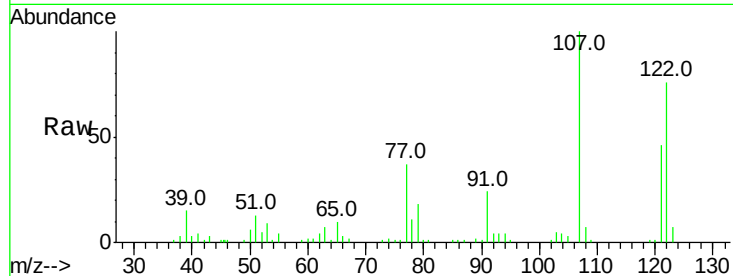
#27
 2,4-Dimethylphenol
 Concen: 45.57 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion:	122	Resp:	37967
Ion Ratio	Lower	Upper	
122	100		
107	131.4	94.1	141.1
121	60.1	45.9	68.9

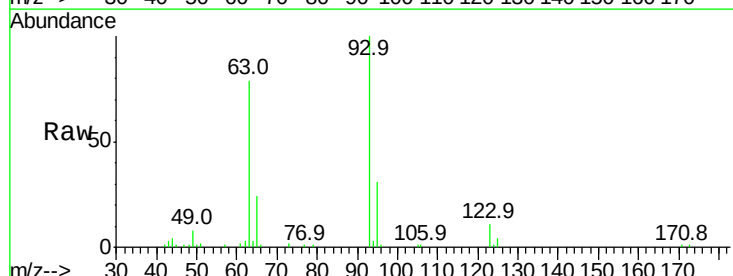
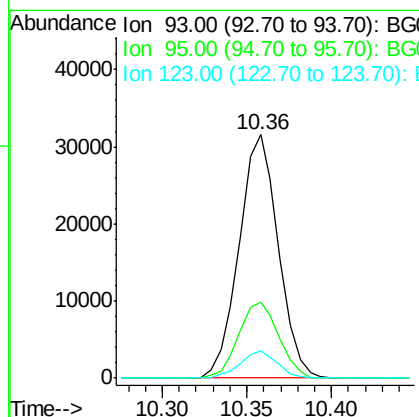
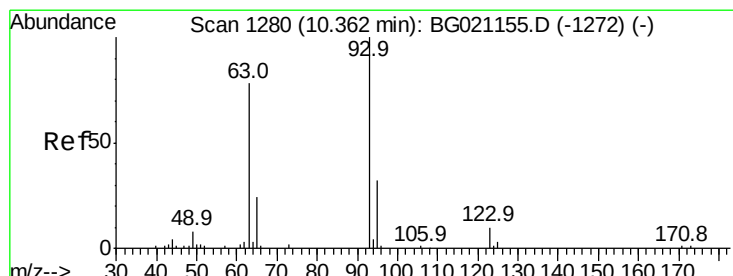
Manual Integrations
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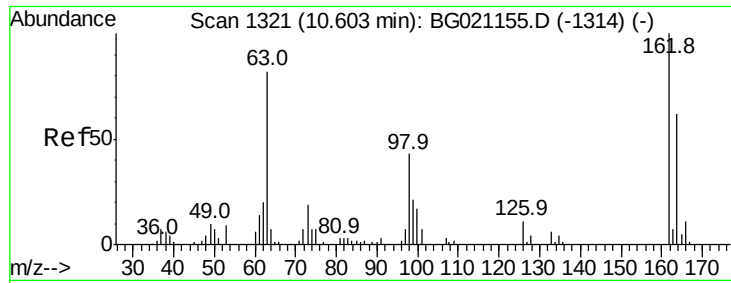
Sohil
 3/1/2016 3:02:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.18 ng
 RT: 10.36 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion:	93	Resp:	50744
Ion Ratio	Lower	Upper	
93	100		
95	31.4	24.2	36.2
123	11.0	9.0	13.6





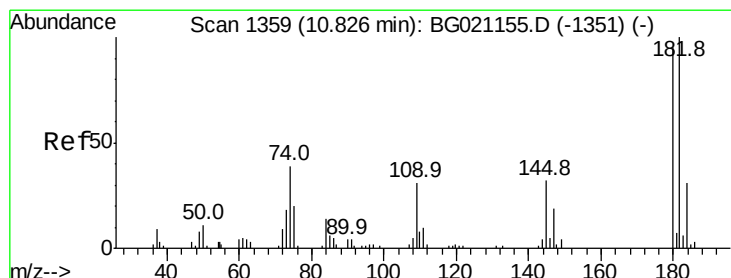
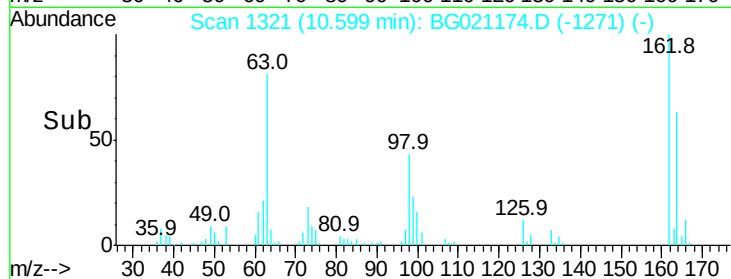
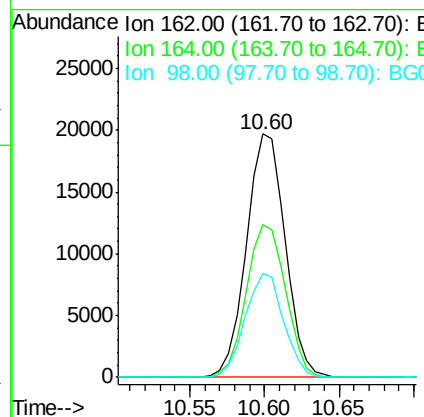
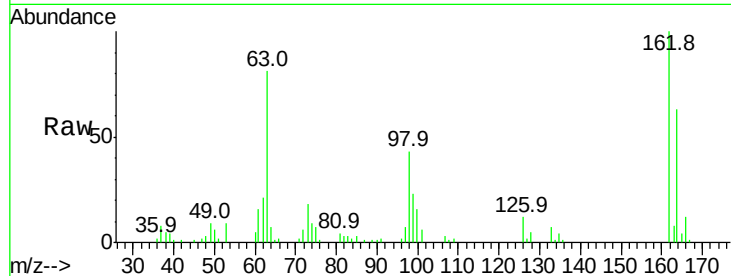
#29
 2,4-Dichlorophenol
 Concen: 47.05 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	35310		
164	62.9	43.7	83.7	
98	42.6	18.3	58.3	

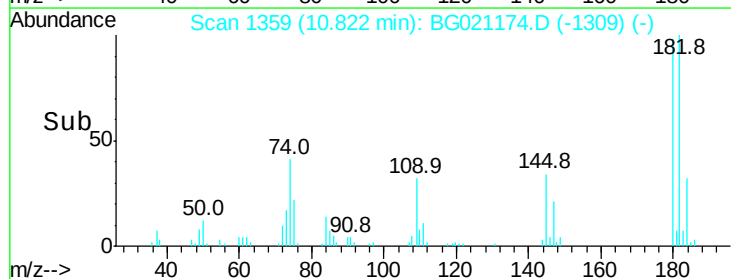
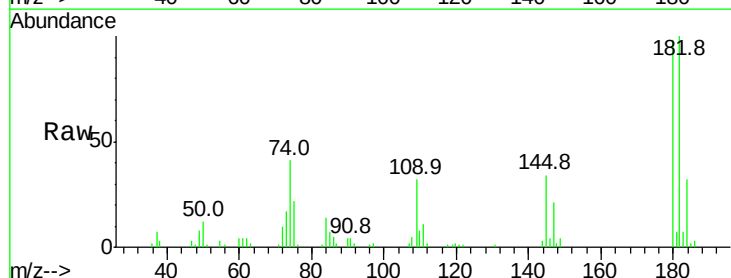
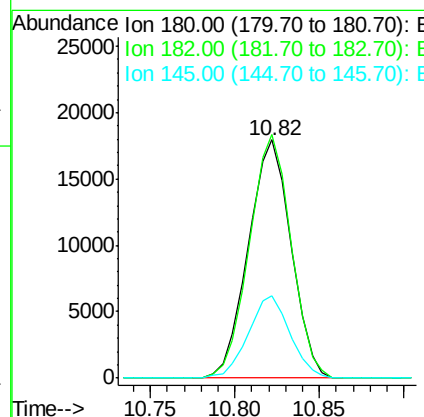
Manual Integrations
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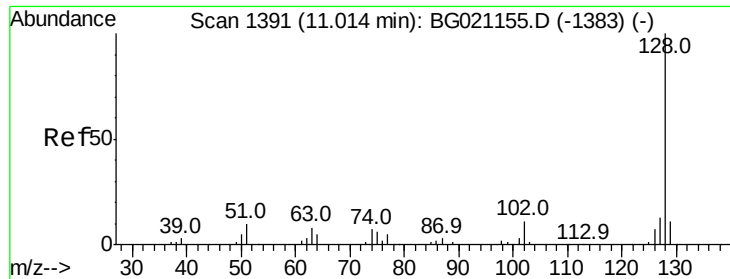
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.44 ng
 RT: 10.82 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	31367		
182	102.3	77.4	116.0	
145	34.4	25.7	38.5	





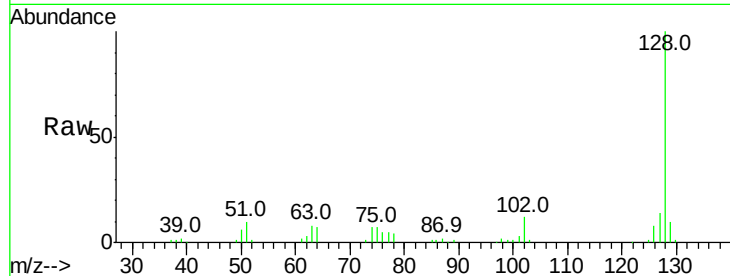
#31
Naphthalene
Concen: 41.92 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.4	9.4	14.2	
127	13.5	10.8	16.2	

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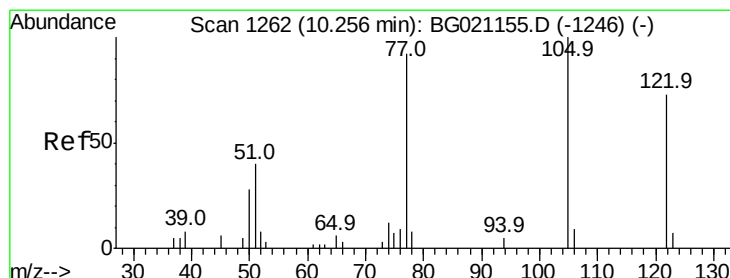
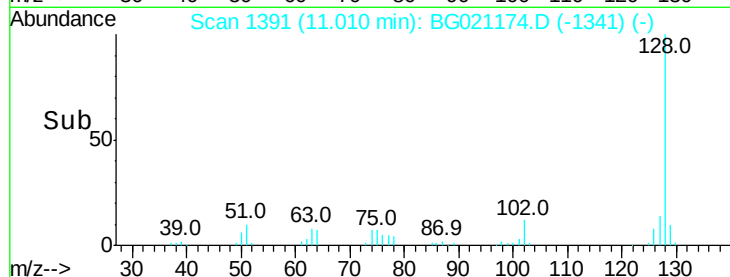
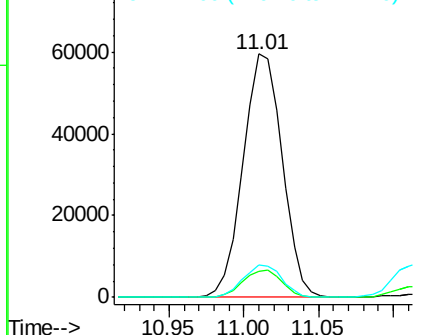


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.97 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

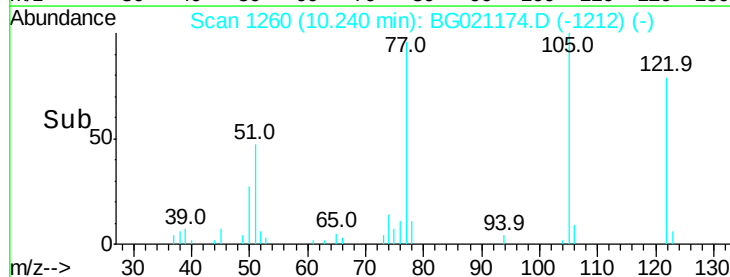
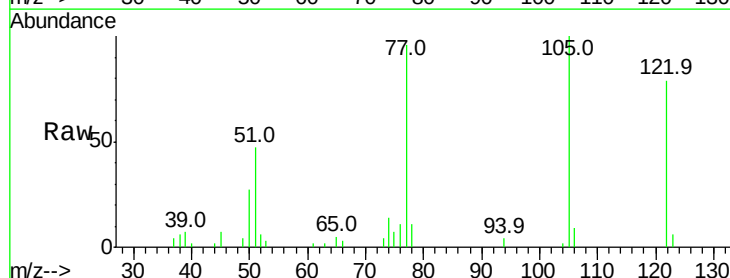
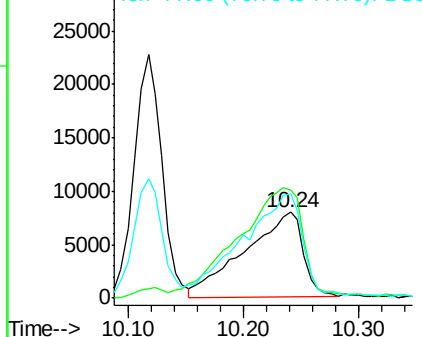
Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.0	98.7	138.7	
77	121.2	84.5	124.5	

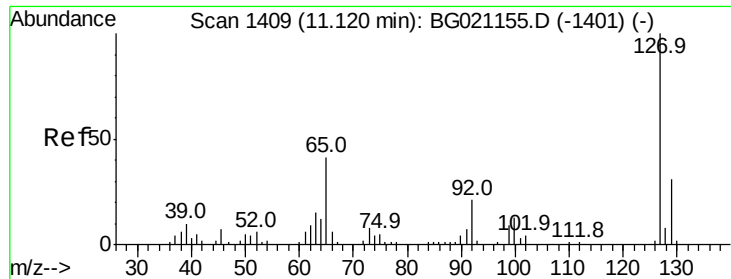
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





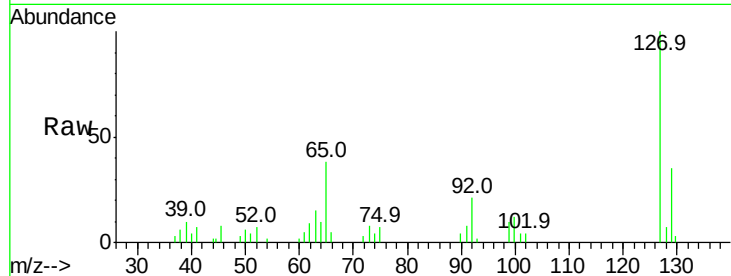
#33
4-Chloroaniline
Concen: 12.99 ng
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

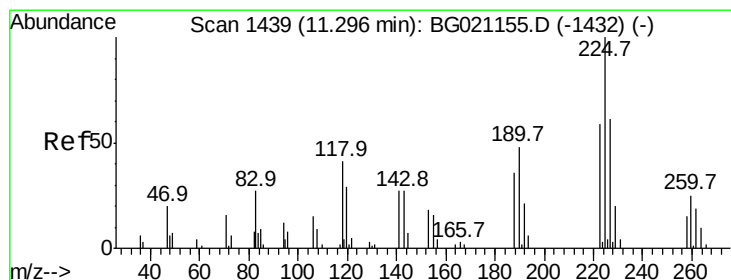
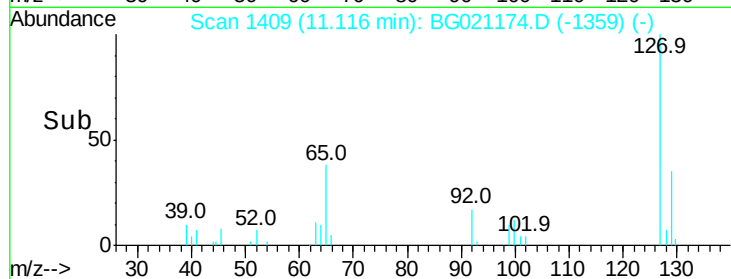
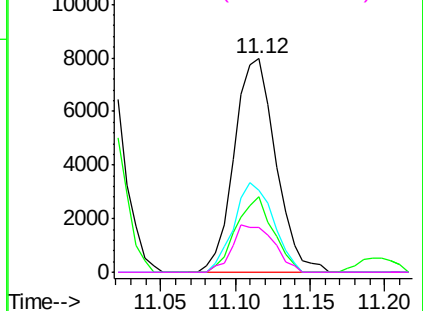
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	35.1	26.2	39.2	
65	38.2	22.9	34.3	
92	21.0	15.0	22.6	

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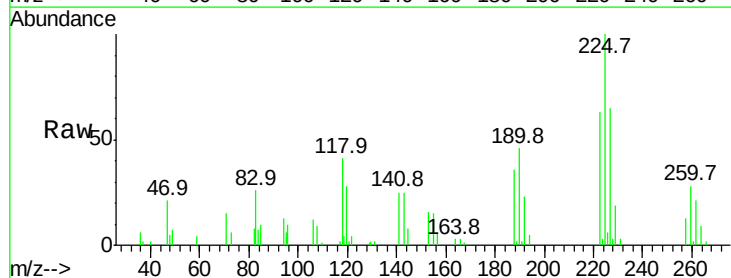


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

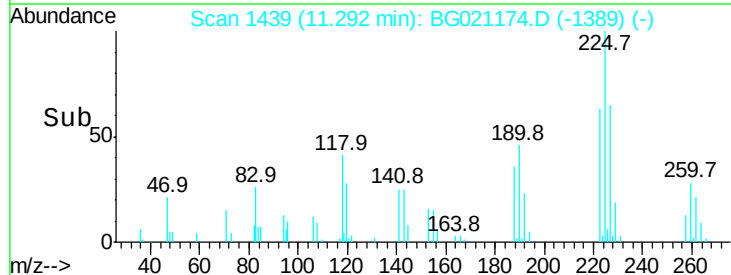
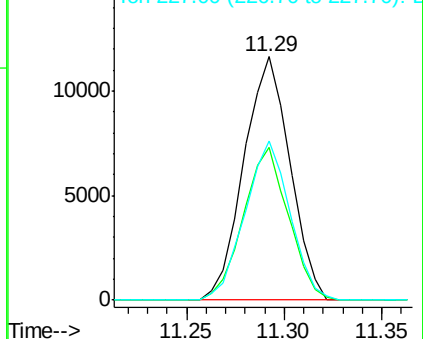


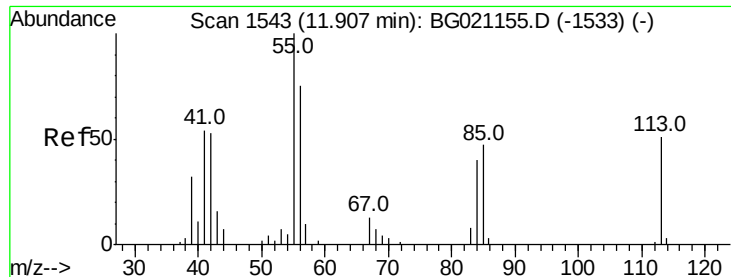
#34
Hexachlorobutadiene
Concen: 41.27 ng
RT: 11.29 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	54.6	82.0	
227	65.1	54.6	81.8	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.85 ng/ml

RT: 11.89 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

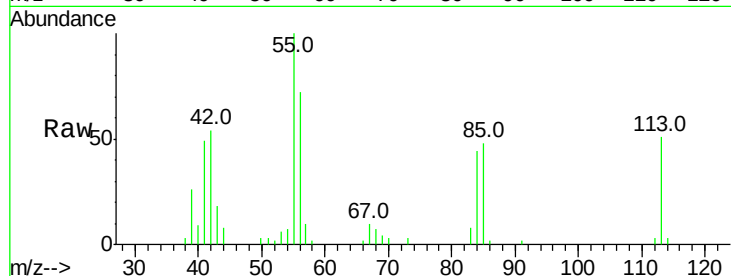
ClientSampleId :

PB88571BS

Tot Ion:	113	Resp:	15679
Ion Ratio	Lower	Upper	
113	100		
55	197.7	155.2	195.2#
56	141.5	94.0	134.0#

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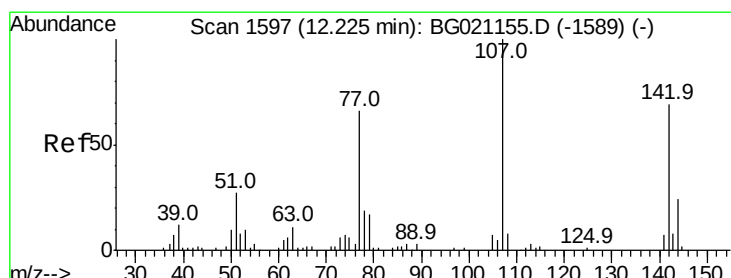
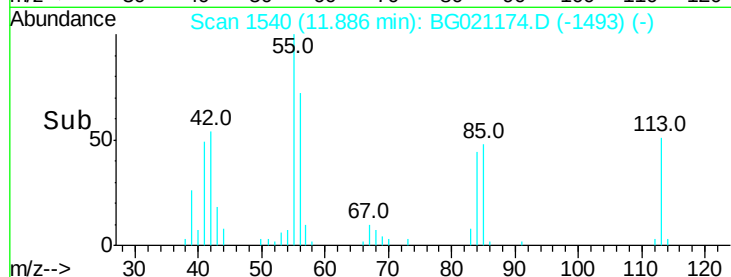
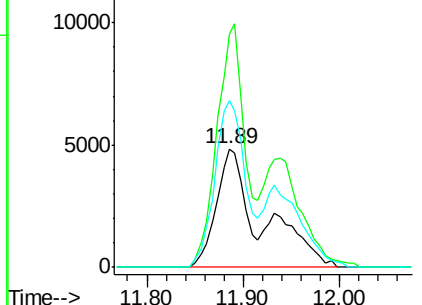
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG021155.D (-1533) (-)

Ion 56.00 (55.70 to 56.70): BG021155.D (-1533) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.43 ng/ml

RT: 12.21 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BG021174.D

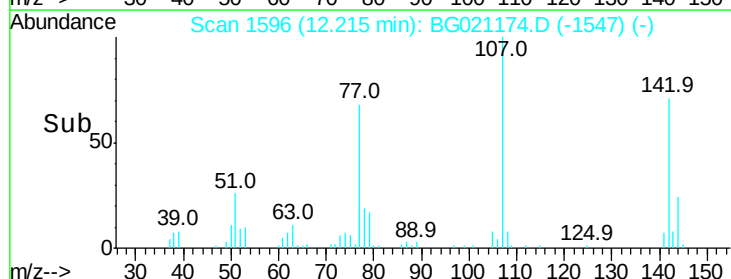
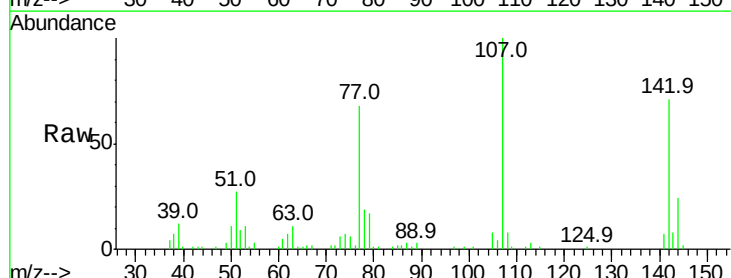
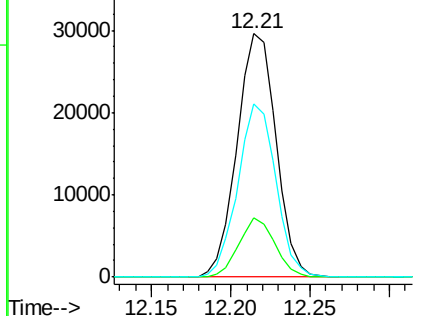
Acq: 1 Mar 2016 3:26

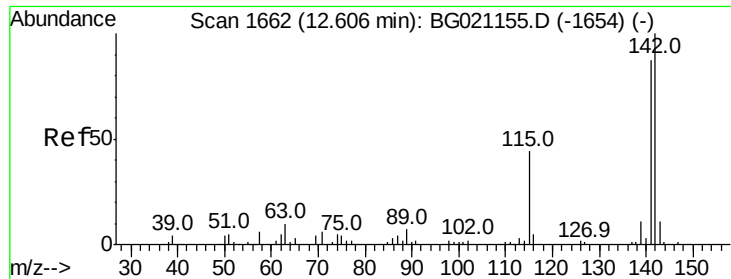
Tgt Ion:	107	Resp:	50587
Ion Ratio	Lower	Upper	
107	100		
144	24.1	21.8	32.8
142	71.4	65.6	98.4

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





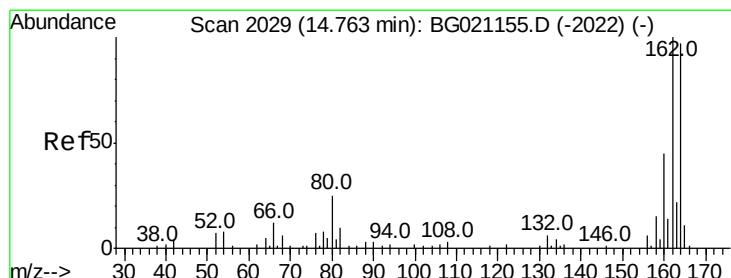
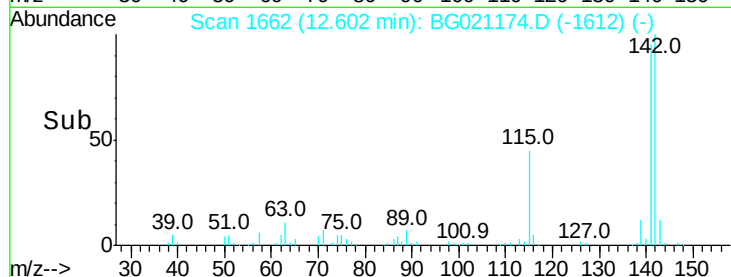
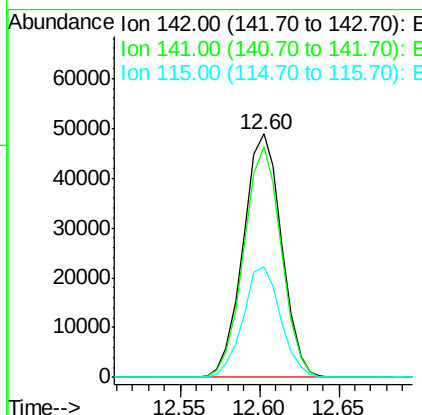
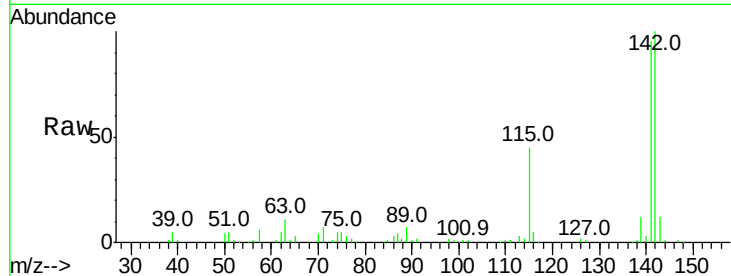
#37
2-Methylnaphthalene
Concen: 44.90 ng
RT: 12.60 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.9	71.7	107.5
115	45.2	26.2	39.4

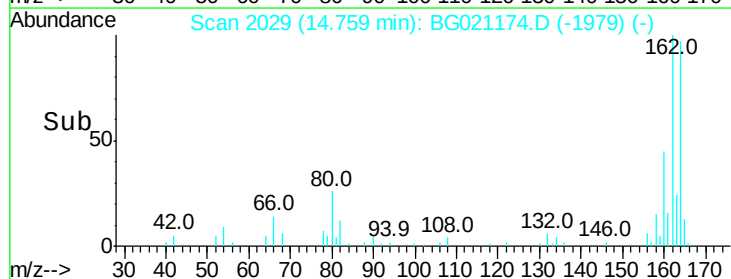
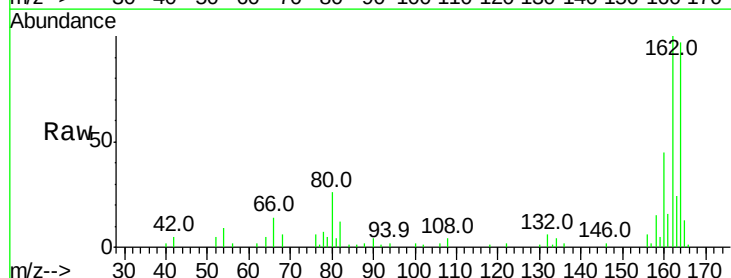
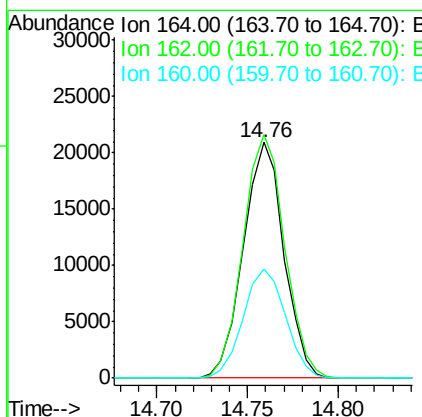
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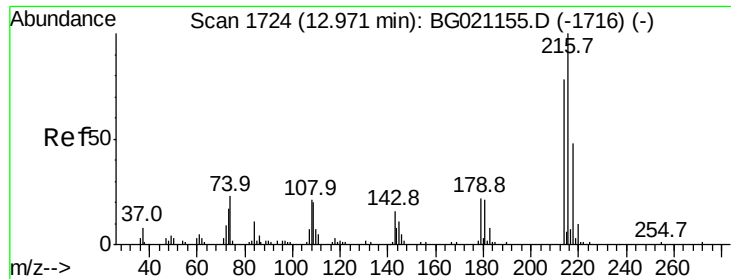
Sohil
3/1/2016 3:02:05 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	120.8
160	46.5	36.5	54.7





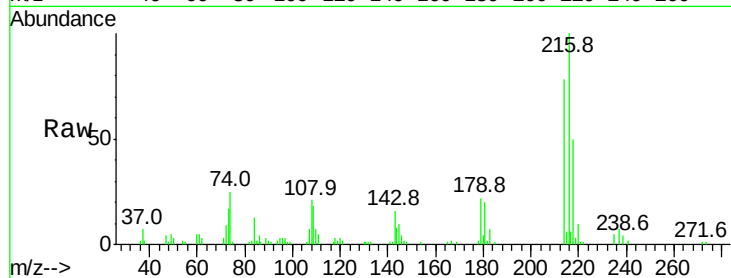
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.24 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	40092		
214	78.8	63.5	95.3	
179	21.8	17.4	26.0	
108	28.4	16.8	25.2	

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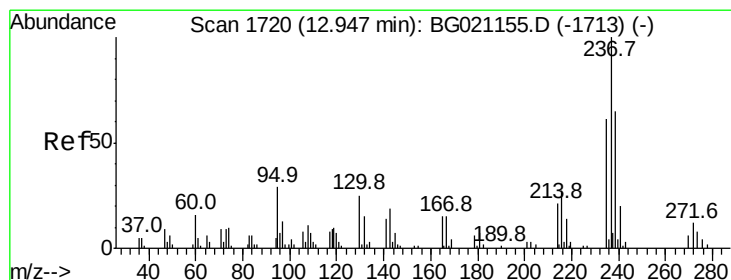
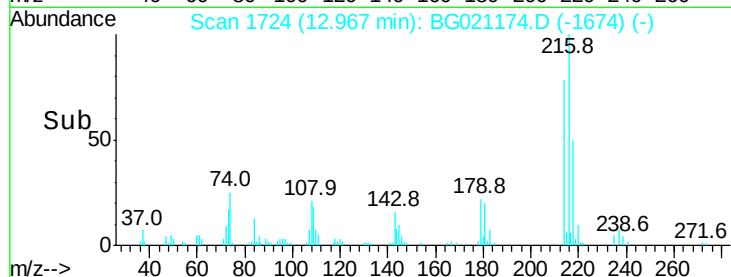
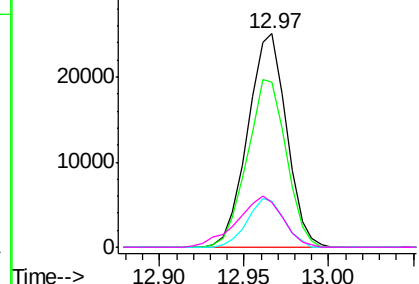
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

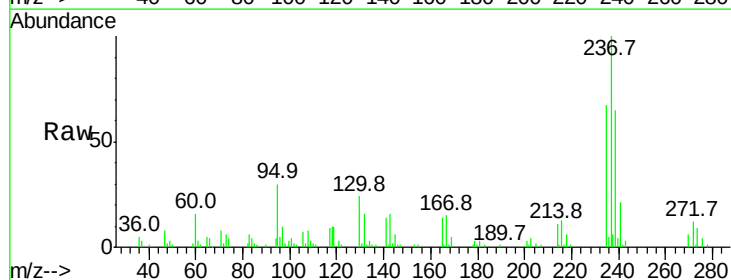
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 90.16 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	48066		
235	66.7	42.9	82.9	
272	11.8	0.0	32.3	

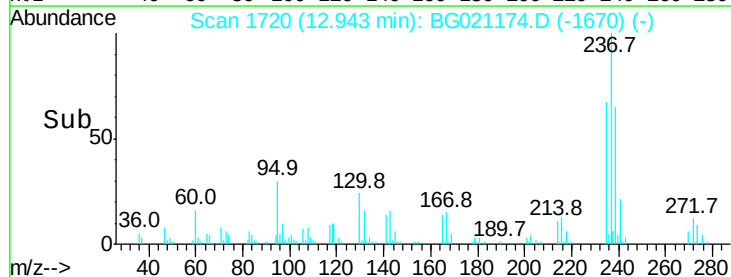
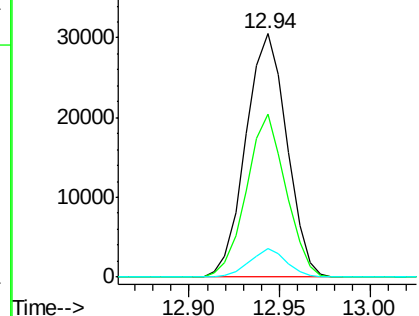


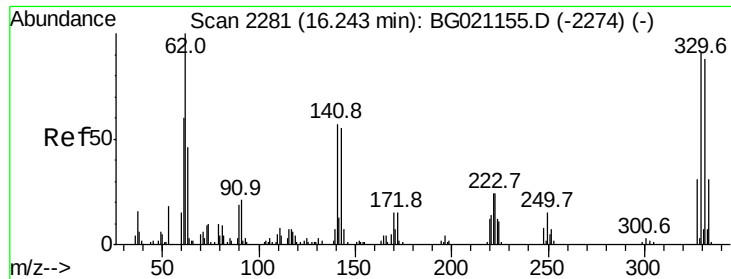
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 132.17 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

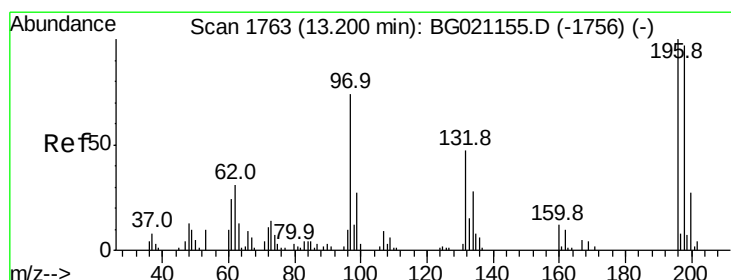
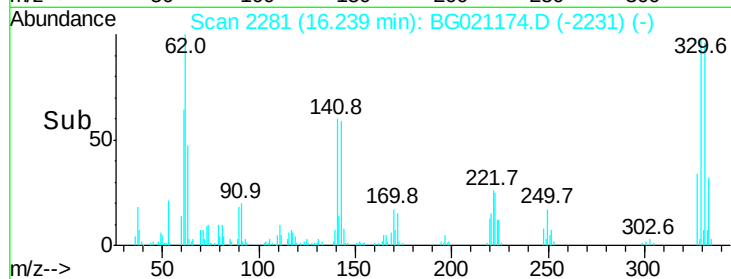
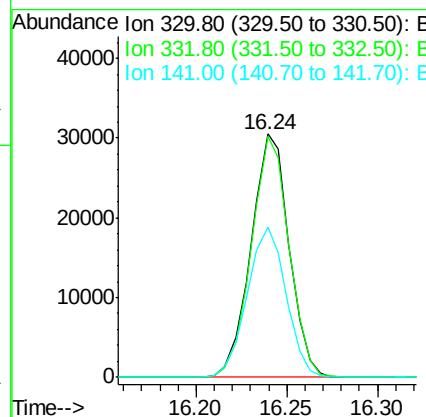
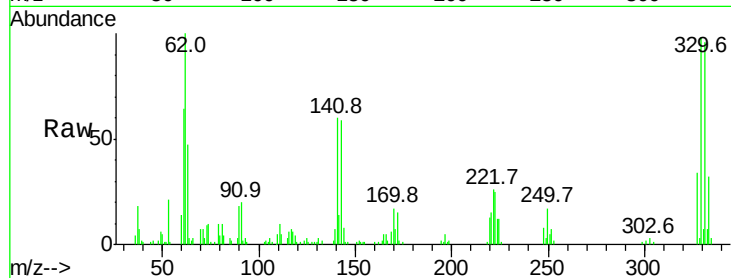
ClientSampleId :

PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	77.4	116.0	
141	63.0	35.3	52.9	

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 44.28 ng

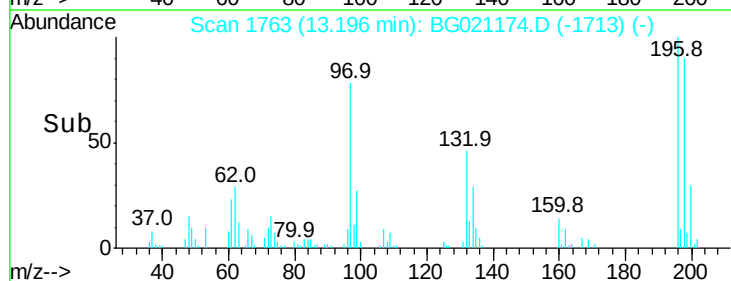
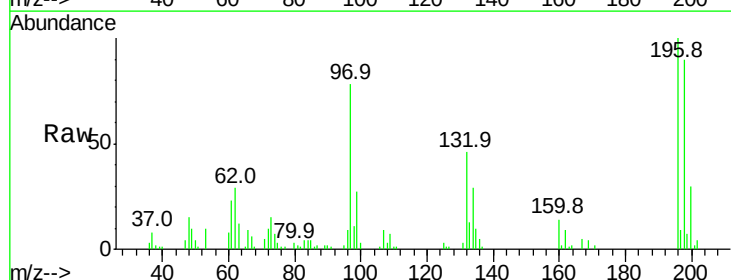
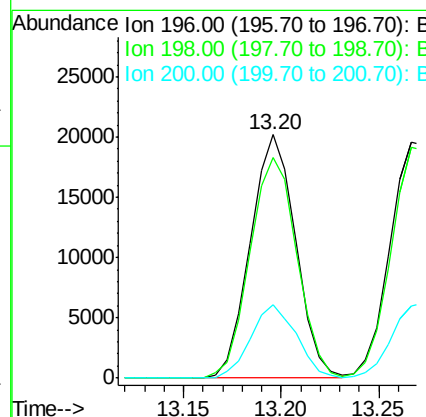
RT: 13.20 min Scan# 1763

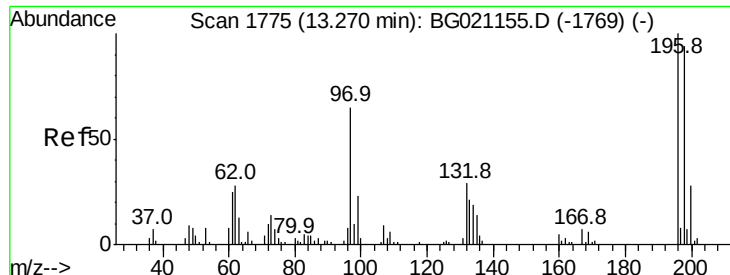
Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.4	75.8	113.8	
200	30.3	23.8	35.8	





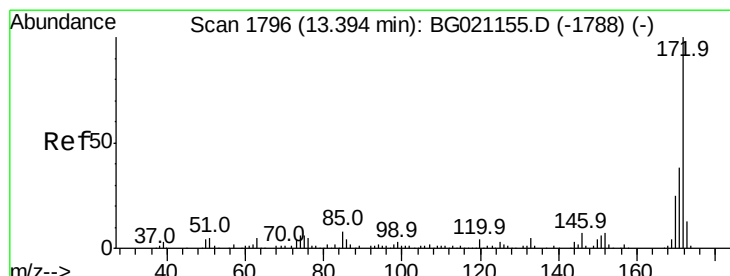
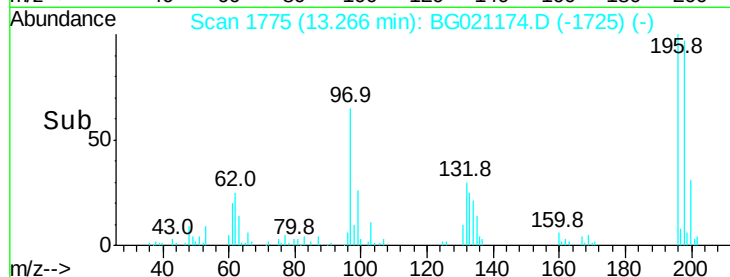
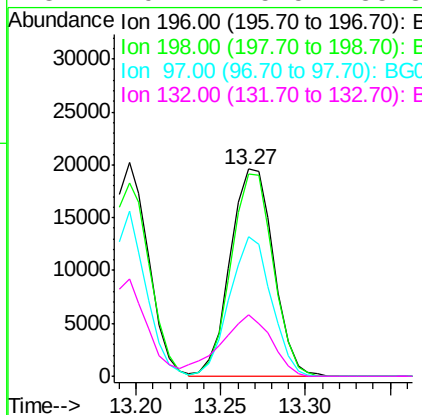
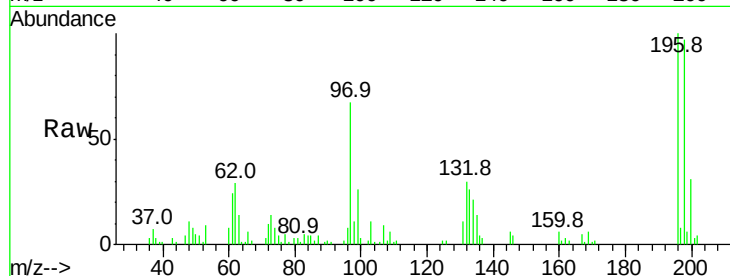
#43
2,4,5-Trichlorophenol
Concen: 44.88 ng
RT: 13.27 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	35047		
198	97.5	80.2	120.4	
97	67.3	42.9	64.3	
132	29.7	25.5	38.3	

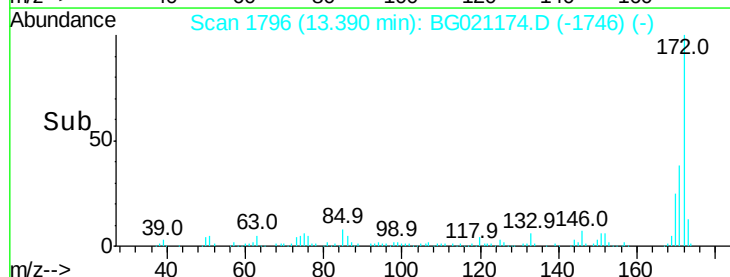
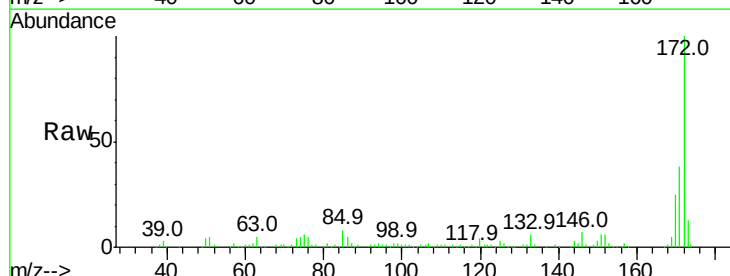
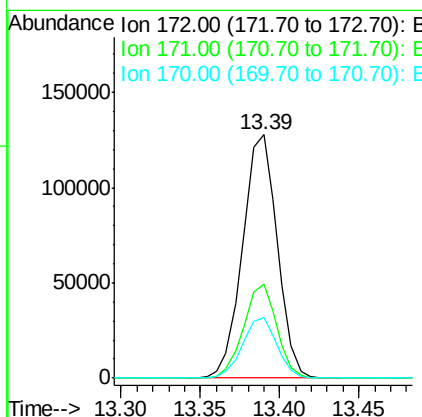
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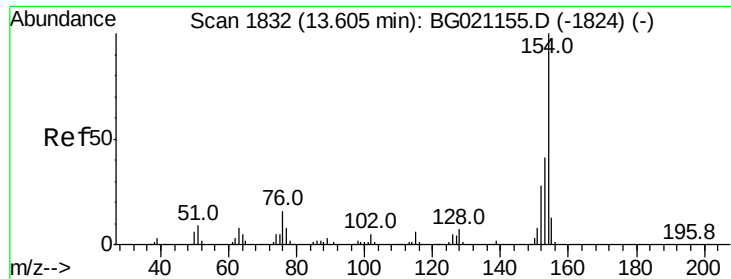
Sohil
3/1/2016 3:02:05 PM



#44
2-Fluorobiphenyl
Concen: 84.85 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	193481		
171	38.5	29.4	44.0	
170	24.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 41.47 ng

RT: 13.60 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

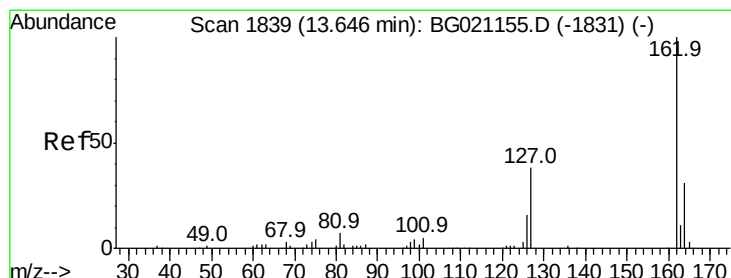
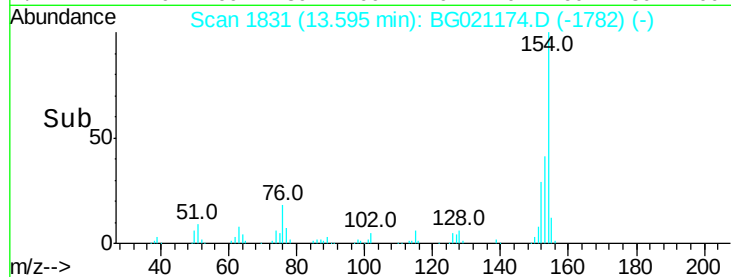
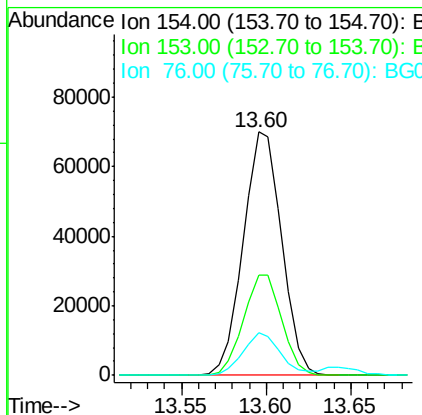
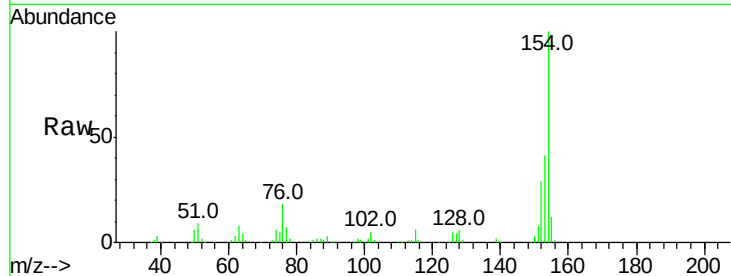
ClientSampleId :

PB88571BS

Tot Ion:	154	Resp:	110432
Ion Ratio	Lower	Upper	
154	100		
153	40.9	19.8	59.8
76	17.7	0.0	33.6

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#46

2-Chloronaphthalene

Concen: 42.90 ng

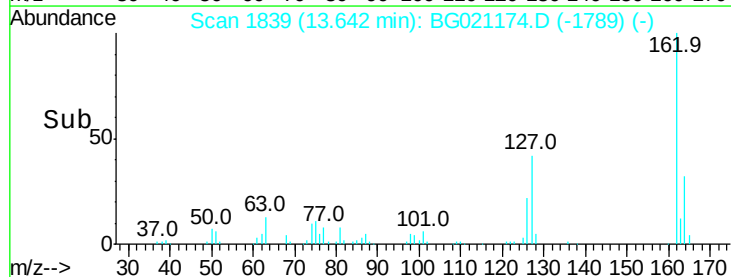
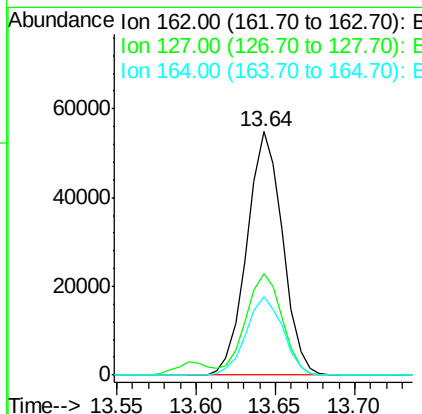
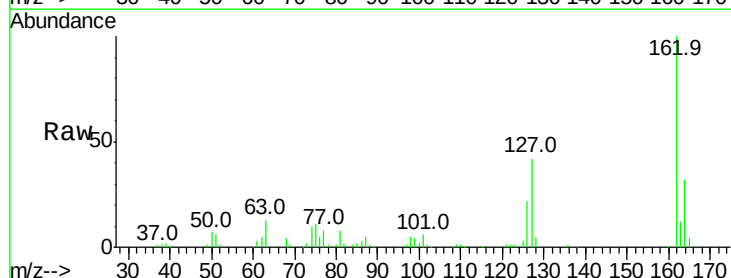
RT: 13.64 min Scan# 1839

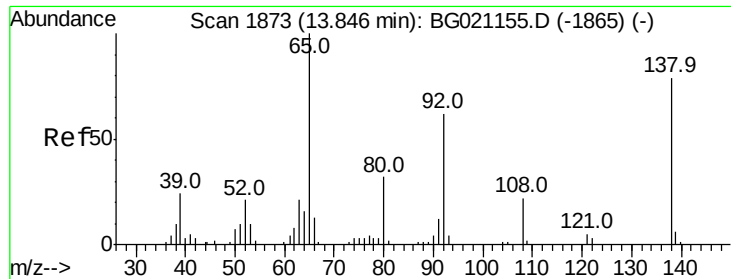
Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion:	162	Resp:	85749
Ion Ratio	Lower	Upper	
162	100		
127	41.8	31.8	47.8
164	32.4	26.3	39.5





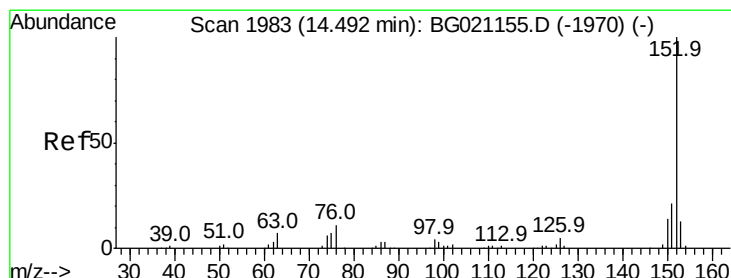
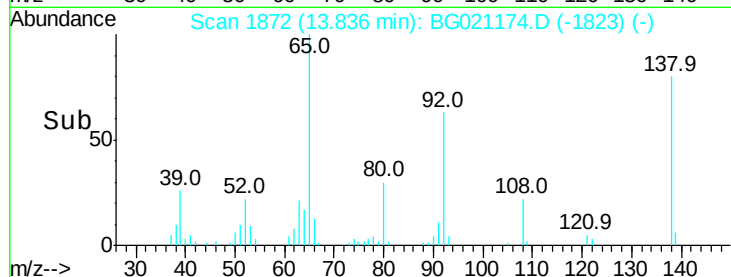
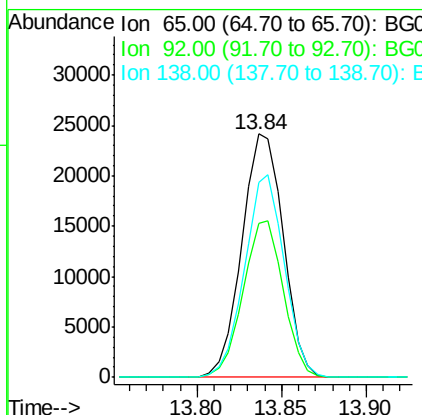
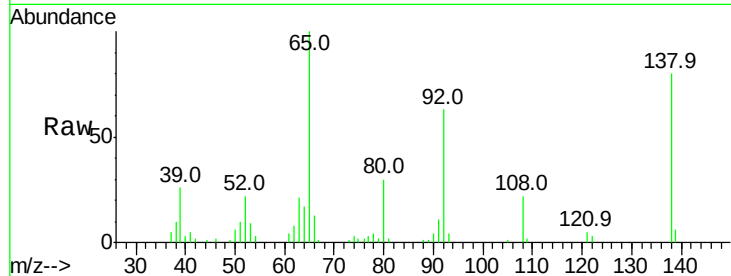
#47
2-Nitroaniline
Concen: 42.30 ng
RT: 13.84 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.1	54.6	82.0
138	79.8	94.9	142.3

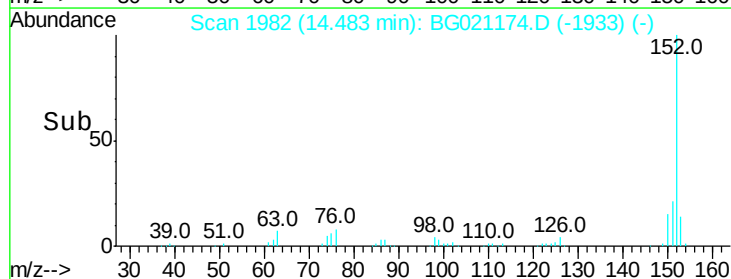
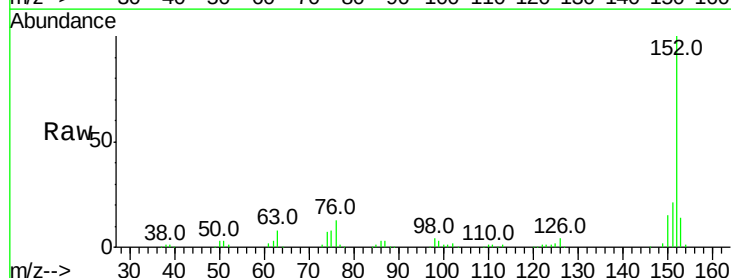
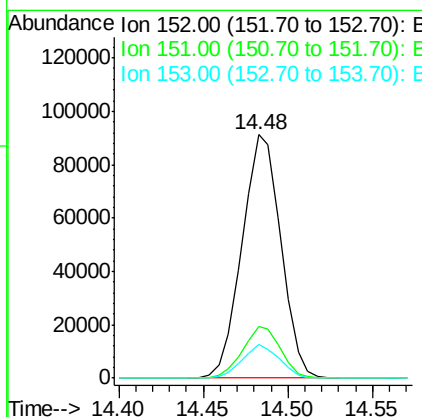
Manual Integrations
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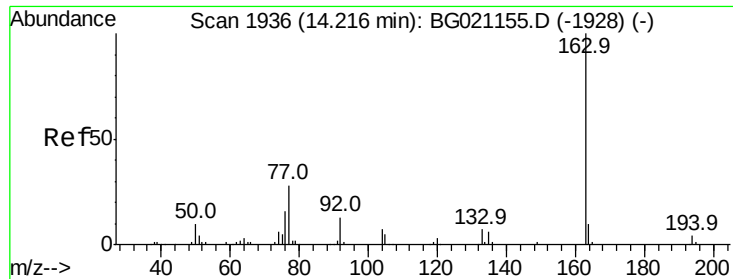
Sohil
3/1/2016 3:02:05 PM



#48
Acenaphthylene
Concen: 43.07 ng
RT: 14.48 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.9	23.9
153	14.0	10.2	15.2





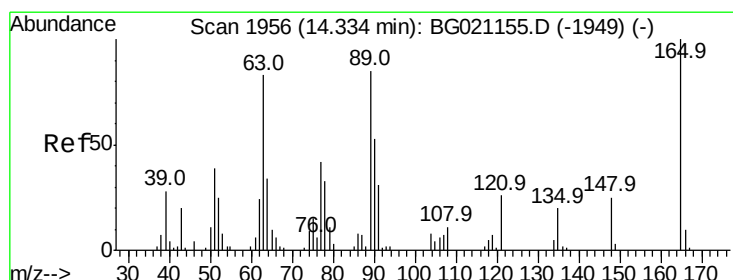
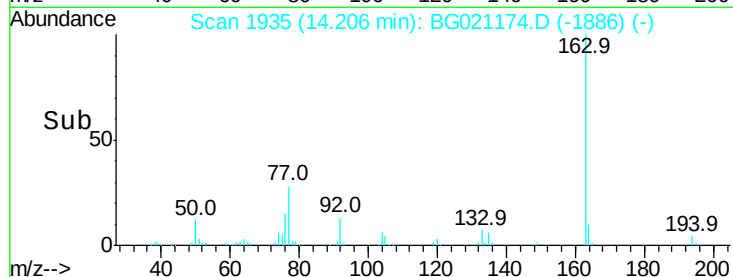
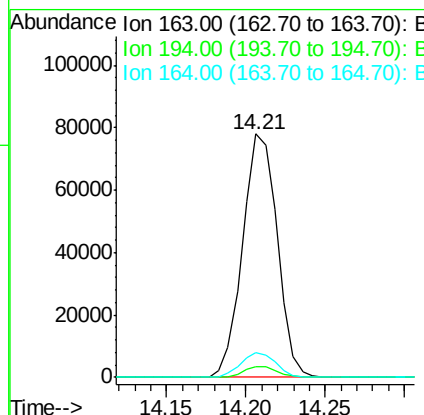
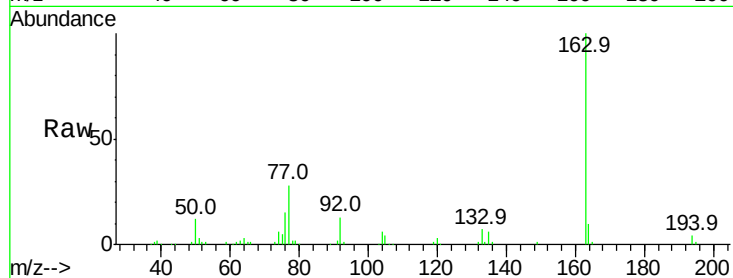
#49
Dimethylphthalate
Concen: 41.01 ng
RT: 14.21 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampled :
PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.8	4.2#	
164	10.4	7.9	11.9	

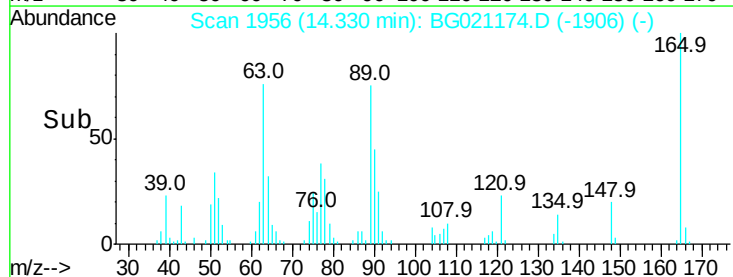
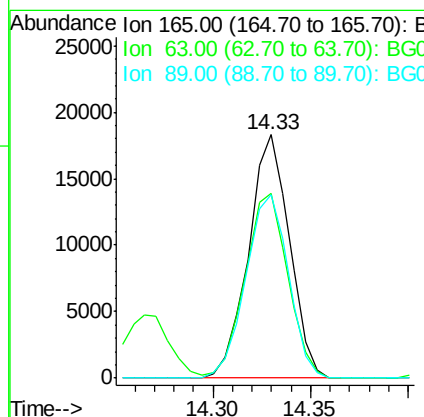
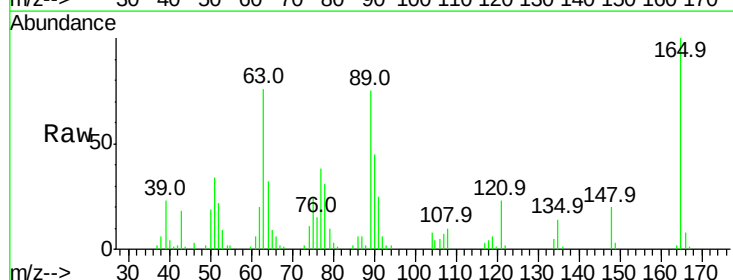
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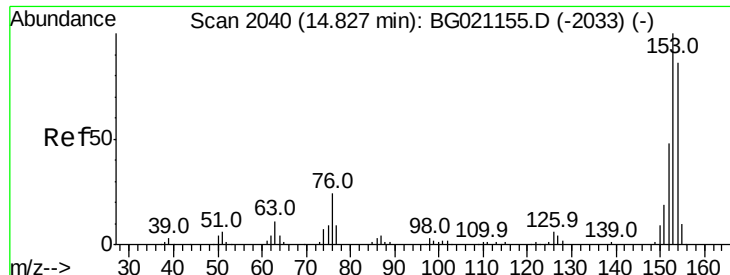
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.97 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	75.6	42.1	63.1#	
89	75.3	46.1	69.1#	





#51

Acenaphthene

Concen: 41.66 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

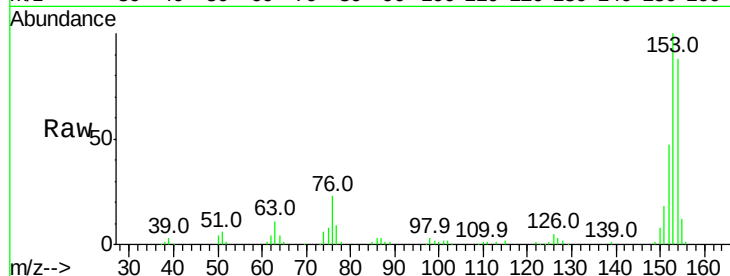
ClientSampleId :

PB88571BS

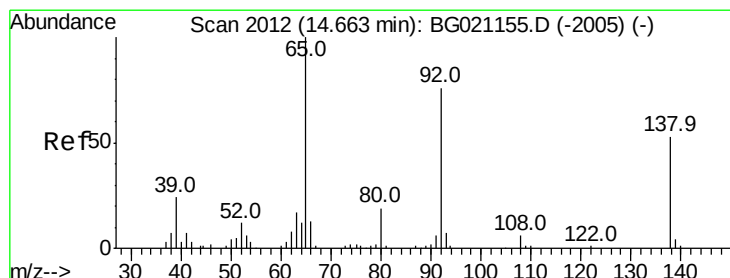
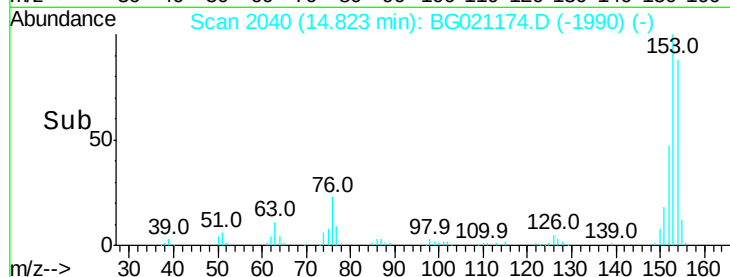
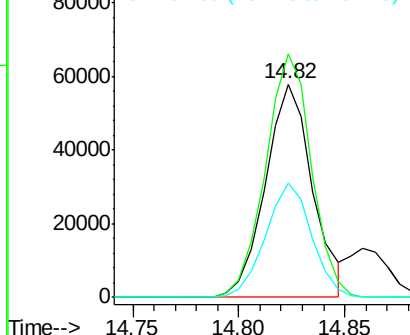
Tot Ion:	154	Resp:	89507
Ion Ratio	Lower	Upper	
154	100		
153	114.1	94.2	141.2
152	53.6	42.9	64.3

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



#52

3-Nitroaniline

Concen: 24.91 ng

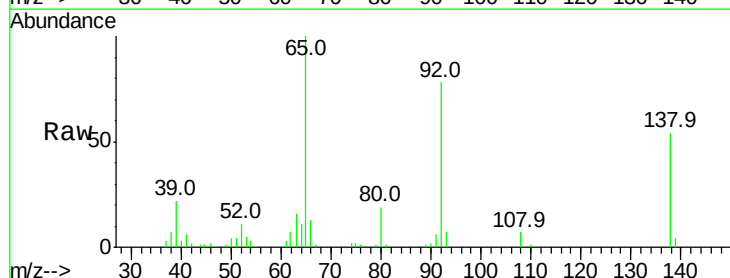
RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

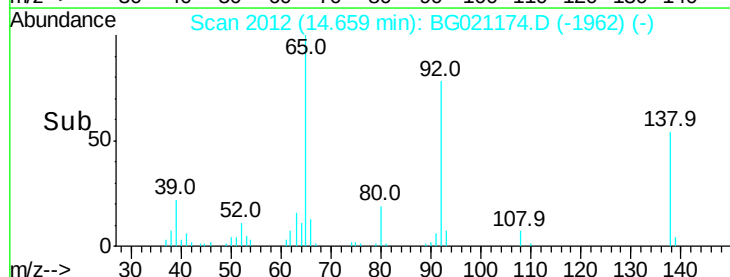
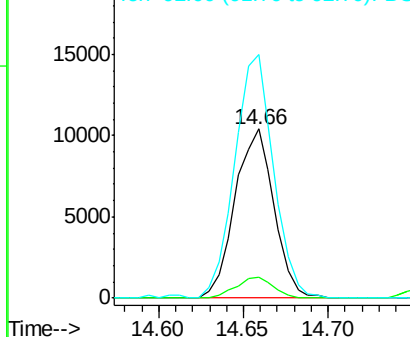
Lab File: BG021174.D

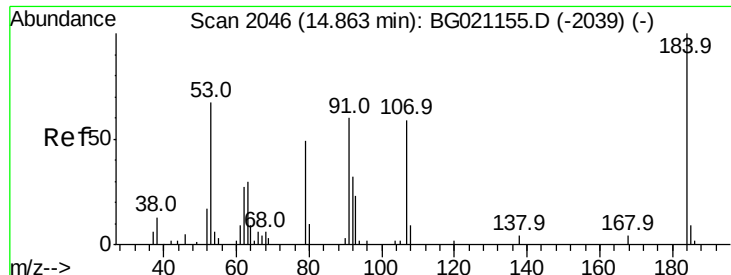
Acq: 1 Mar 2016 3:26

Tgt Ion:	138	Resp:	16685
Ion Ratio	Lower	Upper	
138	100		
108	12.2	5.8	8.6#
92	143.9	83.6	125.4#



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





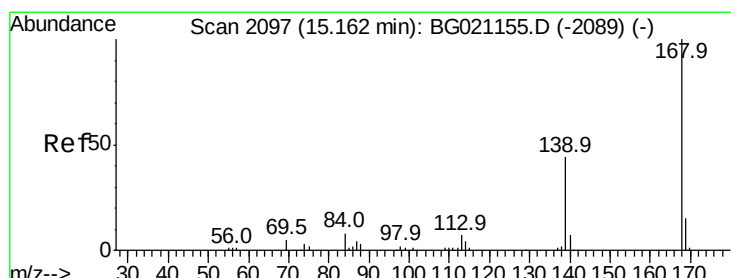
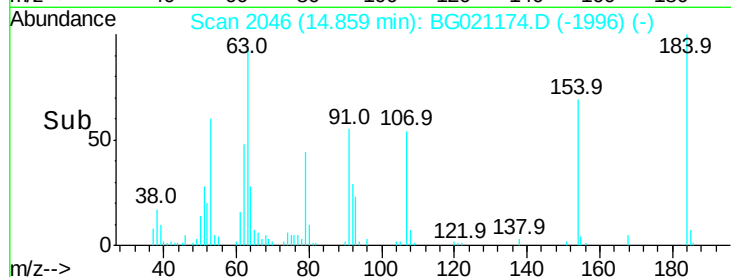
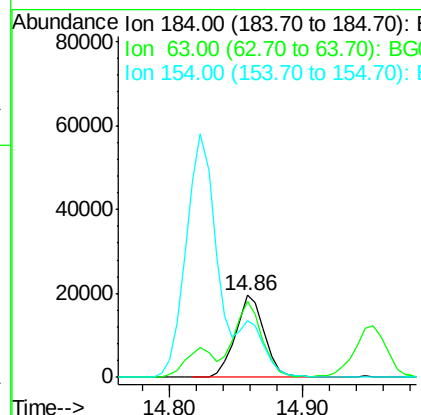
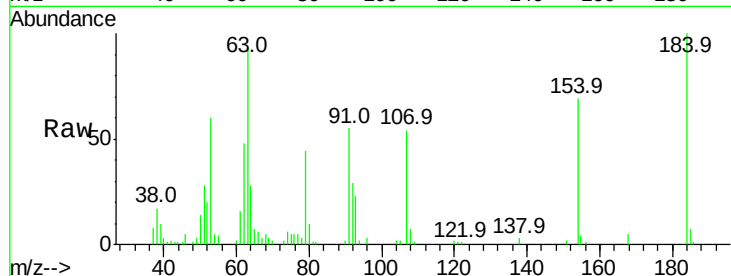
#53
 2,4-Dinitrophenol
 Concen: 84.41 ng
 RT: 14.86 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	92.9	57.0	85.6#	
154	68.8	51.3	76.9	

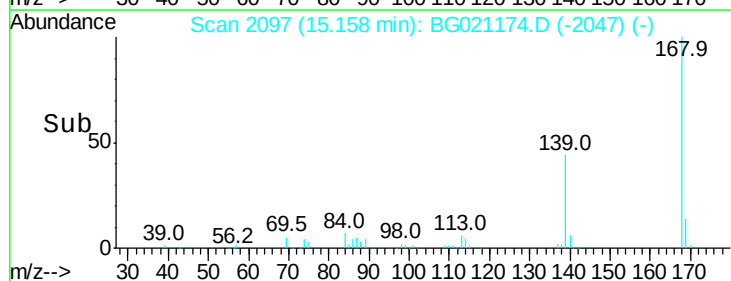
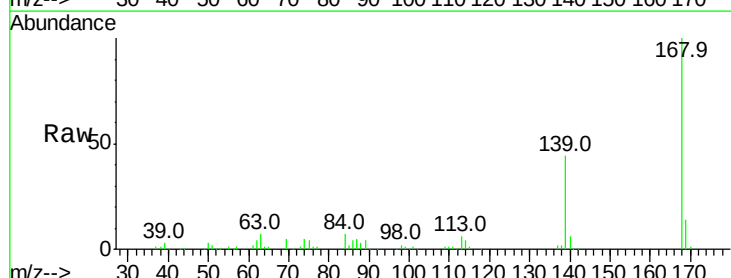
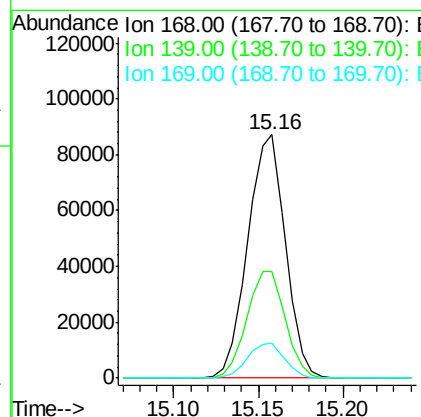
Manual Integrations
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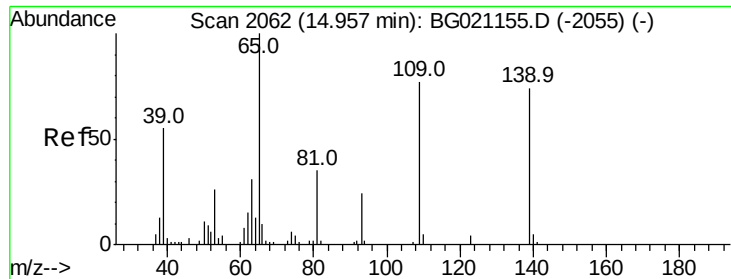
Sohil
 3/1/2016 3:02:05 PM



#54
 Dibenzofuran
 Concen: 47.13 ng
 RT: 15.16 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.0	29.8	44.8	
169	14.3	11.4	17.2	





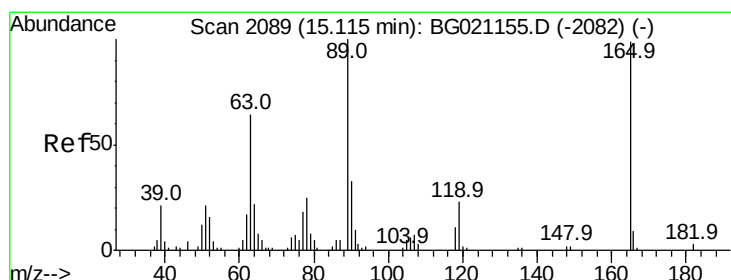
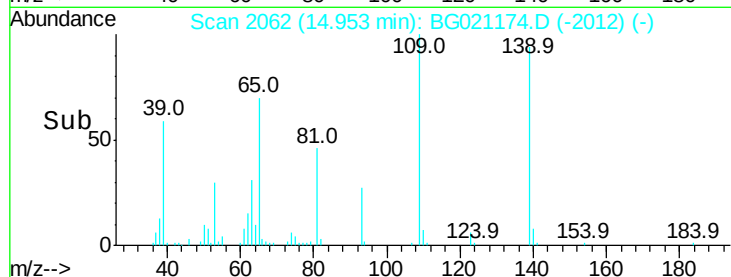
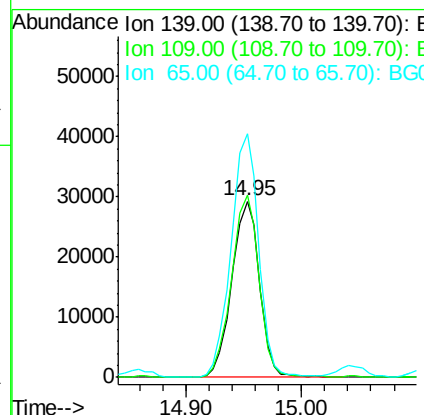
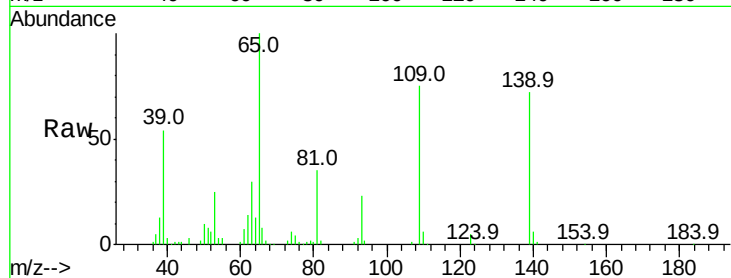
#55
4-Nitrophenol
Concen: 87.23 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	103.1	54.1	94.1#	
65	138.1	73.4	113.4#	

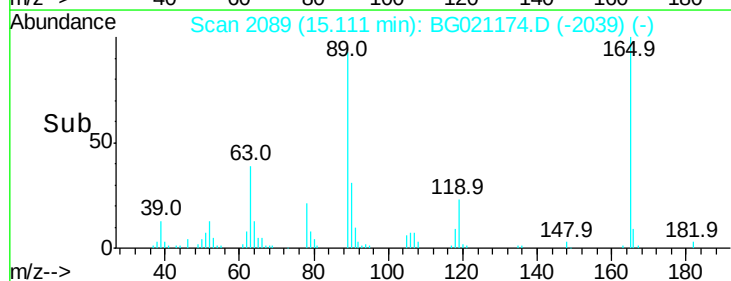
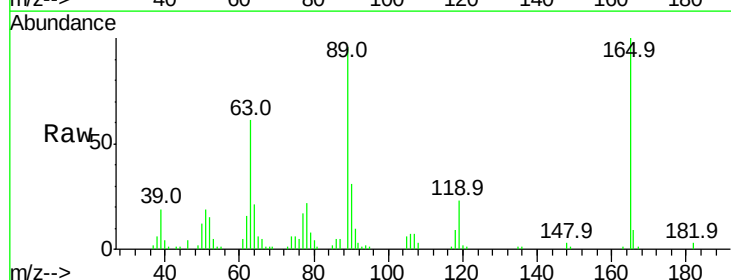
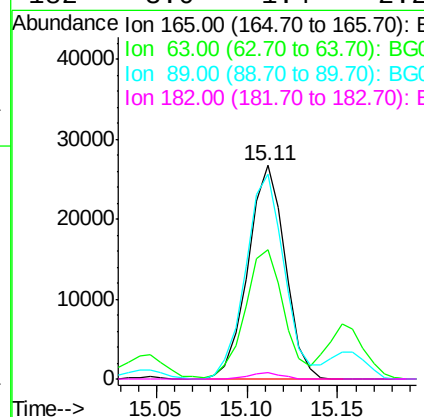
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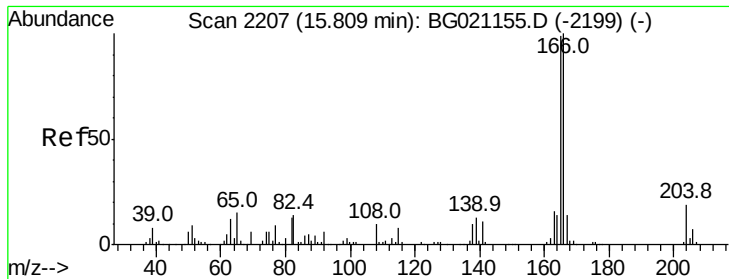
Sohil
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#56
2,4-Dinitrotoluene
Concen: 43.90 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.6	34.1	51.1#	
89	95.7	63.0	94.4#	
182	3.0	1.4	2.2#	





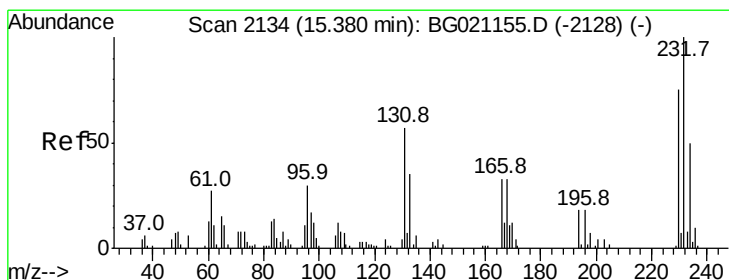
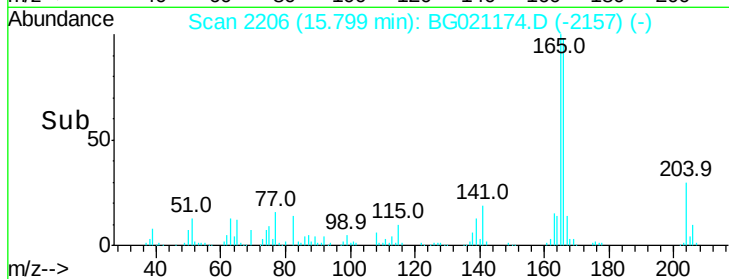
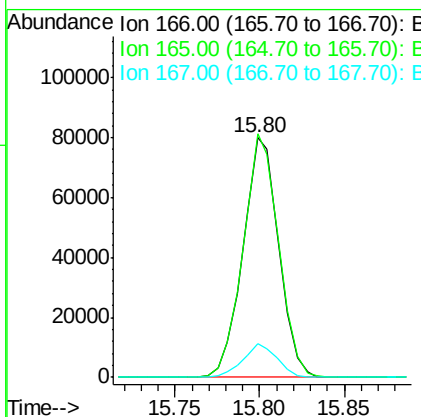
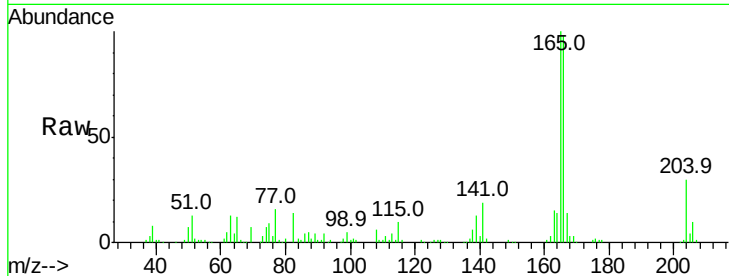
#57
Fluorene
 Concen: 42.90 ng
 RT: 15.80 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion:	166	Resp:	117268
Ion Ratio	Lower	Upper	
166	100		
165	101.6	81.3	121.9
167	14.0	10.6	16.0

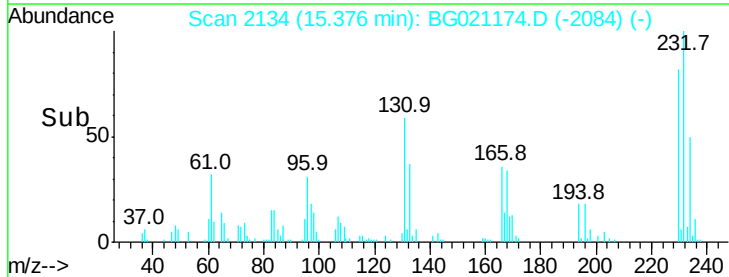
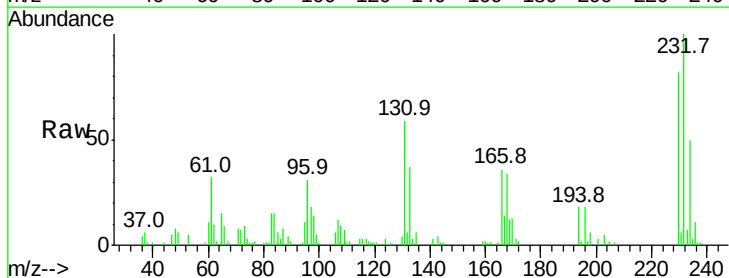
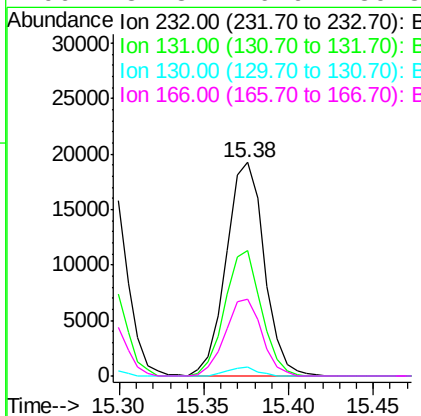
Manual Integrations
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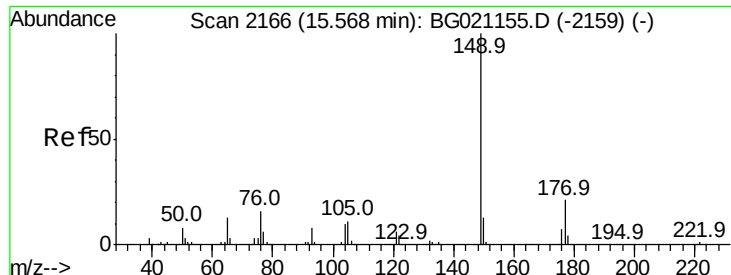
Sohil
 3/1/2016 3:02:05 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.40 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion:	232	Resp:	30229
Ion Ratio	Lower	Upper	
232	100		
131	56.0	41.4	62.2
130	3.2	1.8	2.8#
166	34.8	26.6	39.8





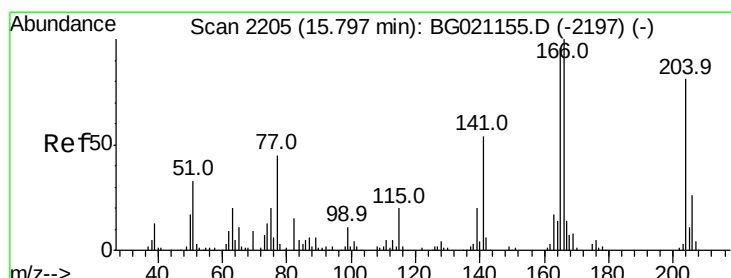
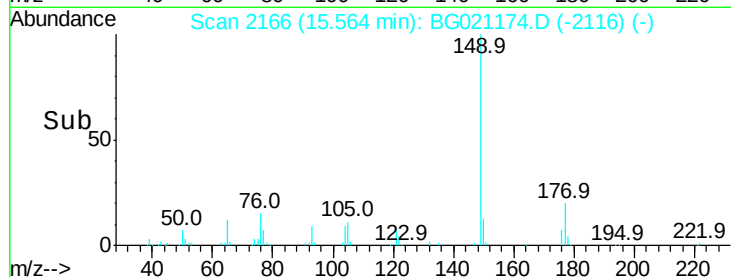
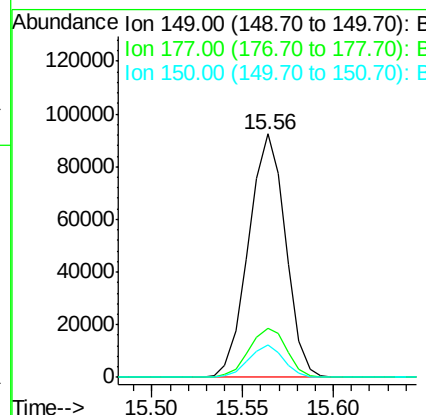
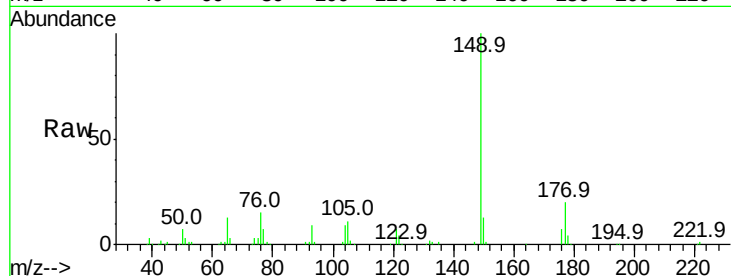
#59
Diethylphthalate
Concen: 41.25 ng
RT: 15.56 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	20.2	15.8	23.8
150	13.1	10.1	15.1

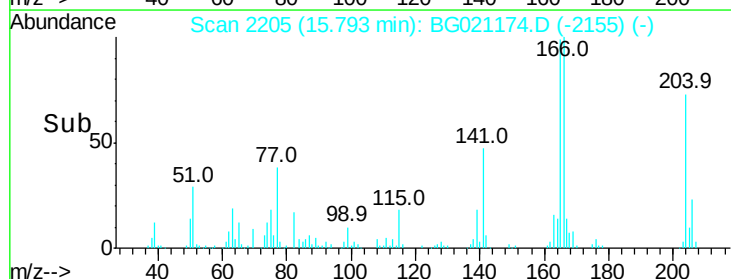
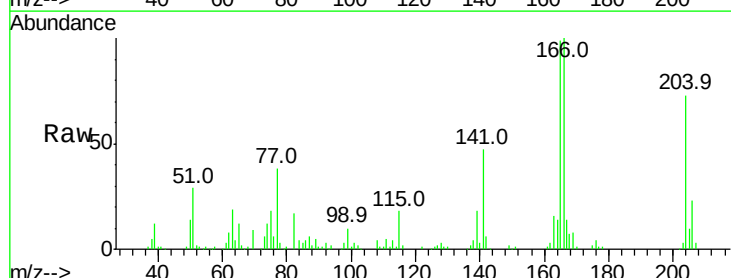
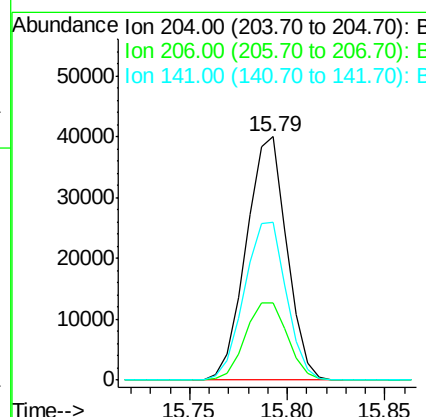
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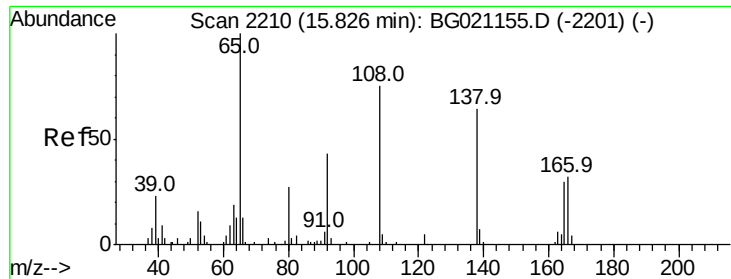
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#60
4-Chlorophenyl-phenylether
Concen: 42.22 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	31.6	26.9	40.3
141	64.9	50.8	76.2





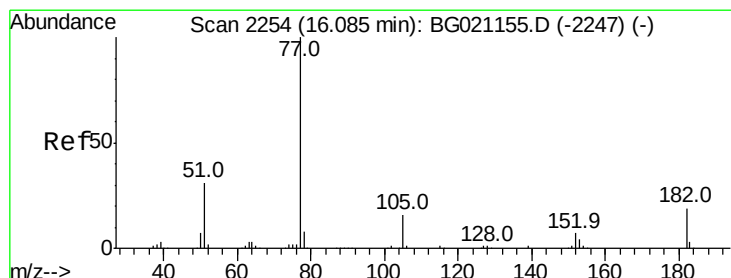
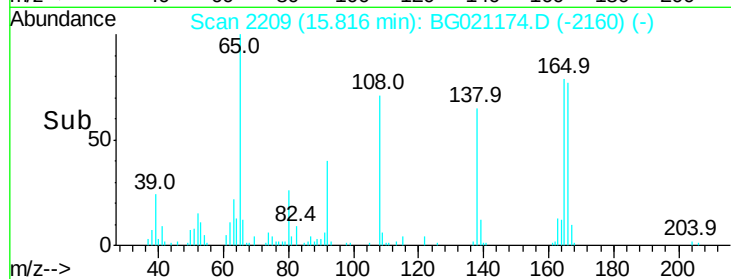
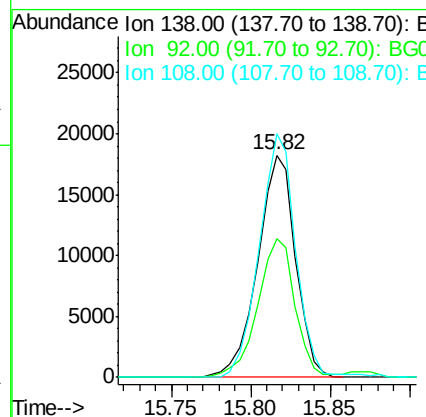
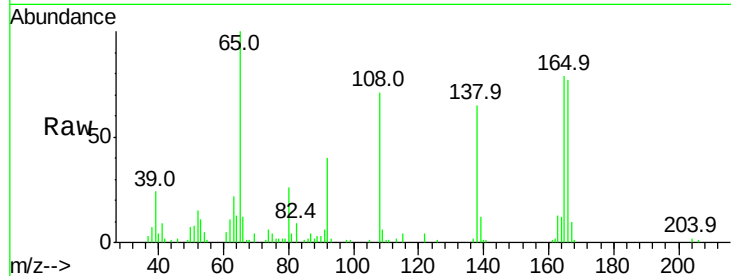
#61
4-Nitroaniline
Concen: 42.17 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampled :
PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	62.4	28.0	68.0	
108	109.7	52.6	92.6	

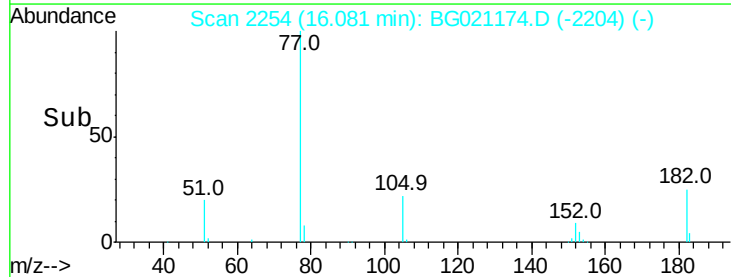
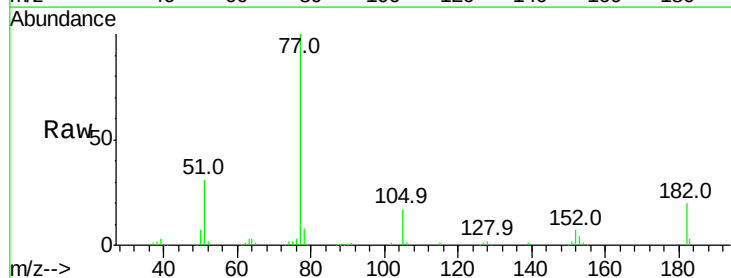
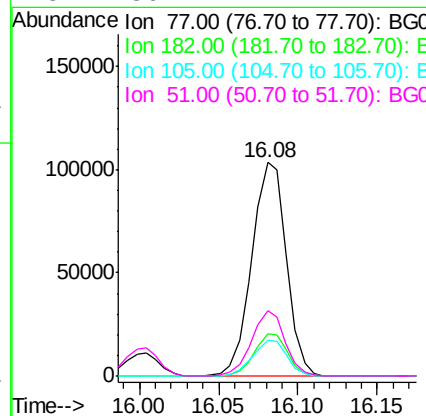
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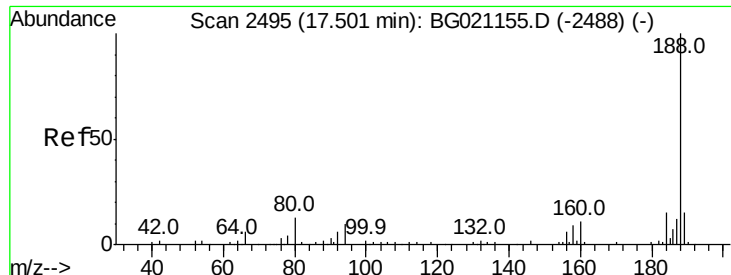
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#62
Azobenzene
Concen: 45.80 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	19.5	0.7	40.7	
105	17.0	0.0	38.3	
51	30.7	4.4	44.4	





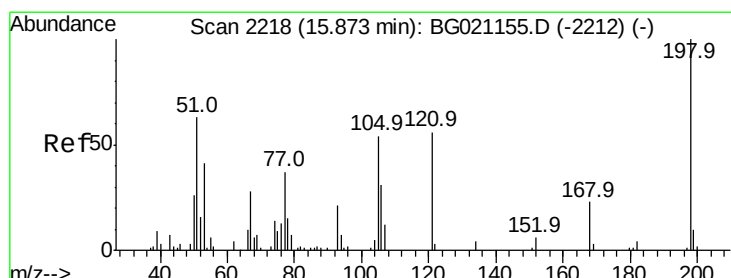
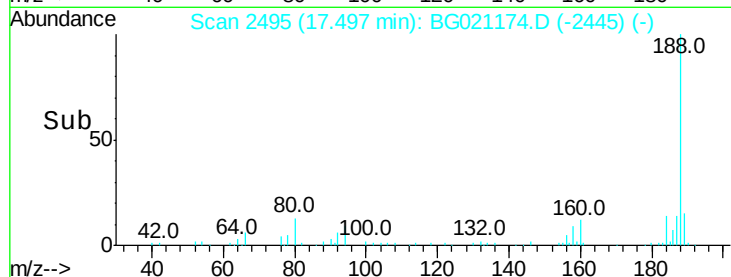
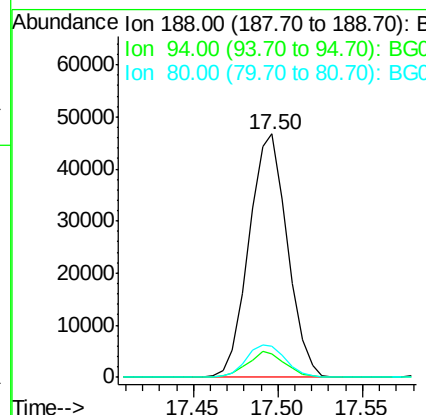
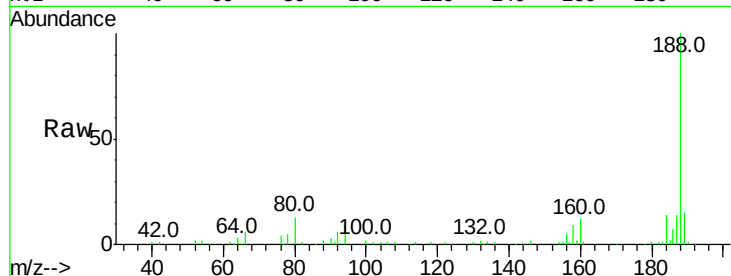
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	8.2	12.4
80	12.7	9.2	13.8

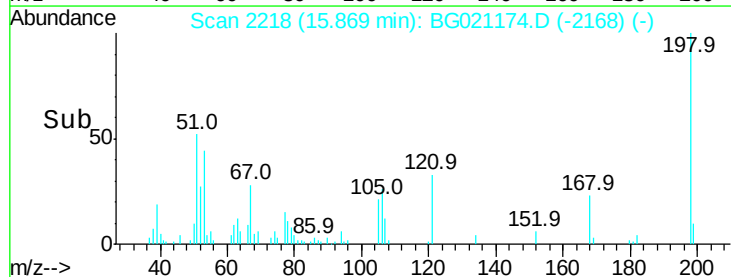
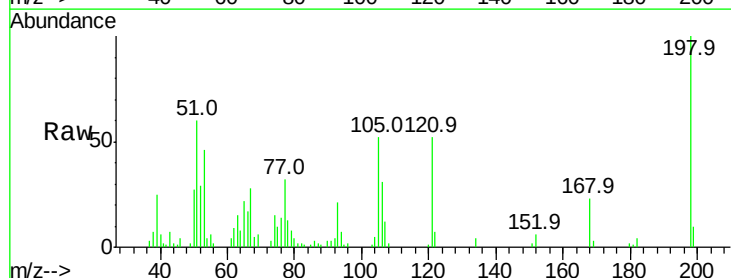
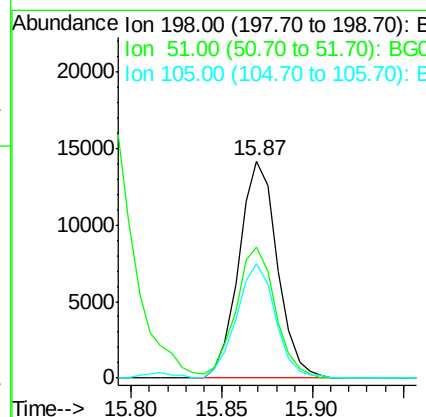
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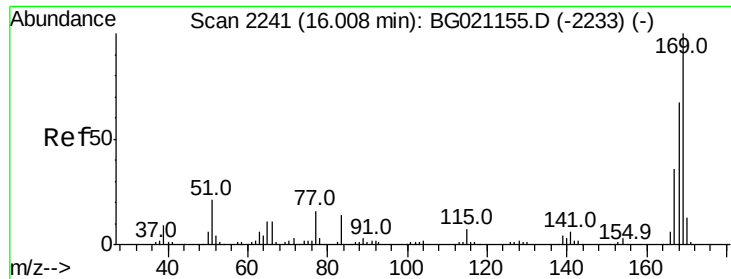
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.67 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.5	30.4	70.4
105	52.4	32.8	72.8





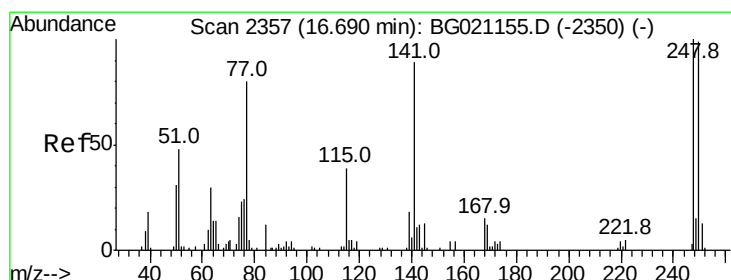
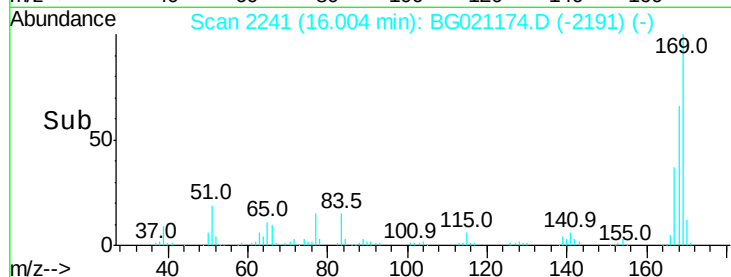
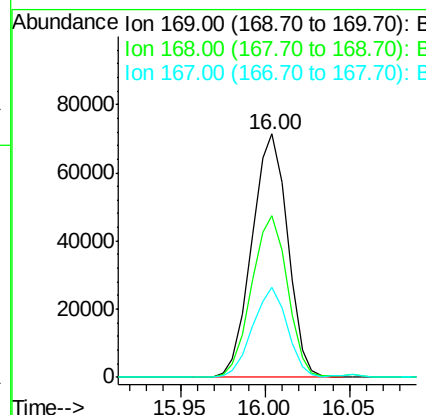
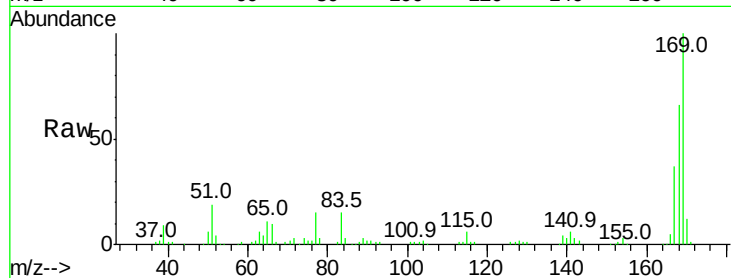
#65
 n-Nitrosodiphenylamine
 Concen: 46.68 ng
 RT: 16.00 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	105417		
168	66.2		58.2	87.2
167	36.9		31.0	46.6

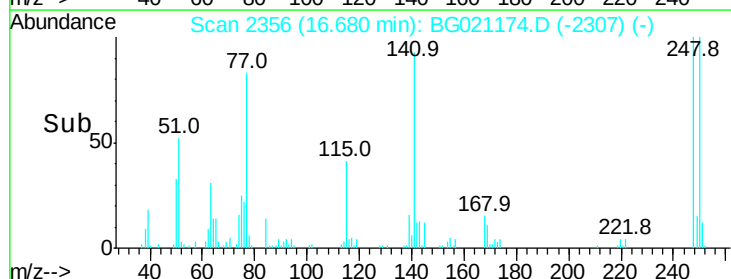
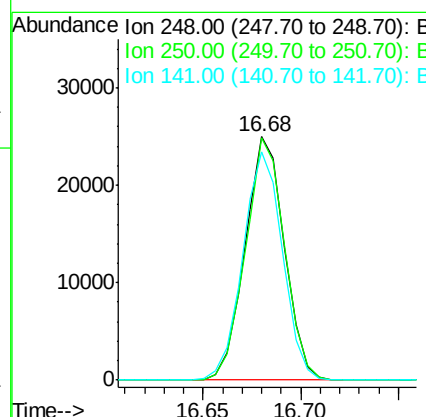
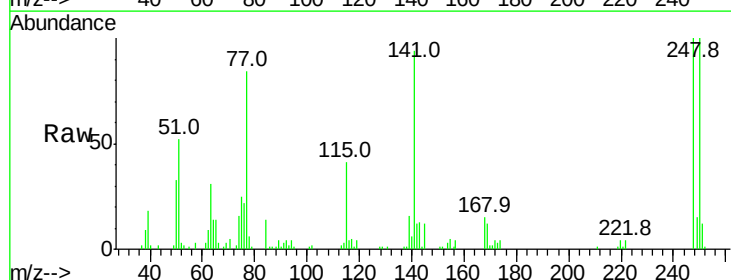
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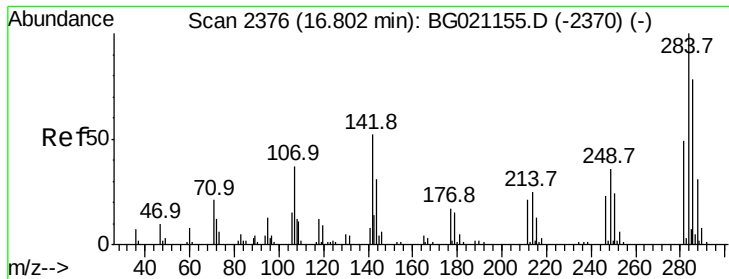
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#66
 4-Bromophenyl-phenylether
 Concen: 45.20 ng
 RT: 16.68 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	34692		
250	99.6		76.4	114.6
141	93.9		57.4	86.0#





#67

Hexachlorobenzene

Concen: 45.87 ng

RT: 16.80 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

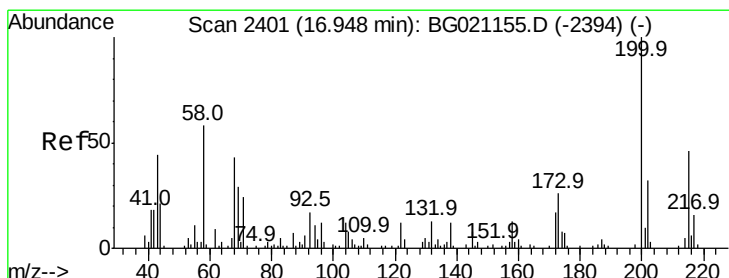
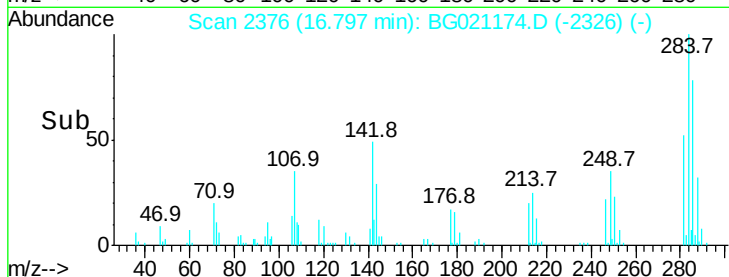
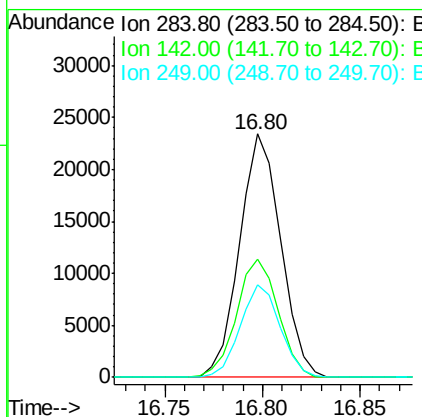
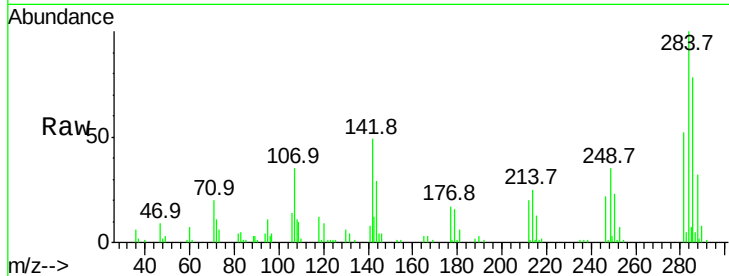
ClientSampleId :

PB88571BS

Tot Ion:	284	Resp:	34174
Ion Ratio	Lower	Upper	
284	100		
142	48.8	32.1	48.1#
249	38.0	24.0	36.0#

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#68

Atrazine

Concen: 49.76 ng

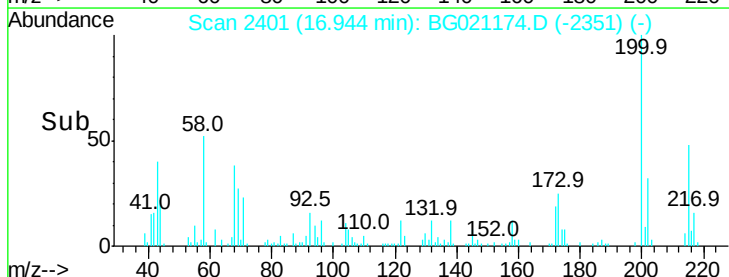
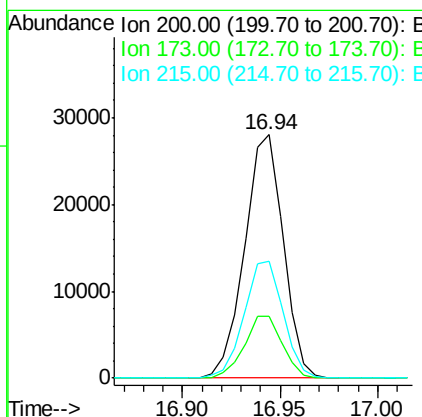
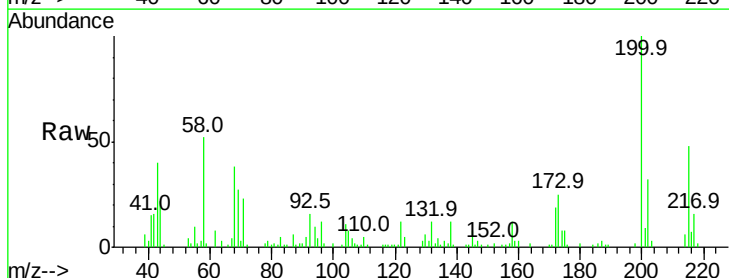
RT: 16.94 min Scan# 2401

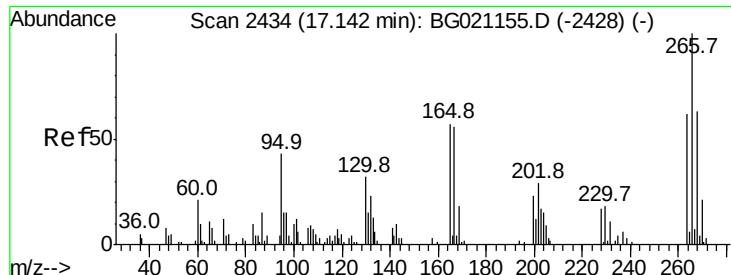
Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion:	200	Resp:	38476
Ion Ratio	Lower	Upper	
200	100		
173	25.4	3.9	43.9
215	47.8	29.0	69.0





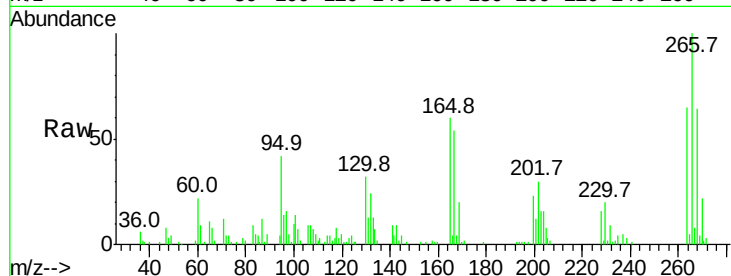
#69
 Pentachlorophenol
 Concen: 92.94 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

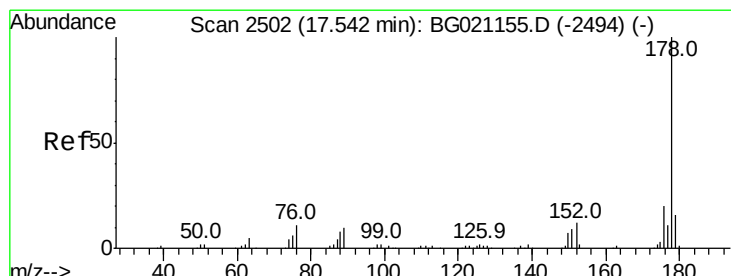
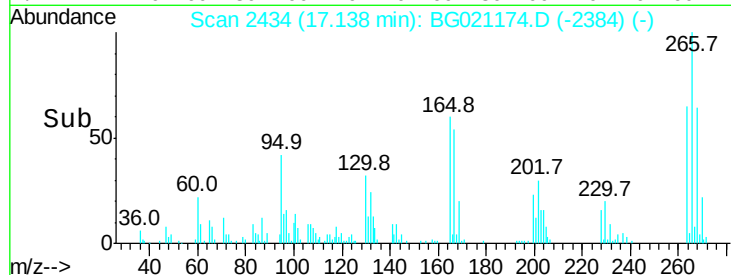
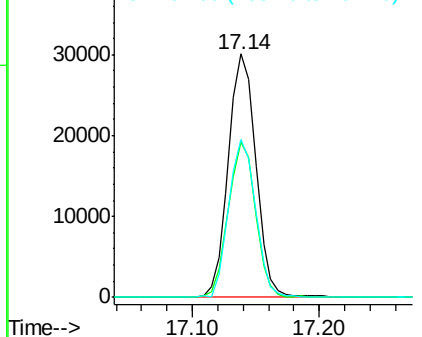
Tot Ion	Ratio	Resp	Lower	Upper
266	100	45235		
268	67.3		51.0	76.6
264	70.2		47.8	71.8

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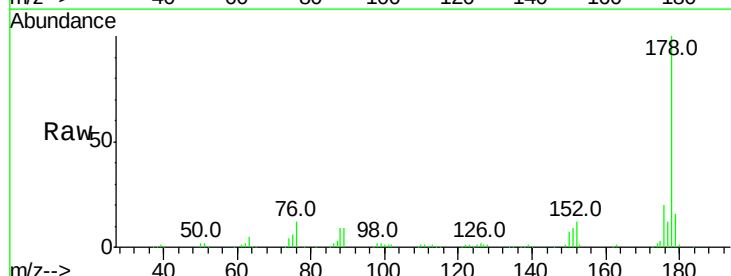


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

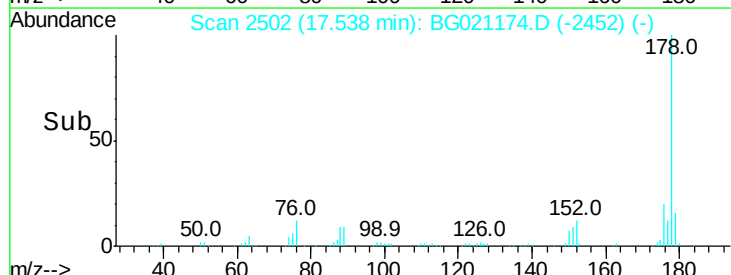
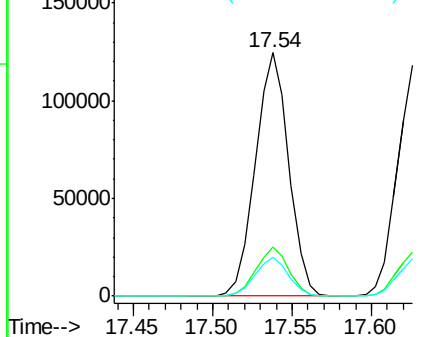


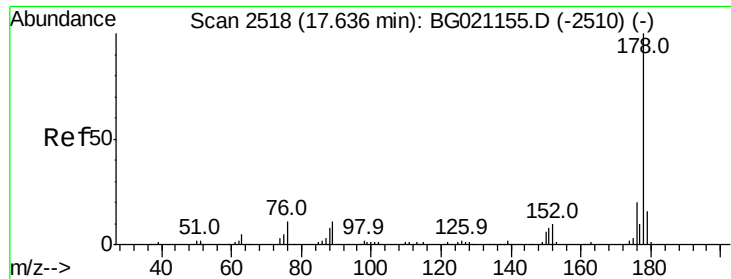
#70
 Phenanthrene
 Concen: 45.74 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	181282		
176	20.0		16.2	24.4
179	16.1		12.9	19.3



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





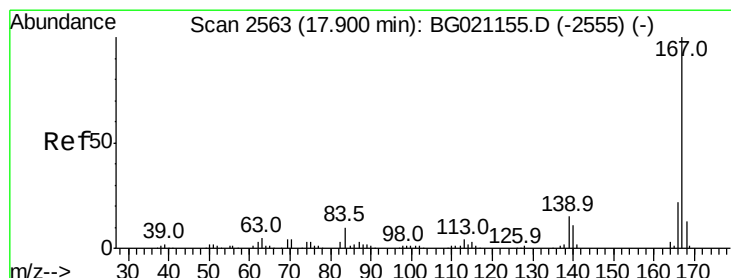
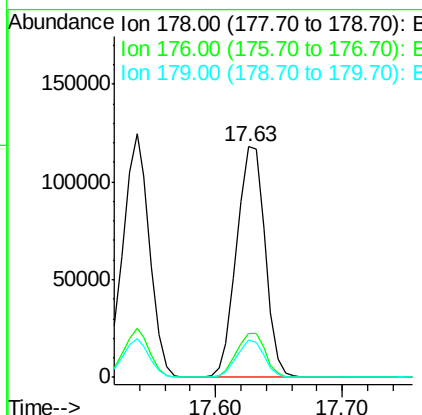
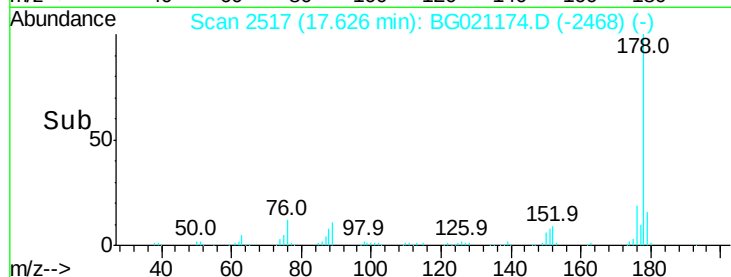
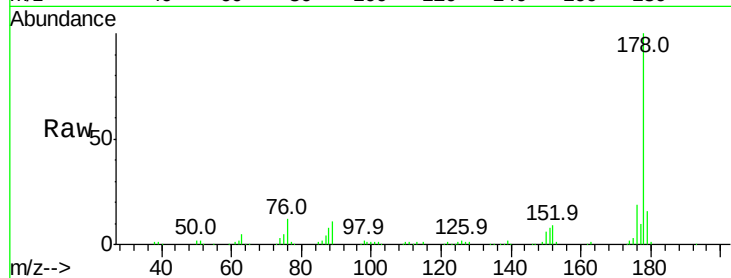
#71
 Anthracene
 Concen: 45.33 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	16.3	12.6	19.0

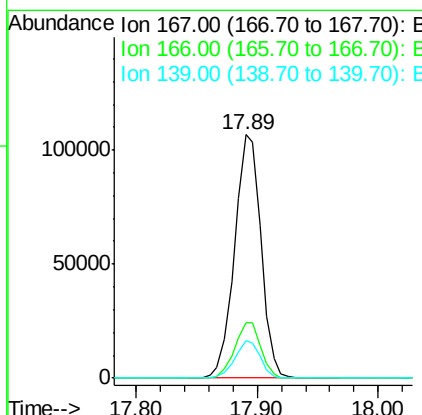
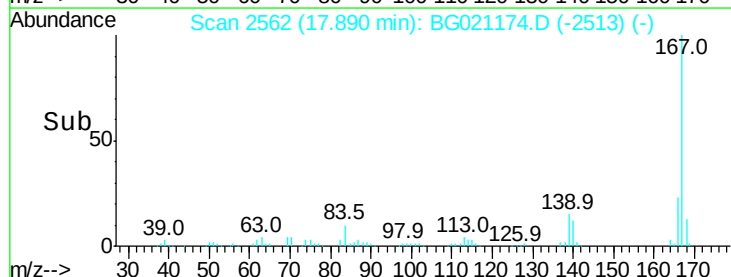
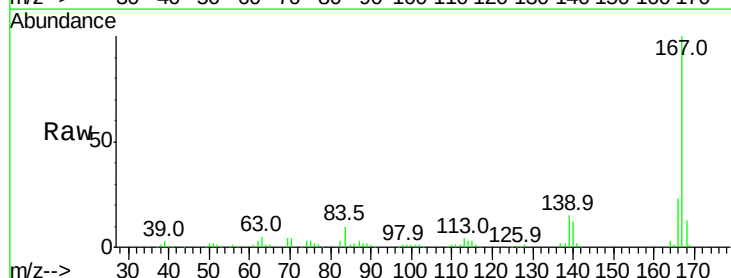
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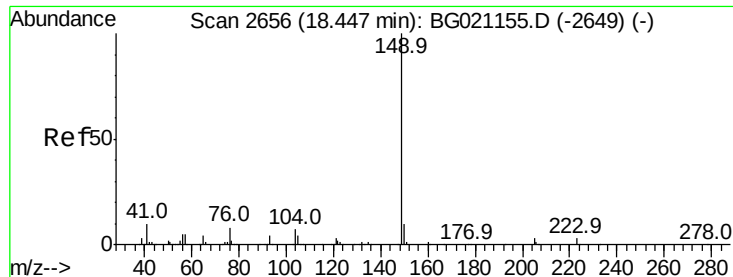
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#72
 Carbazole
 Concen: 45.04 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	15.4	10.3	15.5





#73

Di-n-butylphthalate

Concen: 43.49 ng

RT: 18.44 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

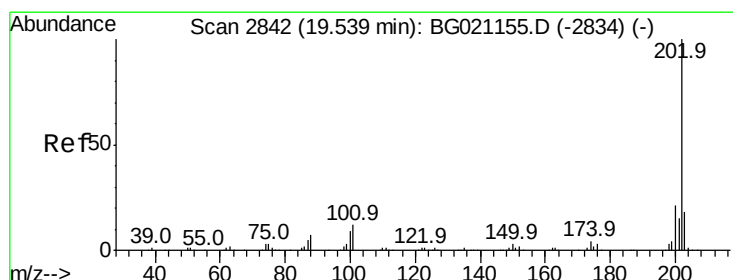
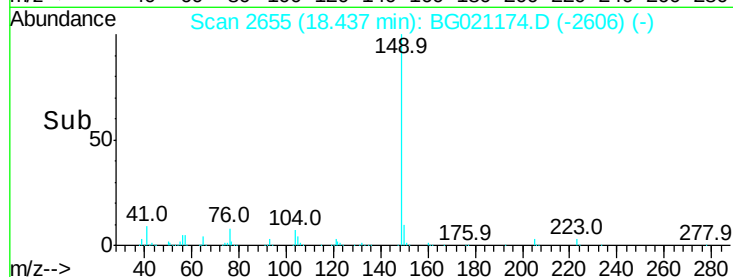
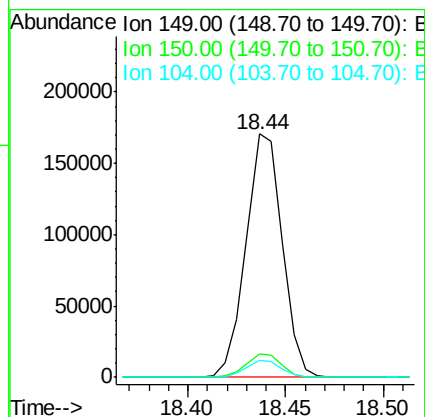
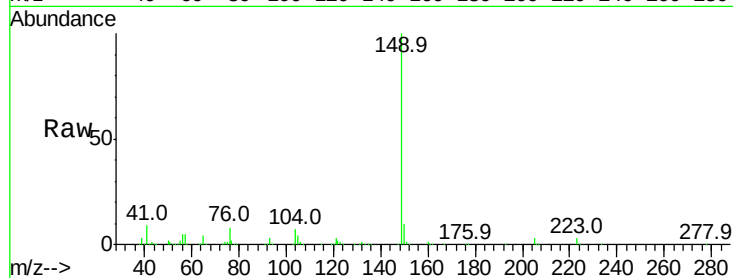
ClientSampleId :

PB88571BS

Tot Ion:	149	Resp:	219904
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	6.9	4.1	6.1#

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#74

Fluoranthene

Concen: 43.39 ng

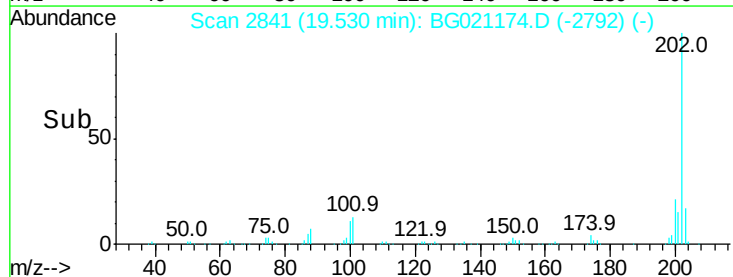
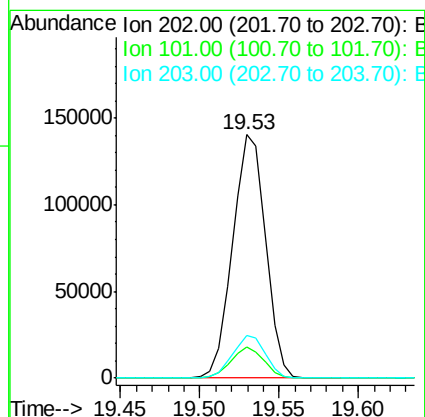
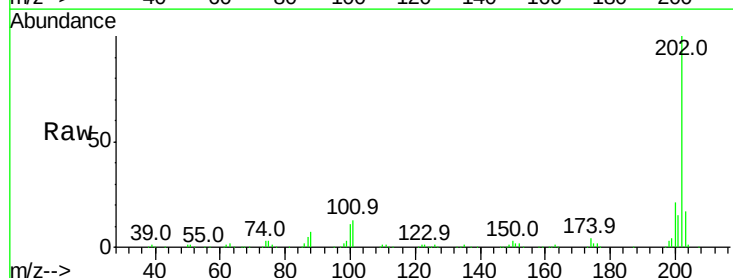
RT: 19.53 min Scan# 2841

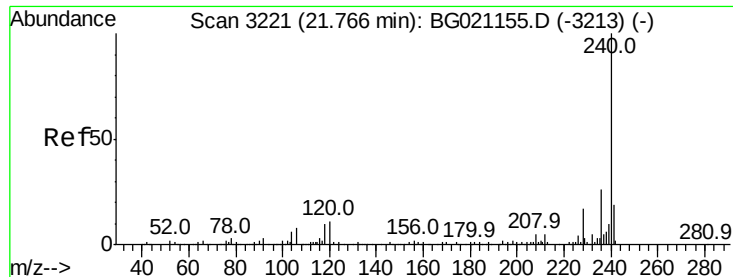
Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion:	202	Resp:	202022
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	32.5
203	17.5	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

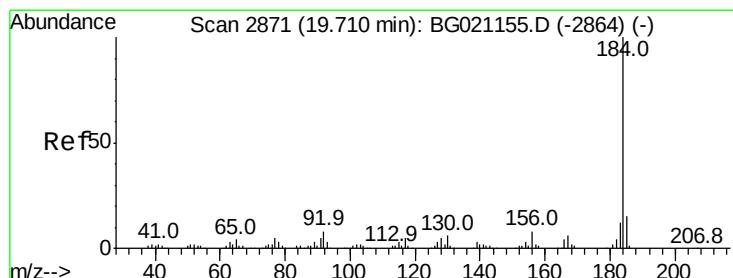
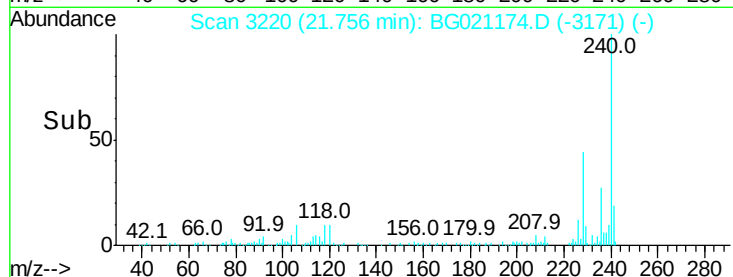
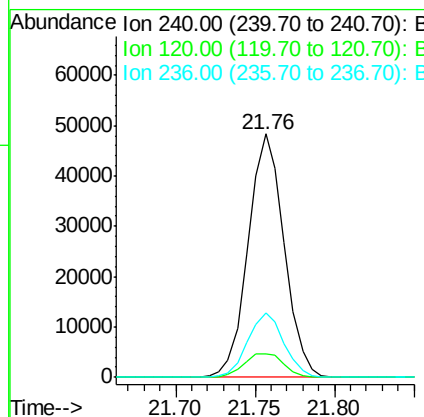
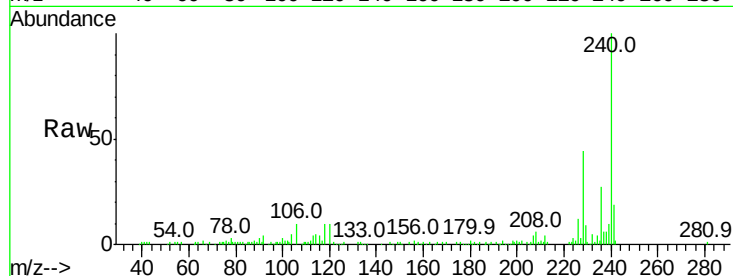
ClientSampleId :

PB88571BS

Tot Ion:	240	Resp:	76090
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.5	11.3
236	26.5	20.5	30.7

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#76

Benzidine

Concen: 24.29 ng

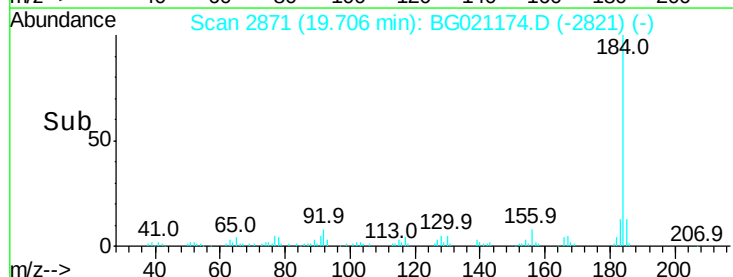
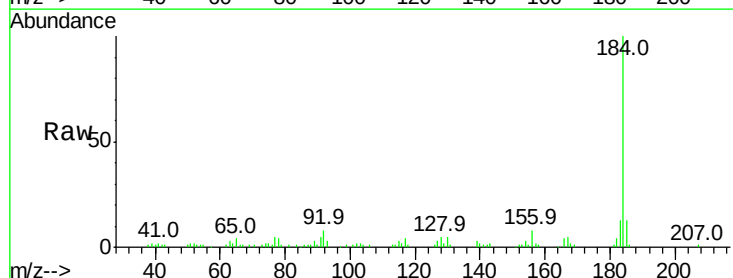
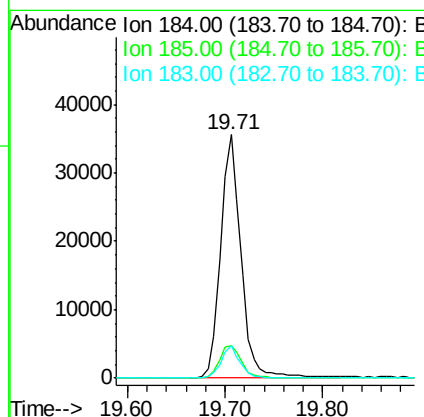
RT: 19.71 min Scan# 2871

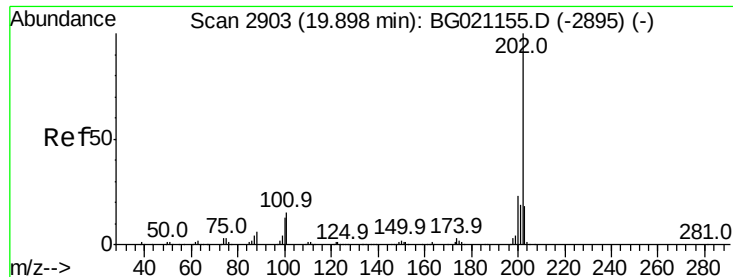
Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion:	184	Resp:	51722
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.5	17.3
183	13.1	10.1	15.1





#77

Pvrene

Concen: 45.59 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

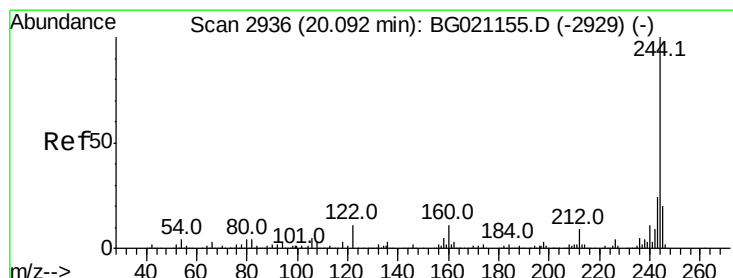
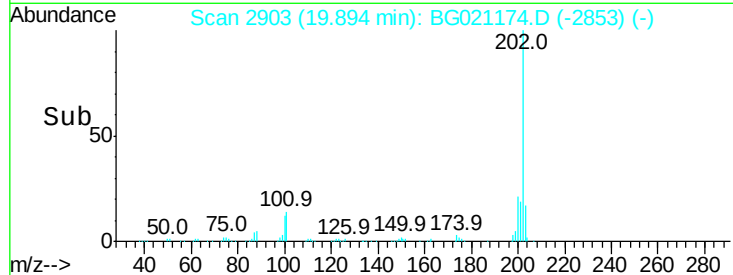
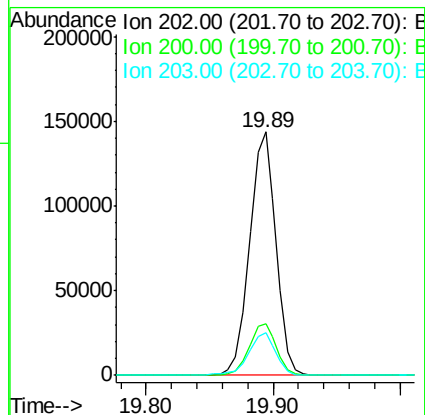
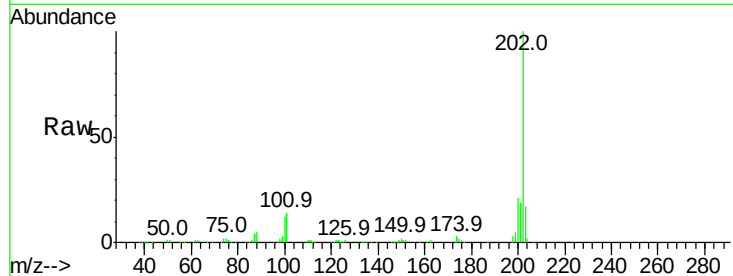
ClientSampleId :

PB88571BS

Tot Ion	Ion	Ratio	Resp Lower	Upper
202	100			
200	21.4	16.6	25.0	
203	17.3	13.8	20.8	

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#78

Terphenyl-d14

Concen: 90.79 ng

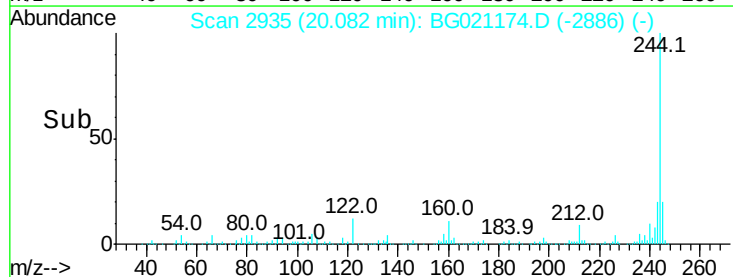
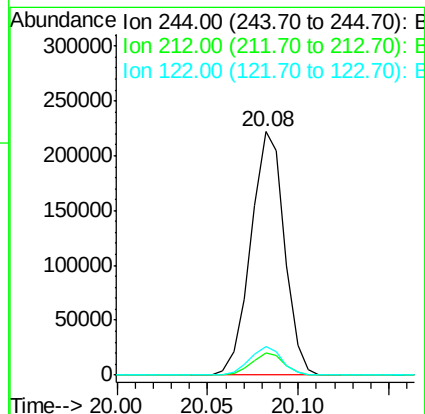
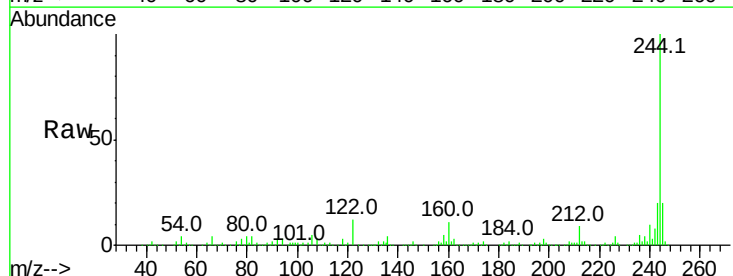
RT: 20.08 min Scan# 2935

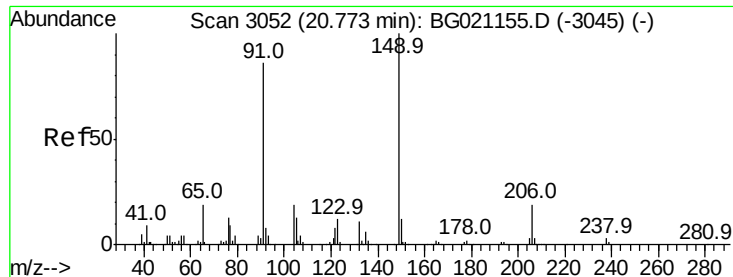
Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion	Ion	Ratio	Resp Lower	Upper
244	100			
212	9.1	5.8	8.6#	
122	11.8	8.3	12.5	





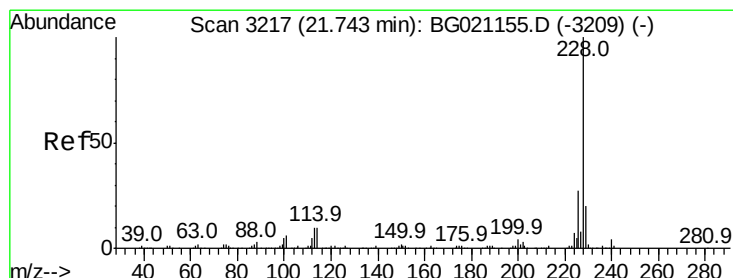
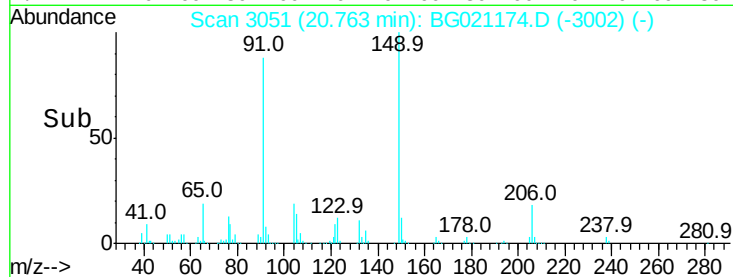
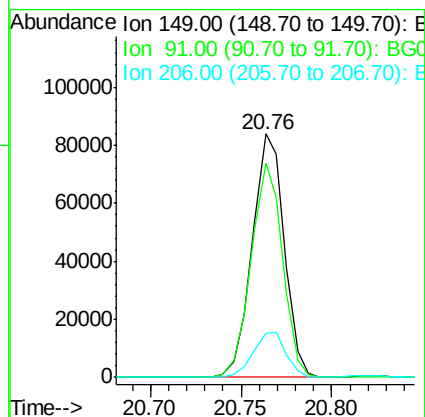
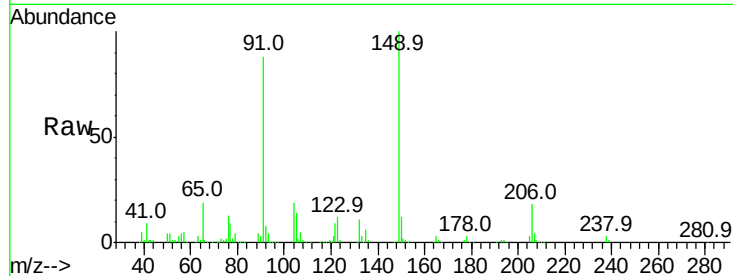
#79
Butylbenzylphthalate
Concen: 44.24 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.01 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampled :
PB88571BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	88.1	58.6	87.8#
206	18.0	14.2	21.4

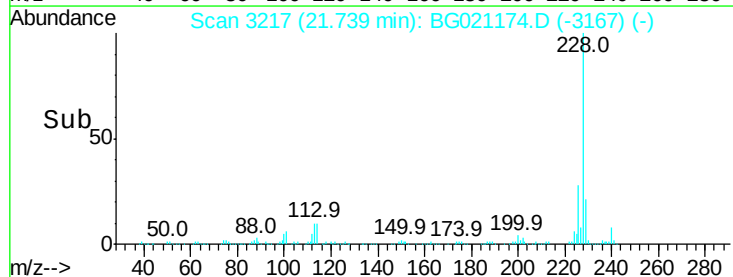
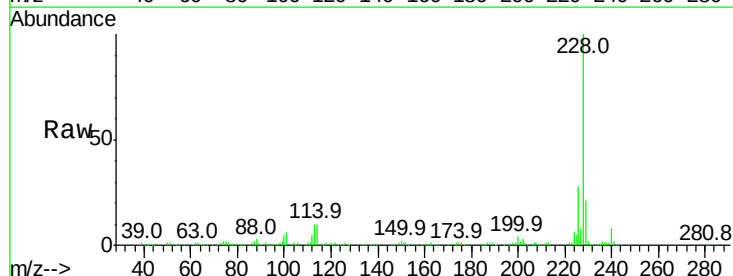
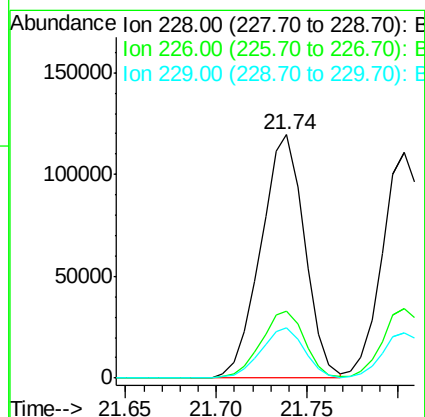
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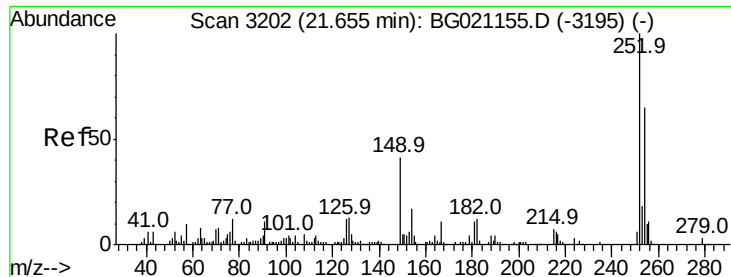
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#80
Benzo(a)anthracene
Concen: 44.46 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.6	22.7	34.1
229	20.7	15.5	23.3





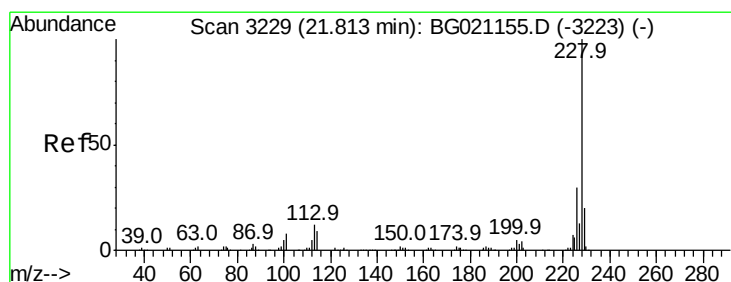
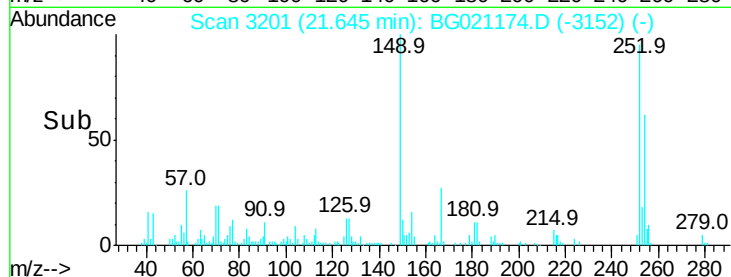
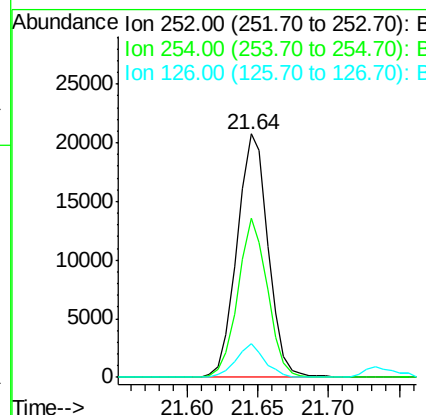
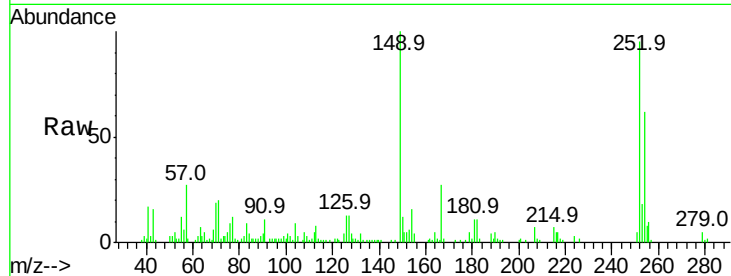
#81
 3,3'-Dichlorobenzidine
 Concen: 18.69 ng
 RT: 21.64 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	52.6	79.0
126	14.0	8.3	12.5

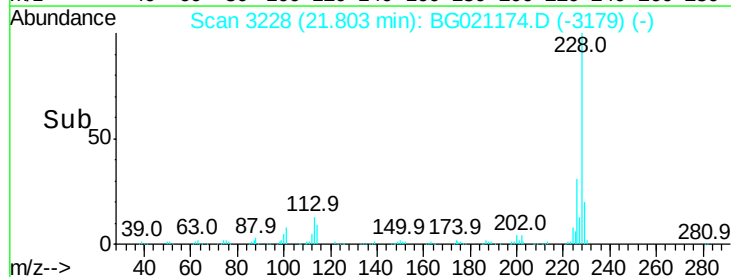
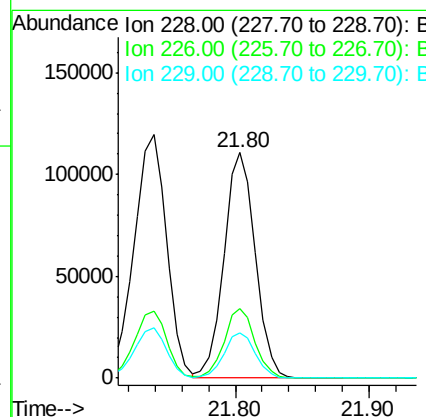
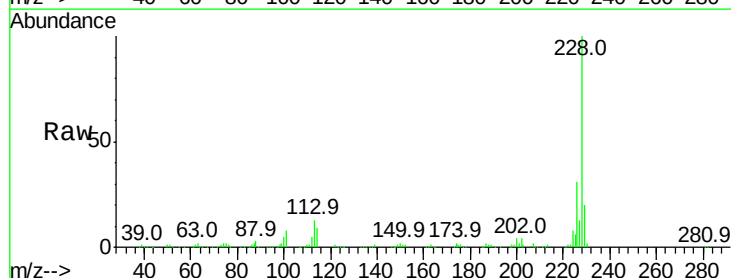
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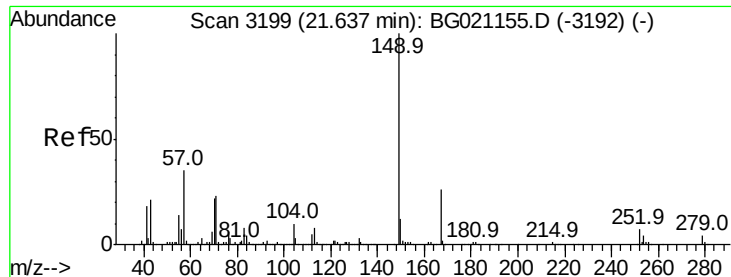
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#82
 Chrysene
 Concen: 42.53 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	23.7	35.5
229	19.9	16.7	25.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.08 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

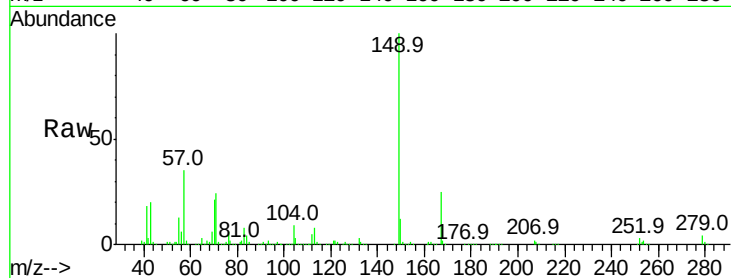
ClientSampleId :

PB88571BS

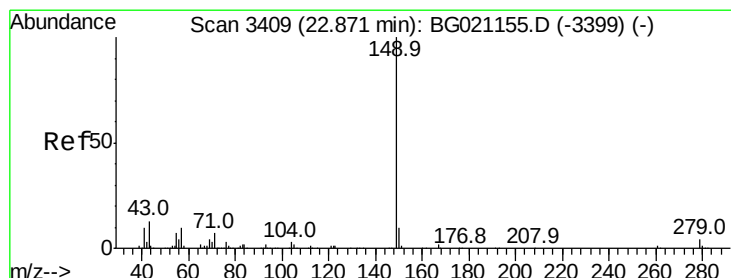
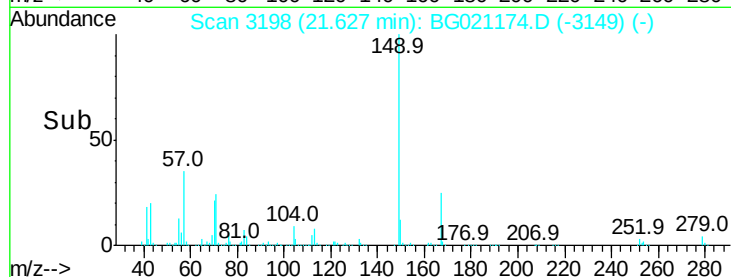
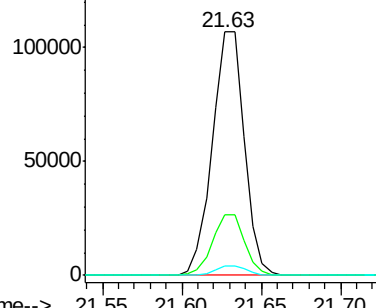
Tot Ion:	149	Resp:	149671
Ion Ratio	Lower	Upper	
149	100		
167	24.7	18.9	28.3
279	4.1	3.0	4.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.43 ng

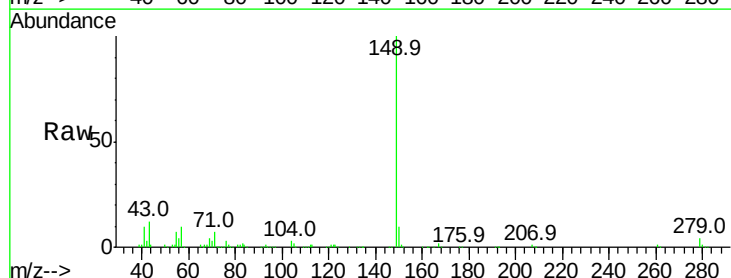
RT: 22.86 min Scan# 3407

Delta R.T. -0.02 min

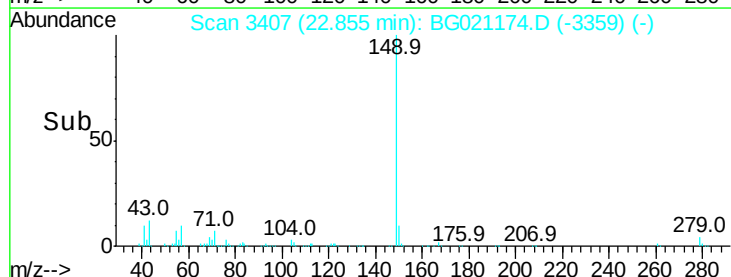
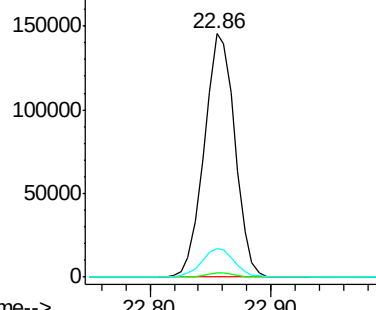
Lab File: BG021174.D

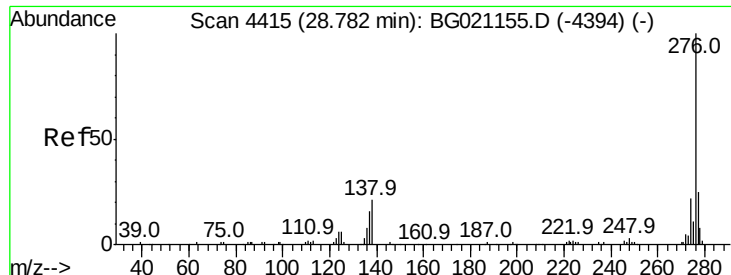
Acq: 1 Mar 2016 3:26

Tgt Ion:	149	Resp:	256895
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	12.2	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG





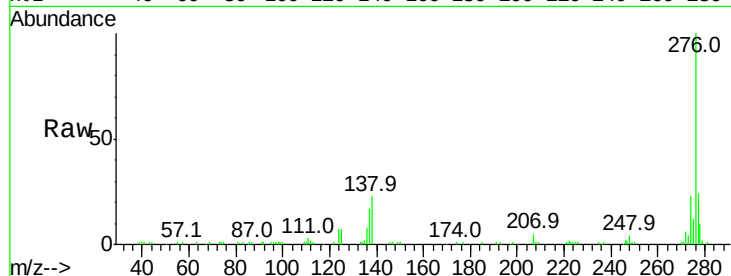
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.74 ng
 RT: 28.76 min Scan# 4412
 Delta R.T. -0.02 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

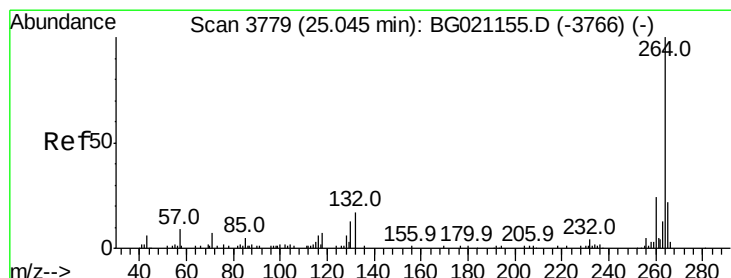
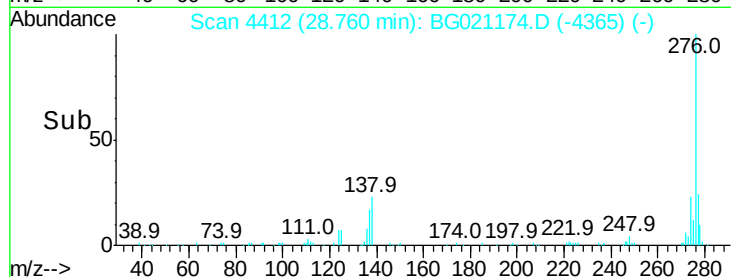
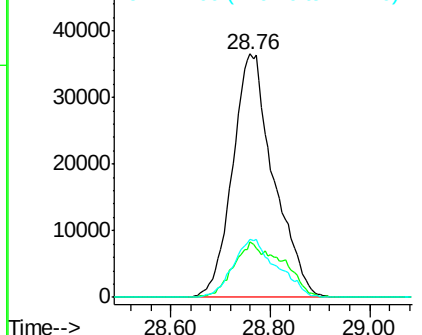
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.9	0.0	0.0#
277	25.4	0.0	0.0#

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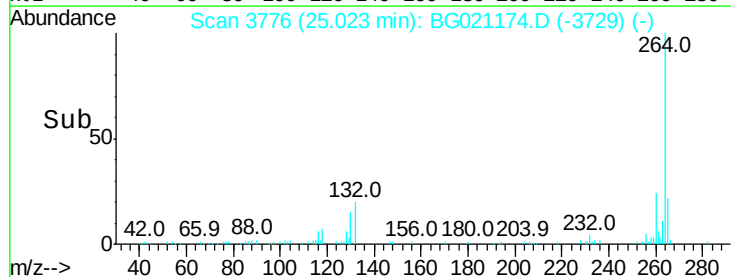
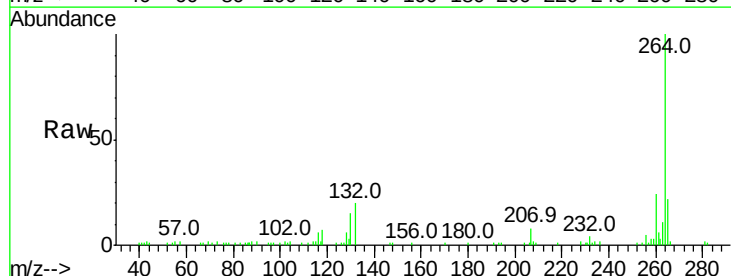
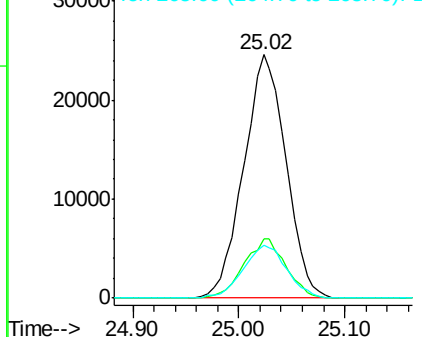
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

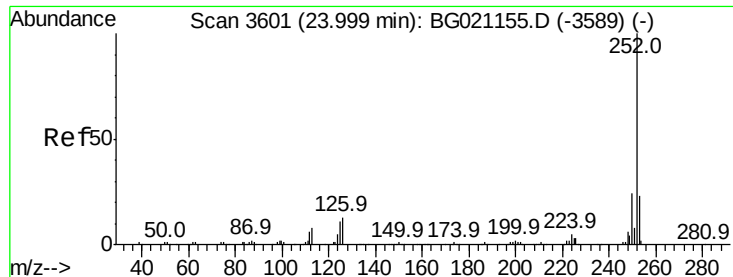


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.02 min Scan# 3776
 Delta R.T. -0.02 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.9	18.6	28.0

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





#87

Benzo(b)fluoranthene

Concen: 45.40 ng

RT: 23.98 min Scan# 3599

Delta R.T. -0.02 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Instrument :

BNA_G

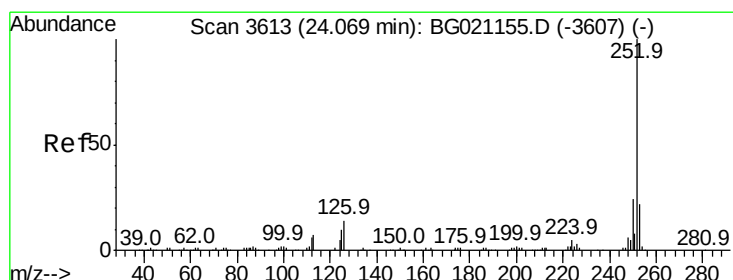
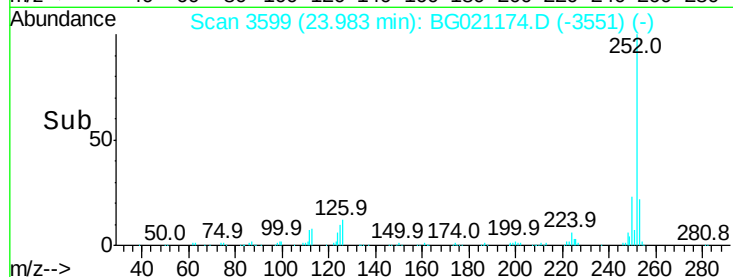
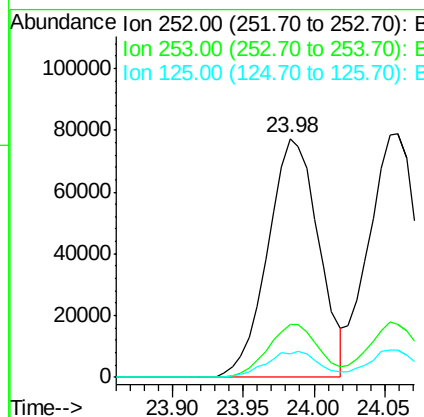
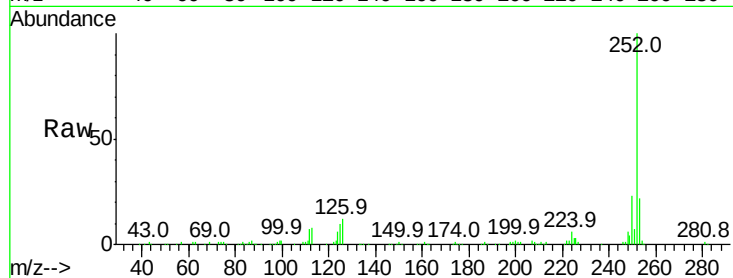
ClientSampleId :

PB88571BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.8	25.2
125	10.0	8.2	12.2

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#88

Benzo(k)fluoranthene

Concen: 44.53 ng

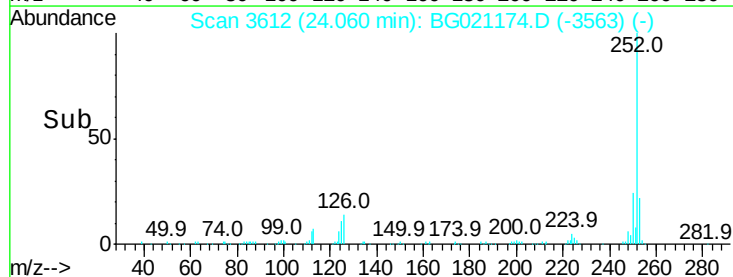
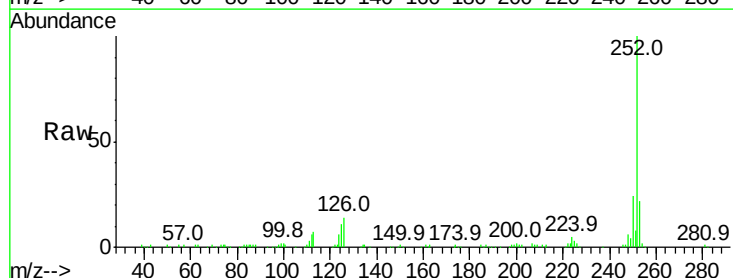
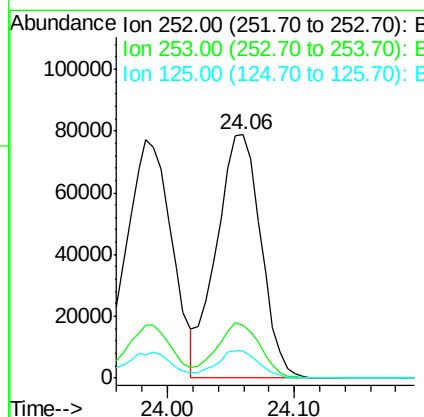
RT: 24.06 min Scan# 3612

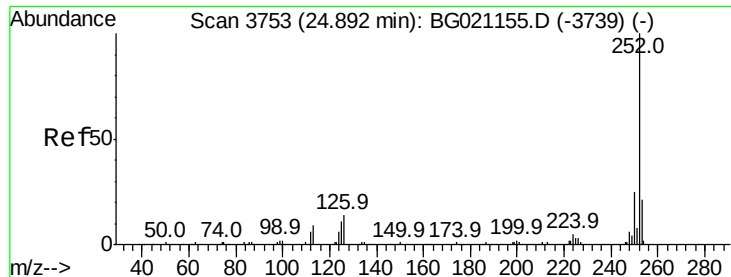
Delta R.T. -0.01 min

Lab File: BG021174.D

Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.4	24.6
125	11.4	8.2	12.2





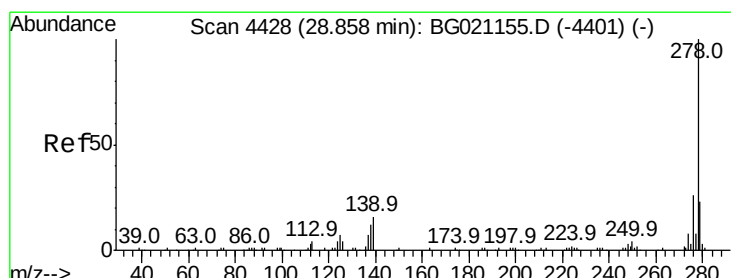
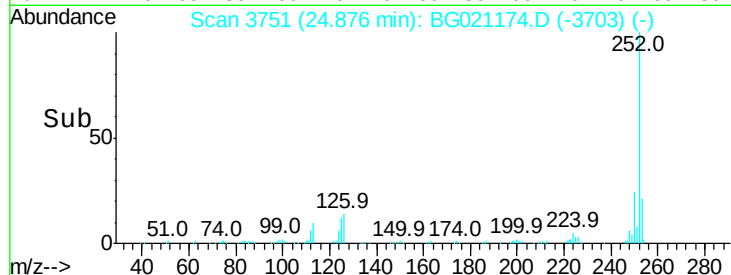
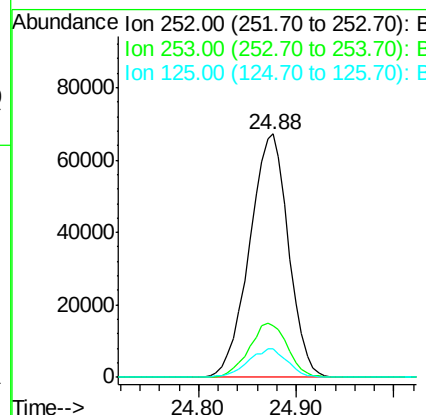
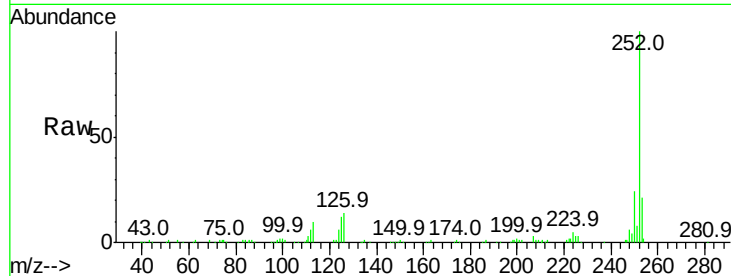
#89
Benzo(a)pyrene
Concen: 45.27 ng
RT: 24.88 min Scan# 3751
Delta R.T. -0.02 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	15.8	23.8
125	11.8	8.4	12.6

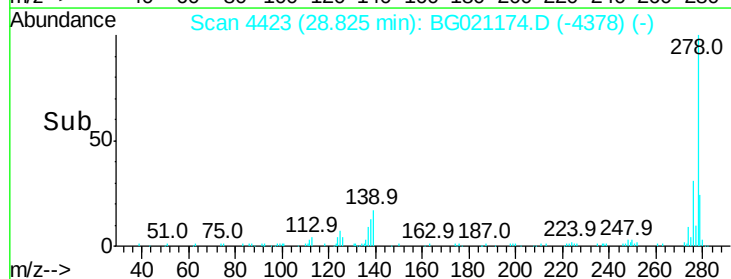
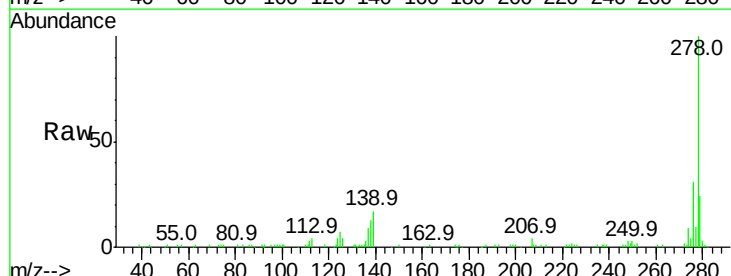
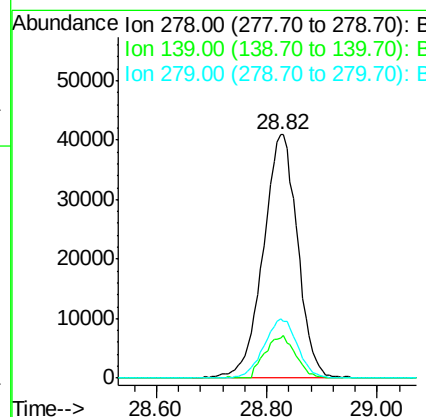
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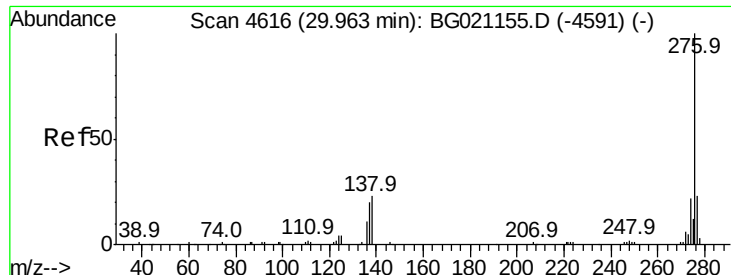
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#90
Dibenzo(a,h)anthracene
Concen: 43.07 ng
RT: 28.82 min Scan# 4423
Delta R.T. -0.03 min
Lab File: BG021174.D
Acq: 1 Mar 2016 3:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	10.6	15.8#
279	24.3	19.7	29.5





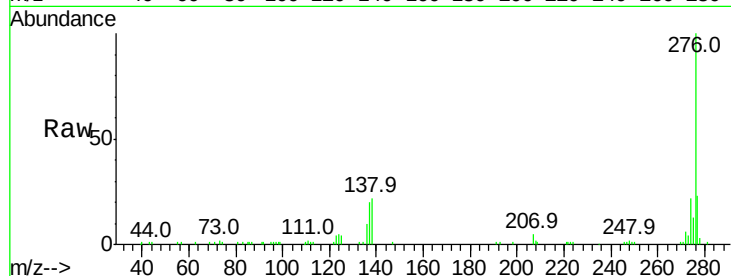
#91
 Benzo(a,h,i)perylene
 Concen: 43.32 ng
 RT: 29.92 min Scan# 4610
 Delta R.T. -0.04 min
 Lab File: BG021174.D
 Acq: 1 Mar 2016 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB88571BS

Tot Ion:	276	Resp:	171487
Ion Ratio	Lower	Upper	
276	100		
277	22.6	16.6	25.0
138	21.6	14.6	21.8

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

