

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025936.D
 Acq On : 24 Feb 2017 17:39
 Operator : SJ/MA
 Sample : PB97155BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Manual Integrations
 APPROVED

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 2/27/2017 1:06:52 PM

Quant Time: Feb 24 22:51:28 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	87739	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	436661	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	296895	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	733022	20.00	ng	0.00
75) Chrysene-d12	21.67	240	753265	20.00	ng	0.00
86) Perylene-d12	24.88	264	725564	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	748526	148.53	ng	0.00
7) Phenol-d6	7.24	99	1075709	144.25	ng	0.00
23) Nitrobenzene-d5	9.24	82	584759	84.51	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	497400	181.33	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1659924	97.69	ng	0.00
78) Terphenyl-d14	20.01	244	2371956	76.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	67155	29.16	ng	# 85
3) Pyridine	3.94	79	205796	29.98	ng	# 79
4) n-Nitrosodimethylamine	3.85	42	90827	36.80	ng	# 42
6) Aniline	7.40	93	322173	31.07	ng	92
8) 2-Chlorophenol	7.64	128	271752	45.37	ng	88
9) Benzaldehyde	7.22	77	94739	21.44	ng	# 68
10) Phenol	7.27	94	372897	46.01	ng	# 75
11) bis(2-Chloroethyl)ether	7.50	93	245810	36.90	ng	91
12) 1,3-Dichlorobenzene	7.97	146	259996	37.55	ng	# 90
13) 1,4-Dichlorobenzene	8.12	146	265037m	37.79	ng	
14) 1,2-Dichlorobenzene	8.44	146	256836	37.30	ng	93
15) Benzyl Alcohol	8.31	79	255988	46.88	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	335451	34.70	ng	90
17) 2-Methylphenol	8.51	107	259730	44.49	ng	# 83
18) Hexachloroethane	9.17	117	86861	37.37	ng	87
19) n-Nitroso-di-n-propylamine	8.88	70	222351	40.82	ng	# 82
20) 3+4-Methylphenols	8.84	107	379006	45.57	ng	88
22) Acetophenone	8.90	105	419563	40.04	ng	# 81
24) Nitrobenzene	9.28	77	297170	39.72	ng	# 82
25) Isophorone	9.80	82	636909	41.83	ng	# 92
26) 2-Nitrophenol	9.99	139	156464	44.72	ng	# 69
27) 2,4-Dimethylphenol	10.05	122	313099	47.94	ng	88
28) bis(2-Chloroethoxy)methane	10.28	93	384149	39.81	ng	# 97
29) 2,4-Dichlorophenol	10.53	162	308057	49.42	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	269483	39.76	ng	98
31) Naphthalene	10.93	128	885582	39.23	ng	98
32) Benzoic acid	10.17	122	250784	50.30	ng	# 78
33) 4-Chloroaniline	11.03	127	203460	20.75	ng	# 86
34) Hexachlorobutadiene	11.22	225	148596	38.52	ng	98
35) Caprolactam	11.80	113	143555m	57.03	ng	
36) 4-Chloro-3-methylphenol	12.14	107	368876	49.47	ng	# 79
37) 2-Methylnaphthalene	12.53	142	723296	42.07	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	323863	43.52	ng	98
40) Hexachlorocyclopentadiene	12.88	237	390082	95.80	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	264938	55.13	ng	96
43) 2,4,5-Trichlorophenol	13.20	196	283042	51.88	ng	94
45) 1,1'-Biphenyl	13.53	154	977652	45.44	ng	99
46) 2-Chloronaphthalene	13.57	162	719407	46.25	ng	96
47) 2-Nitroaniline	13.76	65	252639	51.21	ng	# 72
48) Acenaphthylene	14.41	152	1275854	46.07	ng	98
49) Dimethylphthalate	14.14	163	1037331	50.93	ng	98
50) 2,6-Dinitrotoluene	14.25	165	232565	50.83	ng	# 67
51) Acenaphthene	14.75	154	832441	45.51	ng	98
52) 3-Nitroaniline	14.58	138	157173	30.71	ng	# 75
53) 2,4-Dinitrophenol	14.79	184	277013	115.70	ng	# 84
54) Dibenzofuran	15.08	168	1232118	50.53	ng	90
55) 4-Nitrophenol	14.88	139	461934	110.91	ng	# 48
56) 2,4-Dinitrotoluene	15.04	165	326255	53.00	ng	# 81
57) Fluorene	15.73	166	1041036	47.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	283691	58.94	ng	98
59) Diethylphthalate	15.49	149	1079756	51.25	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	485005	48.04	ng	94
61) 4-Nitroaniline	15.73	138	277069	52.23	ng	# 54
62) Azobenzene	16.00	77	969451	53.53	ng	87
64) 4,6-Dinitro-2-methylphenol	15.80	198	186224	43.41	ng	92
65) n-Nitrosodiphenylamine	15.93	169	958524	43.12	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	333092	43.36	ng	99
67) Hexachlorobenzene	16.73	284	341464	43.12	ng	92
68) Atrazine	16.87	200	349617	44.44	ng	98
69) Pentachlorophenol	17.07	266	455601	93.28	ng	98
70) Phenanthrene	17.46	178	1672359	42.03	ng	97
71) Anthracene	17.55	178	1738913	42.86	ng	99
72) Carbazole	17.81	167	1618867	39.72	ng	96
73) Di-n-butylphthalate	18.37	149	1850297	46.25	ng	# 94
74) Fluoranthene	19.45	202	1838904	41.97	ng	94
76) Benzidine	19.62	184	850377	35.76	ng	98
77) Pyrene	19.82	202	1872261	39.30	ng	99
79) Butylbenzylphthalate	20.69	149	830302	45.93	ng	89
80) Benzo(a)anthracene	21.65	228	1791590	40.74	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	410257	26.17	ng	# 95
82) Chrysene	21.72	228	1636034	38.68	ng	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	1178774	45.16	ng	99
84) Di-n-octyl phthalate	22.76	149	2041415	47.35	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.54	276	2137976	42.92	ng	# 93
87) Benzo(b)fluoranthene	23.86	252	1814519	41.76	ng	# 96
88) Benzo(k)fluoranthene	23.93	252	1791916	42.26	ng	# 93
89) Benzo(a)pyrene	24.73	252	1770272	43.02	ng	# 94
90) Dibenzo(a,h)anthracene	28.60	278	1768830	42.79	ng	# 94
91) Benzo(g,h,i)perylene	29.68	276	1759701	42.46	ng	# 89

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

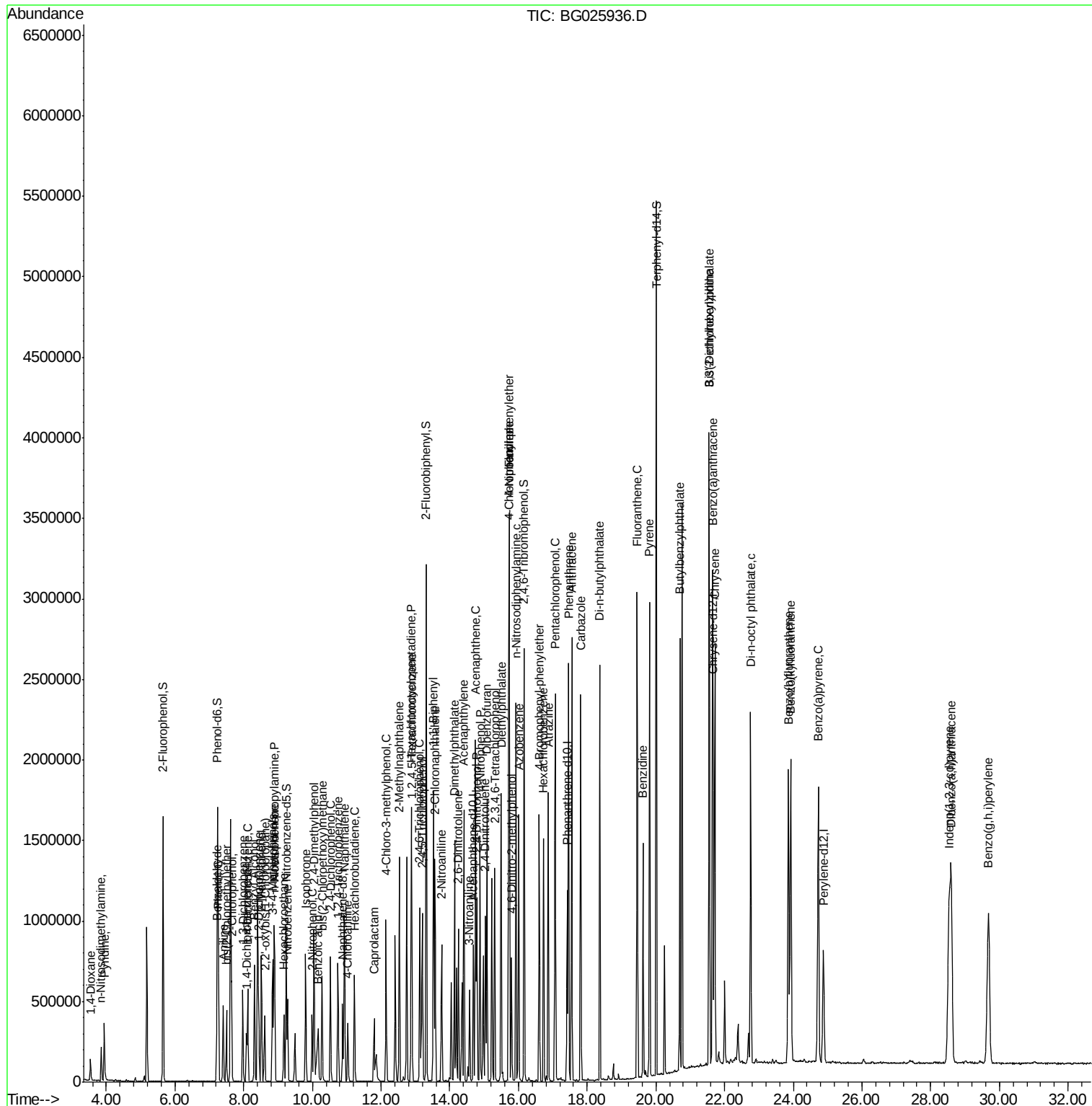
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
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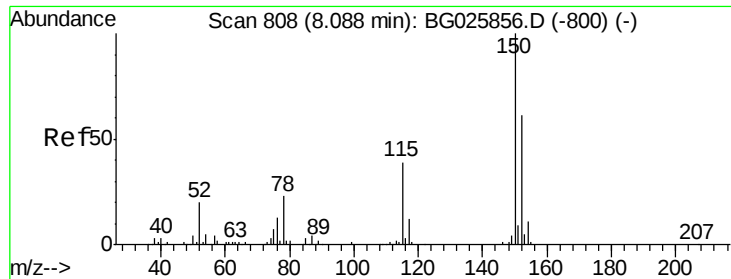
Instrument :
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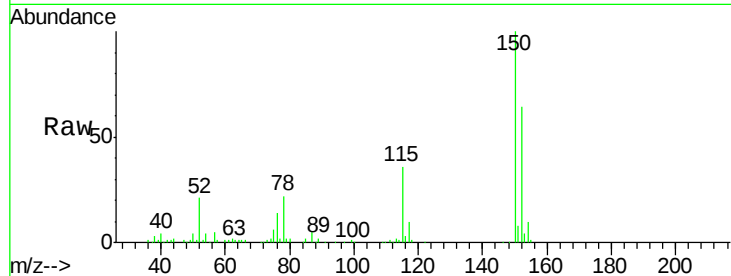




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

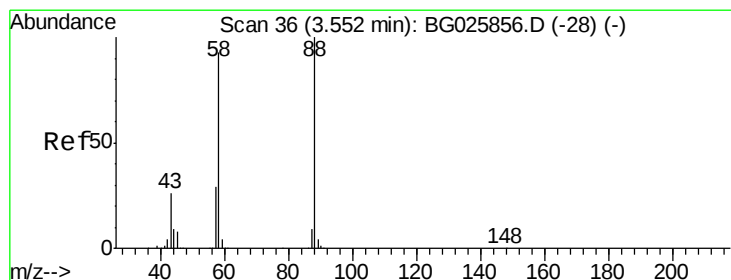
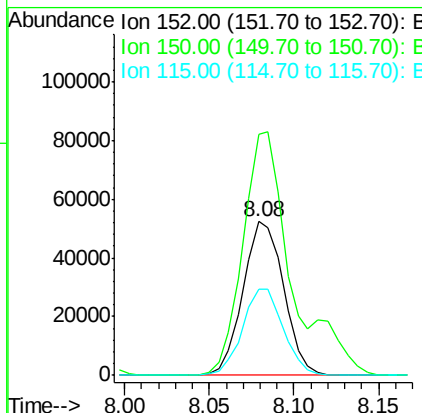
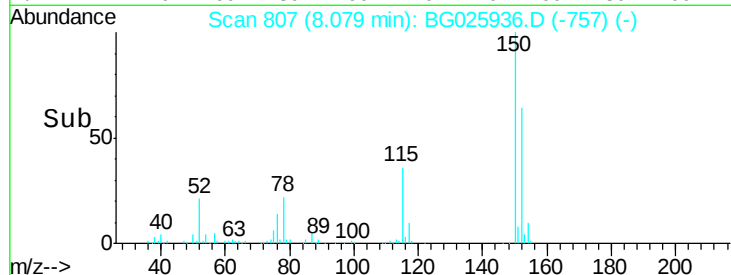
Instrument :
BNA_G
ClientSampled :
PB97155BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	114.0	171.0
115	56.5	48.1	72.1

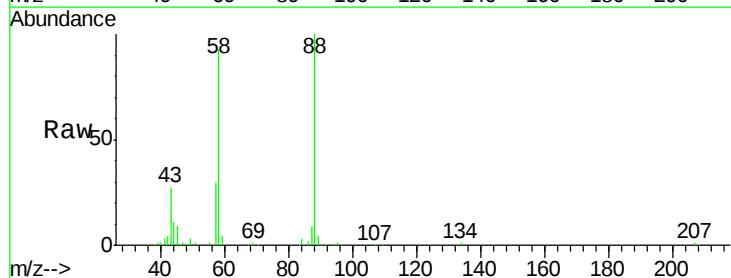
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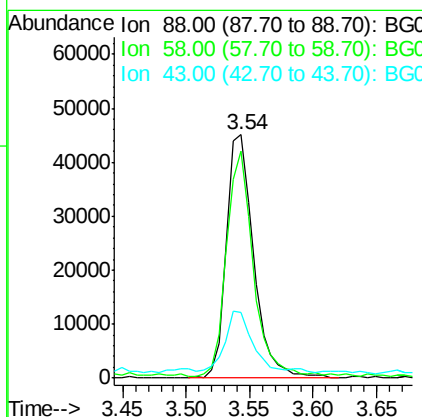
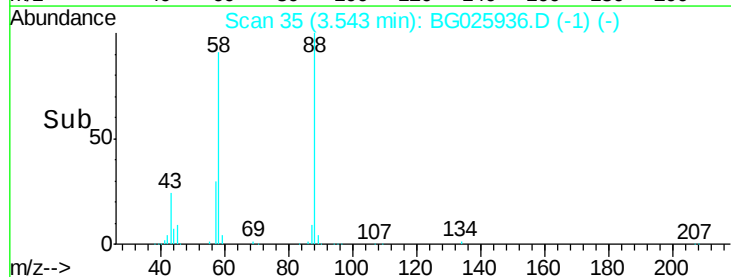


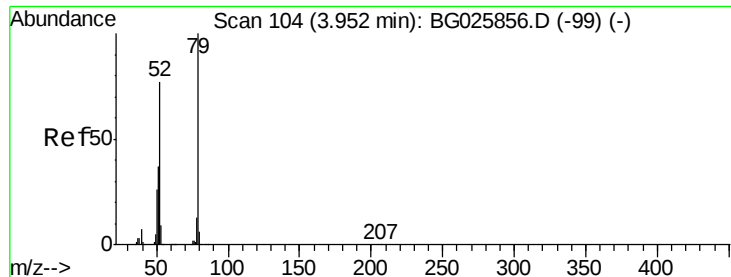
#2

1,4-Dioxane
Concen: 29.16 ng
RT: 3.54 min Scan# 35
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39



Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	79.4	119.2
43	23.6	33.8	50.6#





#3

Pyridine

Concen: 29.98 ng

RT: 3.94 min Scan# 102

Delta R.T. -0.02 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

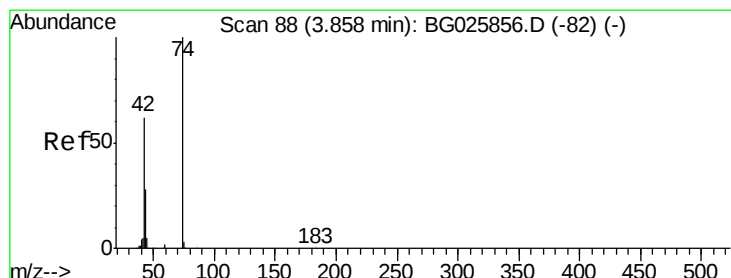
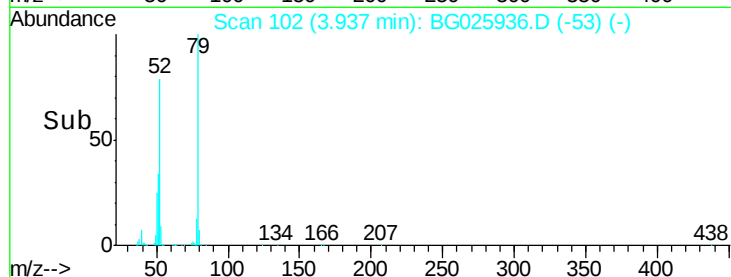
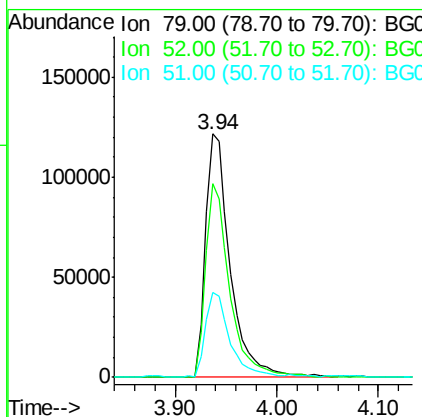
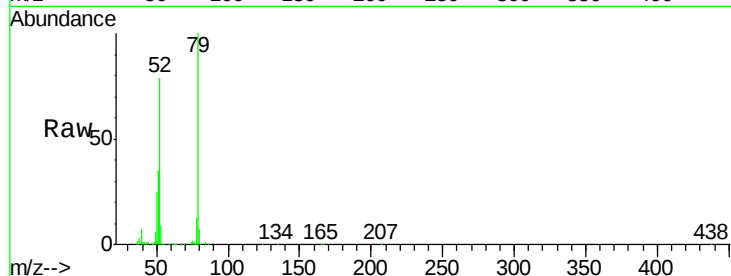
ClientSampleId :

PB97155BS

Tgt Ion:	79	Resp:	205796
Ion Ratio	Lower	Upper	
79	100		
52	79.4	77.8	116.6
51	35.0	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 36.80 ng

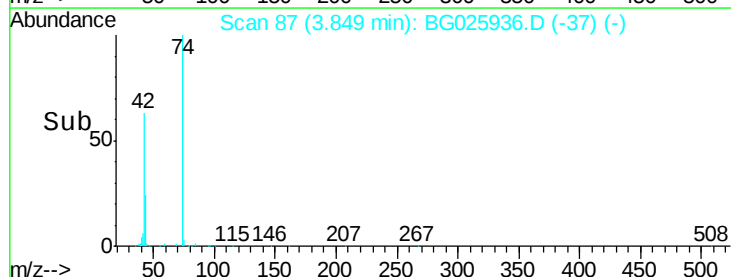
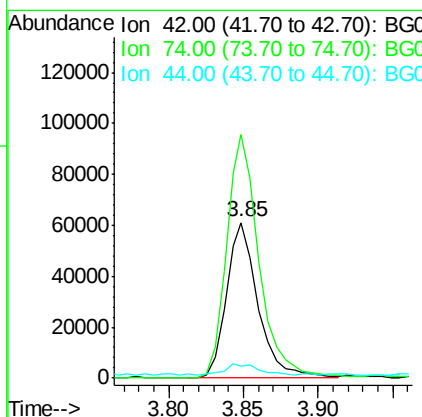
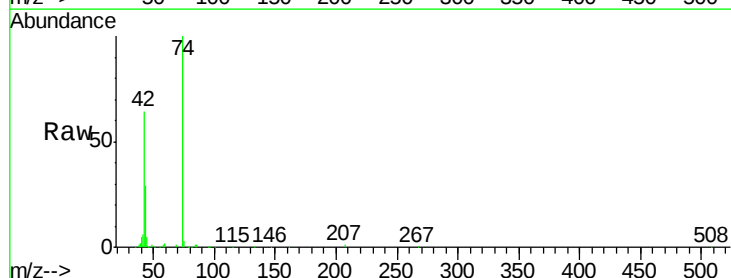
RT: 3.85 min Scan# 87

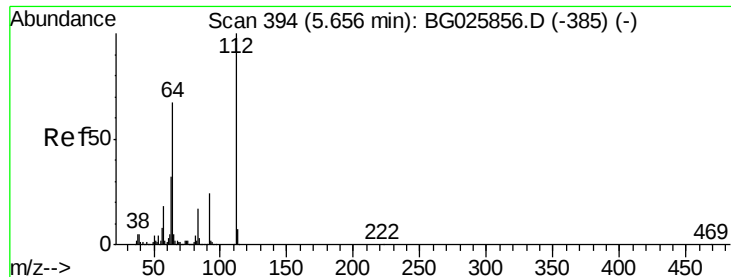
Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion:	42	Resp:	90827
Ion Ratio	Lower	Upper	
42	100		
74	156.7	76.7	115.1#
44	7.6	6.1	9.1





#5

2-Fluorophenol

Concen: 148.53 ng

RT: 5.65 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

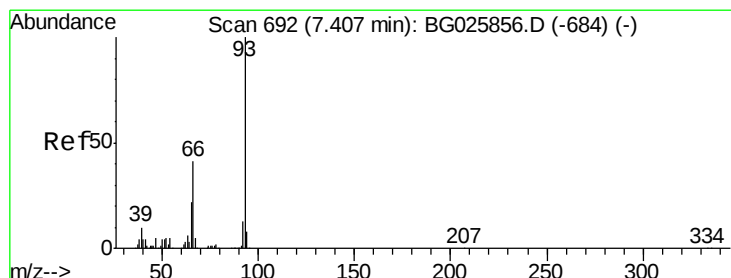
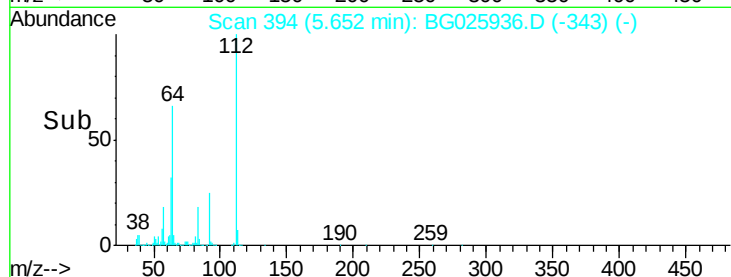
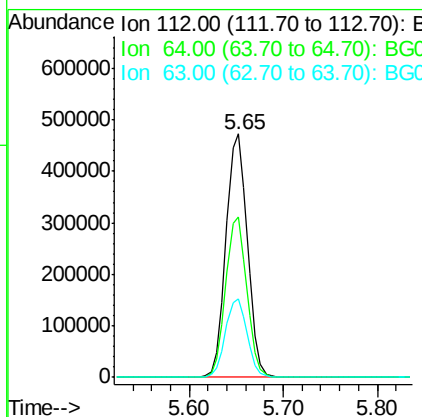
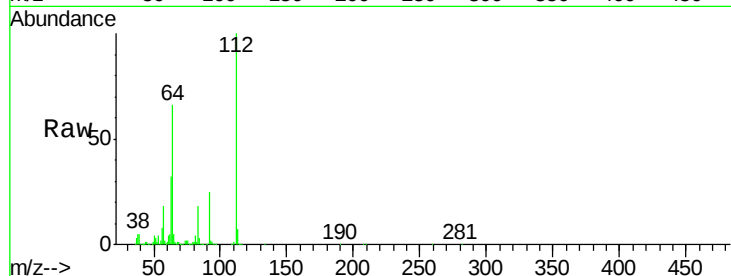
ClientSampleId :

PB97155BS

Tgt Ion:	112	Resp:	748526
Ion Ratio	Lower	Upper	
112	100		
64	65.6	61.8	92.6
63	32.2	37.2	55.8

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#6

Aniline

Concen: 31.07 ng

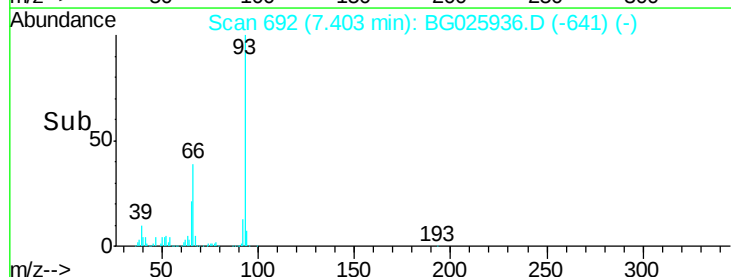
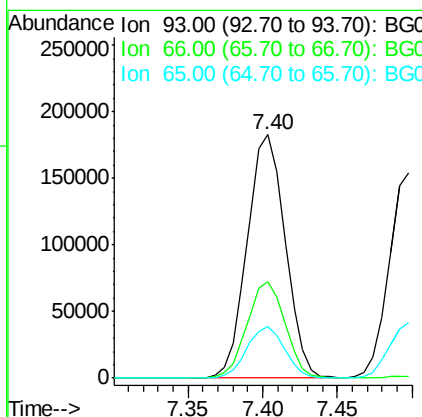
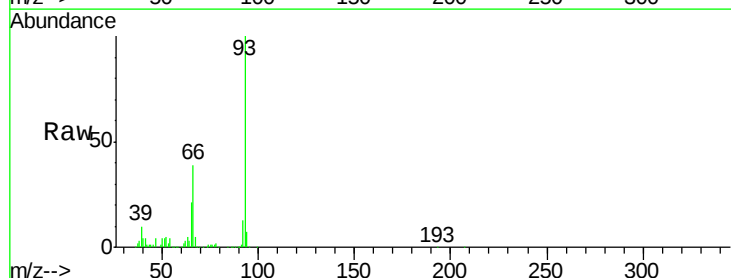
RT: 7.40 min Scan# 692

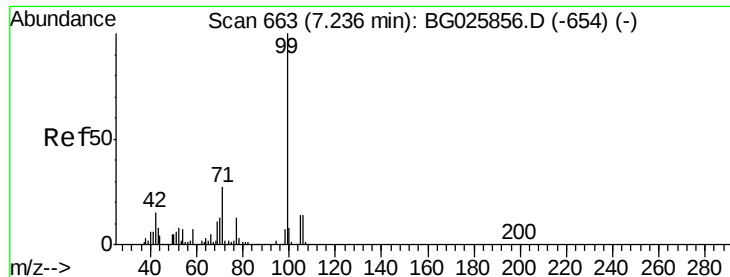
Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion:	93	Resp:	322173
Ion Ratio	Lower	Upper	
93	100		
66	39.5	35.4	53.2
65	21.3	21.2	31.8





#7

Phenol-d6

Concen: 144.25 ng

RT: 7.24 min Scan# 664

Delta R.T. 0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB97155BS

Tgt Ion: 99 Resp: 1075709

Ion Ratio Lower Upper

99 100

42 14.6 20.5 30.7#

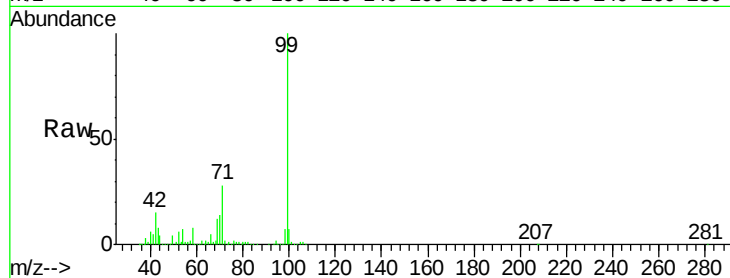
71 28.1 37.6 56.4#

Manual Integrations

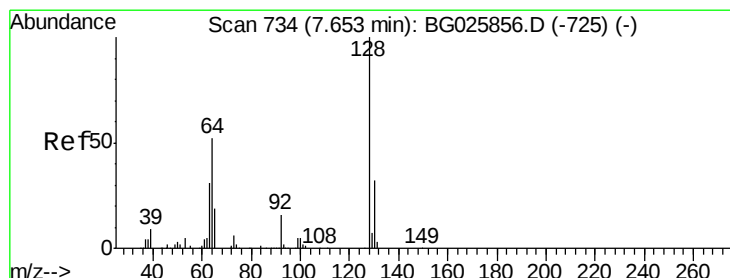
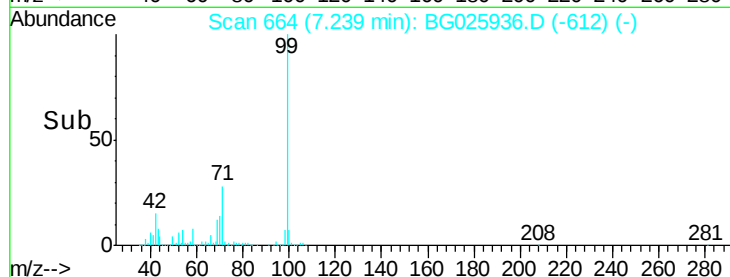
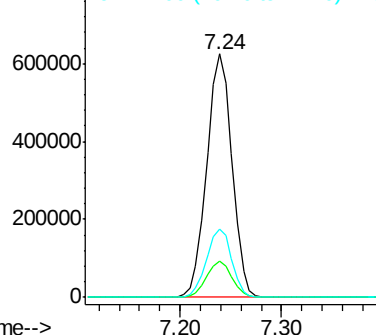
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.37 ng

RT: 7.64 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

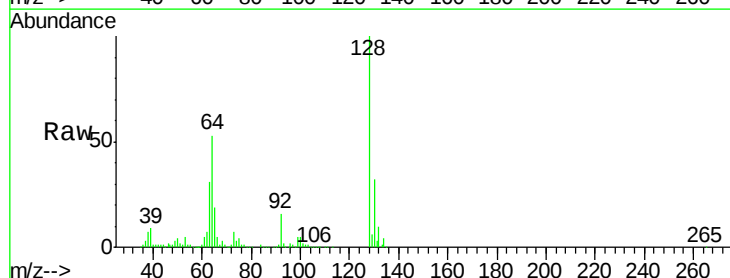
Tgt Ion: 128 Resp: 271752

Ion Ratio Lower Upper

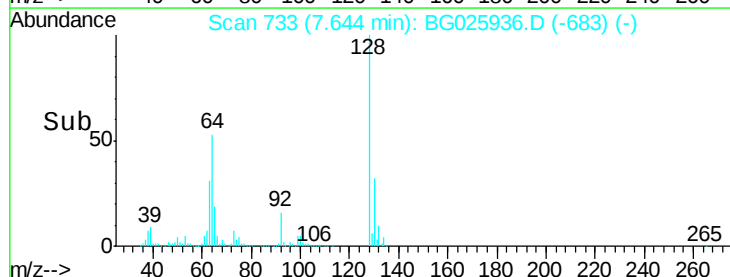
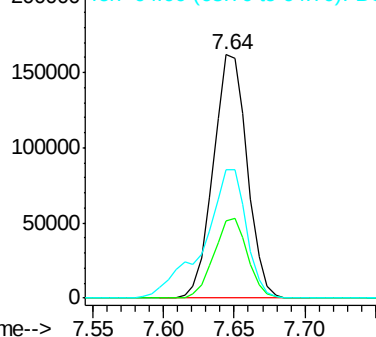
128 100

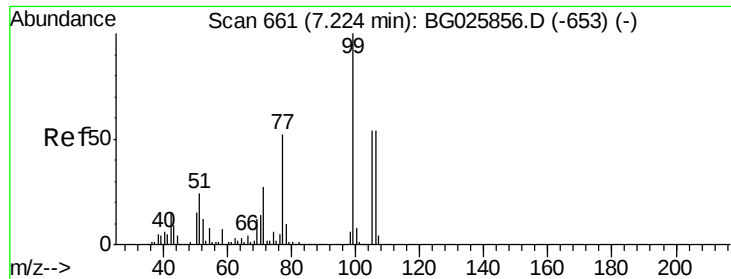
130 31.9 11.4 51.4

64 52.8 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.44 ng

RT: 7.22 min Scan# 660

Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

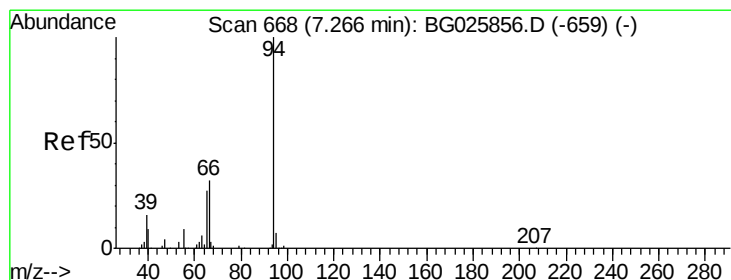
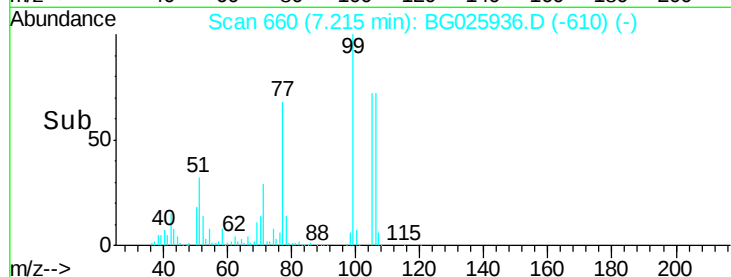
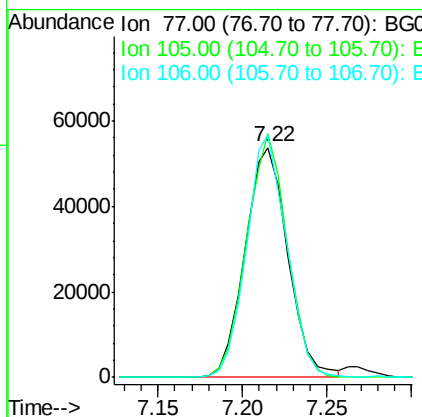
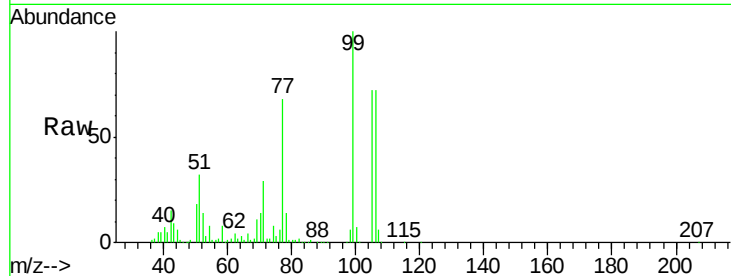
ClientSampleId :

PB97155BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	105.9	60.9	100.9#
106	105.4	55.1	95.1#

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#10

Phenol

Concen: 46.01 ng

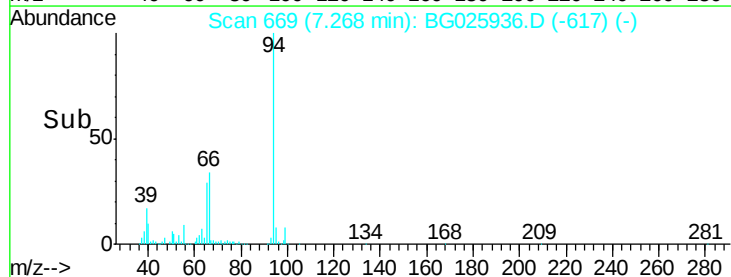
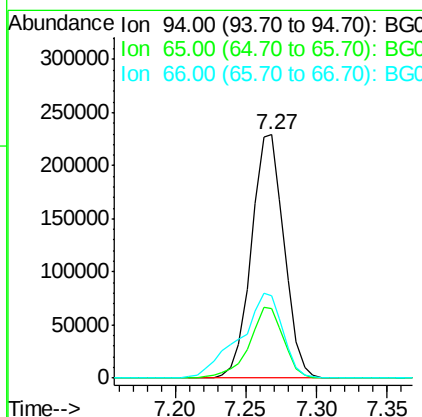
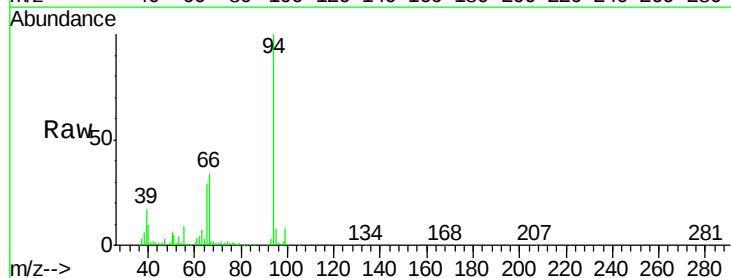
RT: 7.27 min Scan# 669

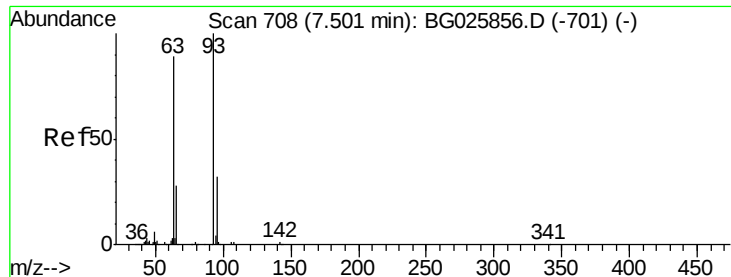
Delta R.T. 0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	20.6	60.6
66	33.9	35.5	75.5#





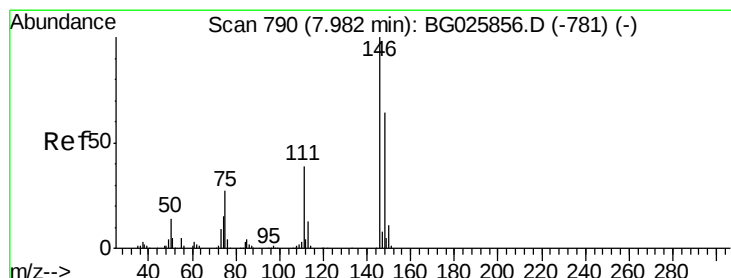
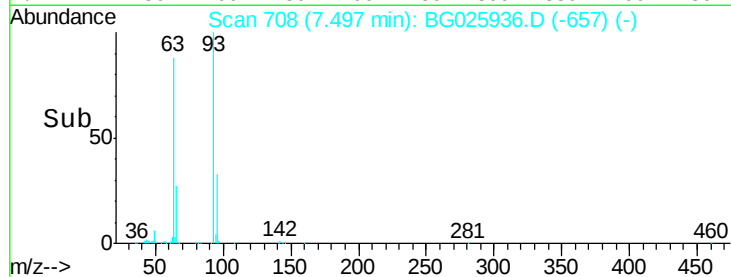
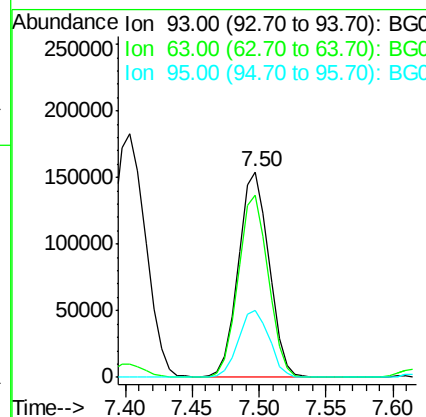
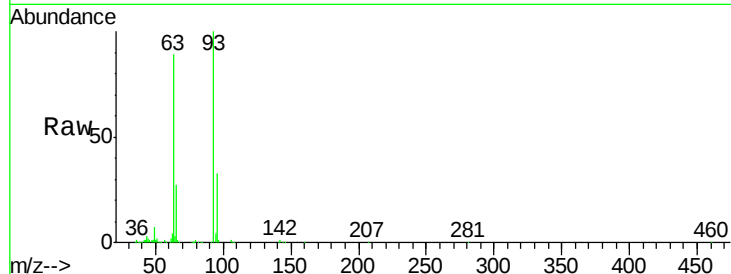
#11
bis(2-Chloroethyl)ether
Concen: 36.90 ng
RT: 7.50 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.5	78.5	118.5
95	32.6	9.8	49.8

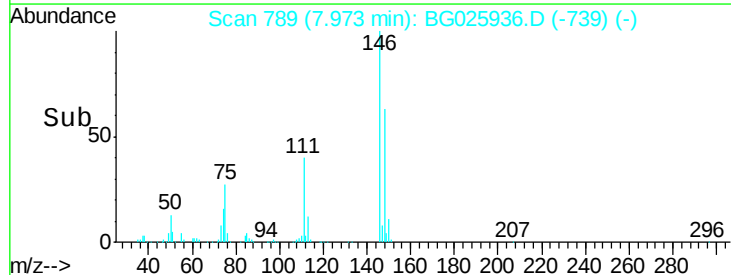
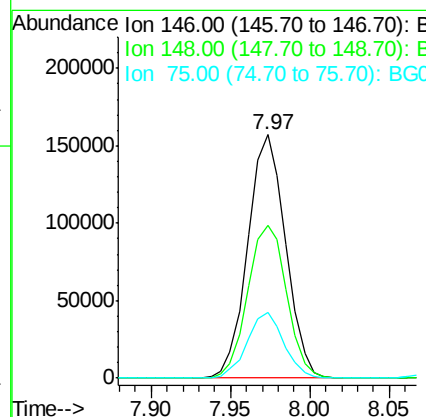
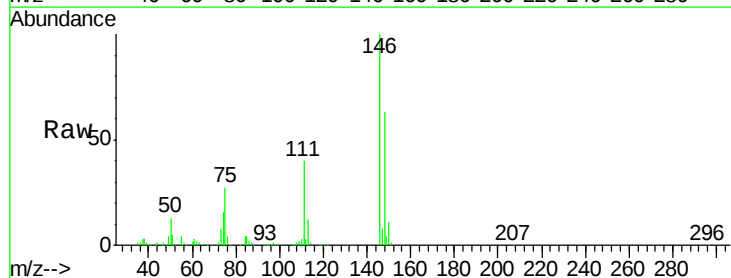
Manual Integrations
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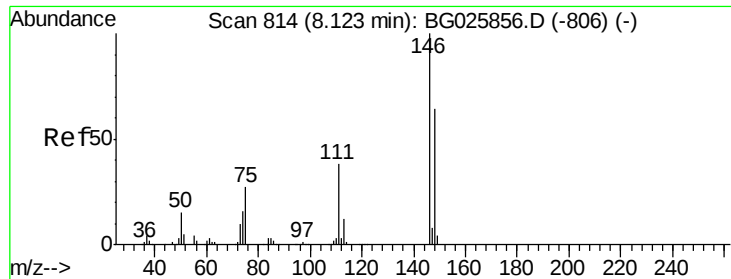
mohammad
2/27/2017 1:06:52 PM



#12
1,3-Dichlorobenzene
Concen: 37.55 ng
RT: 7.97 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.2	73.8
75	27.2	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 37.79 ng m

RT: 8.12 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

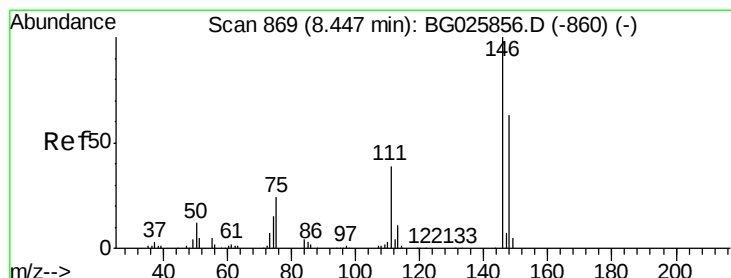
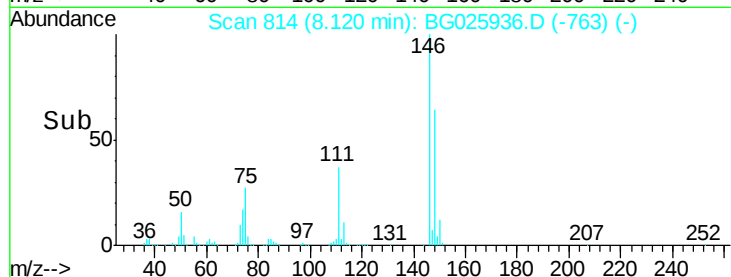
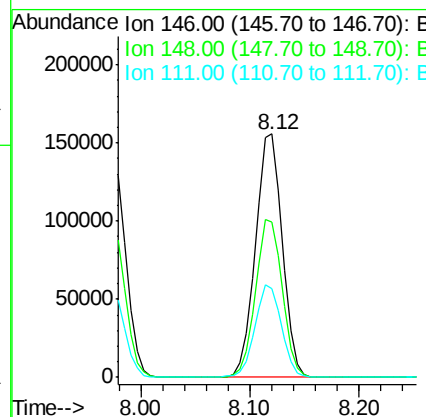
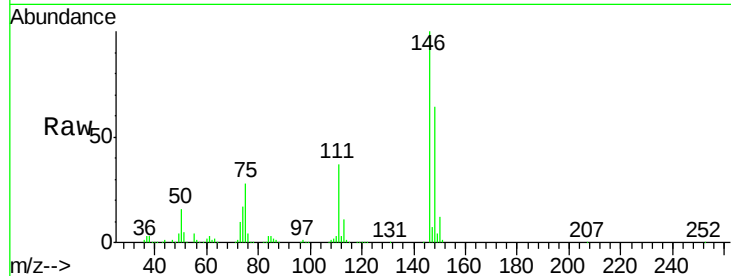
ClientSampleId :

PB97155BS

Tgt Ion:	146	Resp:	265037
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	36.7	37.0	55.6#

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#14

1,2-Dichlorobenzene

Concen: 37.30 ng

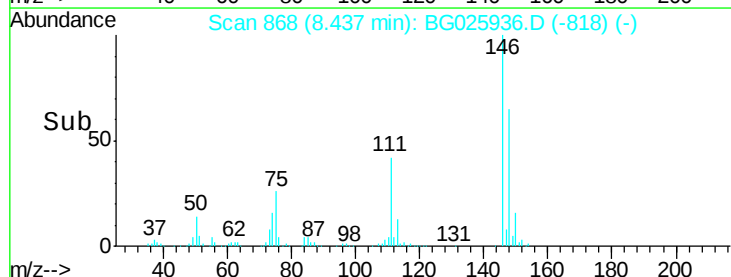
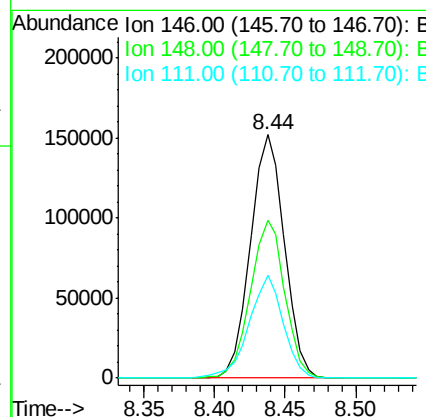
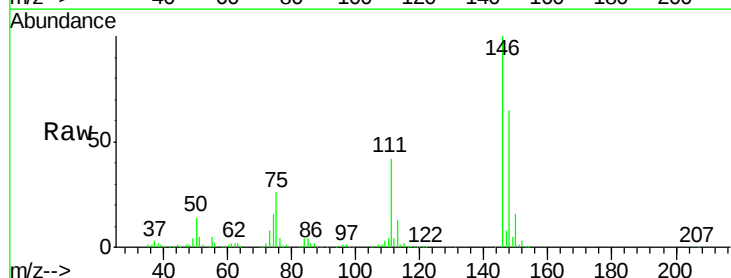
RT: 8.44 min Scan# 868

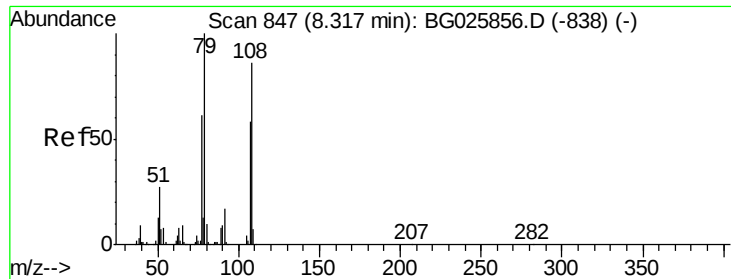
Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion:	146	Resp:	256836
Ion Ratio	Lower	Upper	
146	100		
148	65.1	54.6	81.8
111	42.1	39.7	59.5





#15

Benzyl Alcohol

Concen: 46.88 ng

RT: 8.31 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

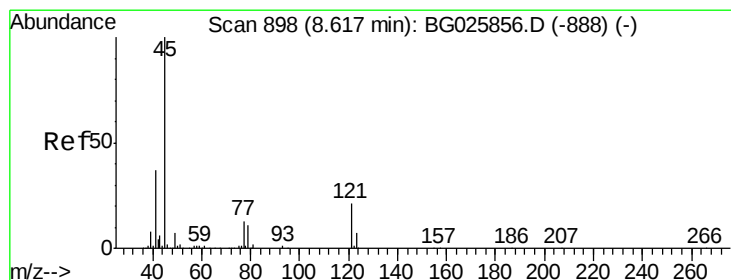
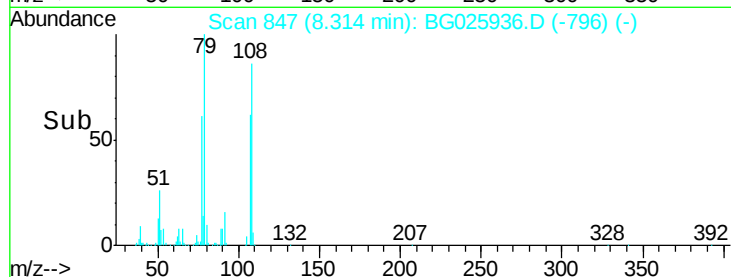
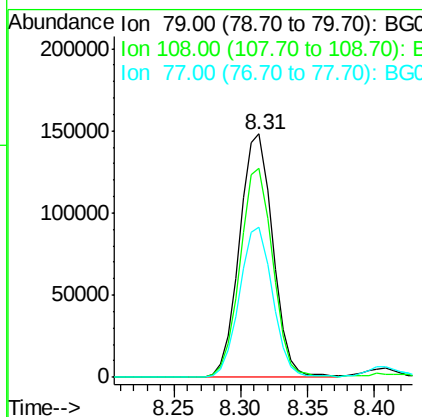
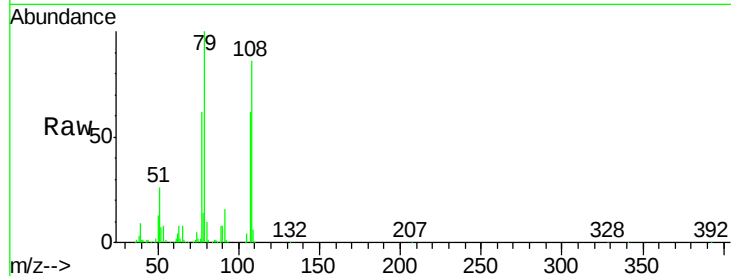
ClientSampleId :

PB97155BS

Tgt Ion:	79	Resp:	255988
Ion Ratio	Lower	Upper	
79	100		
108	85.8	45.5	68.3#
77	61.7	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.70 ng

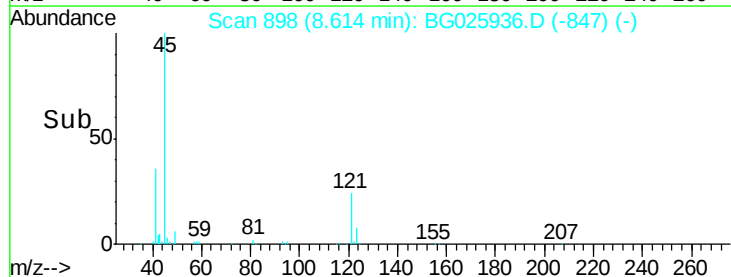
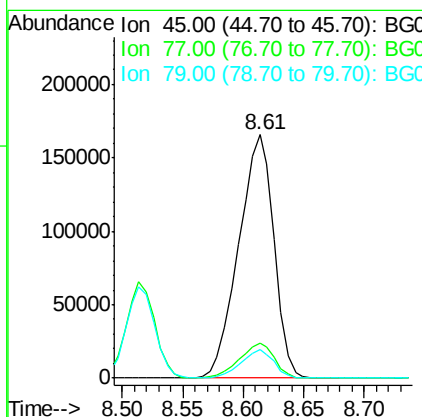
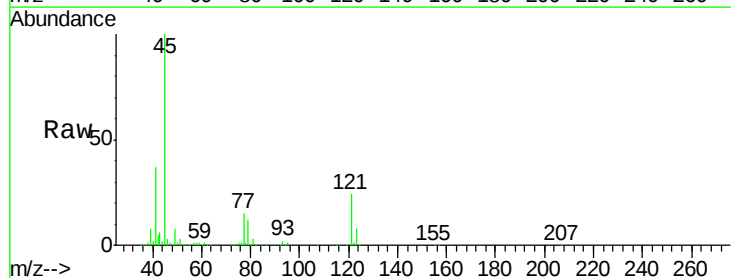
RT: 8.61 min Scan# 898

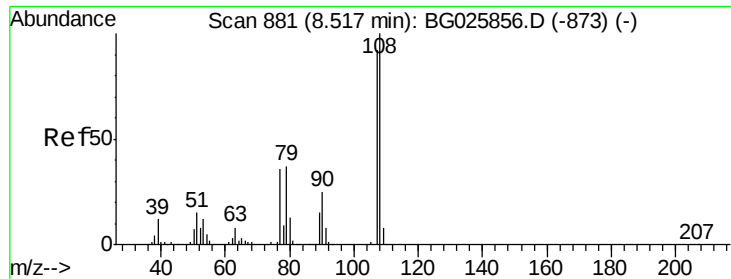
Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion:	45	Resp:	335451
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	30.6
79	11.8	0.0	28.5





#17

2-Methylphenol

Concen: 44.49 ng

RT: 8.51 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

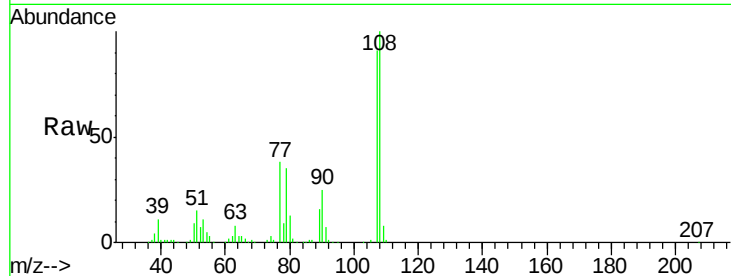
ClientSampleId :

PB97155BS

Tgt	Ion	107	Resp:	259730
	Ratio	Lower	Upper	
107	100			
108	110.0	85.6	128.4	
77	41.6	51.4	77.2#	
79	39.0	49.2	73.8#	

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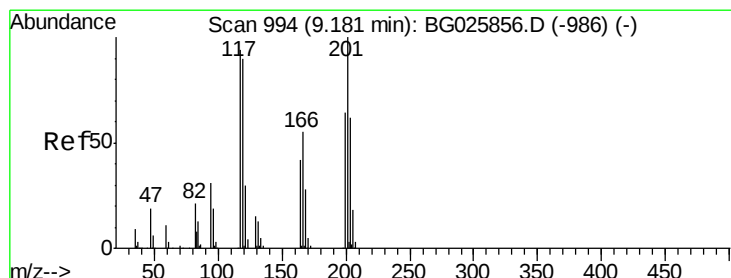
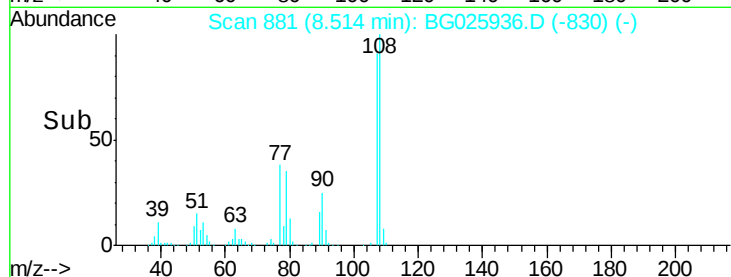
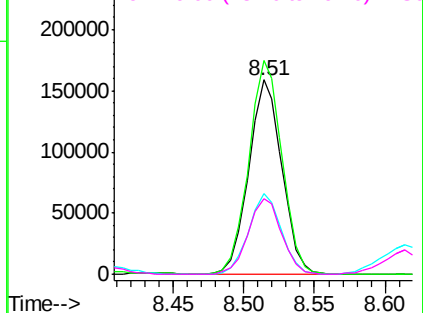
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.37 ng

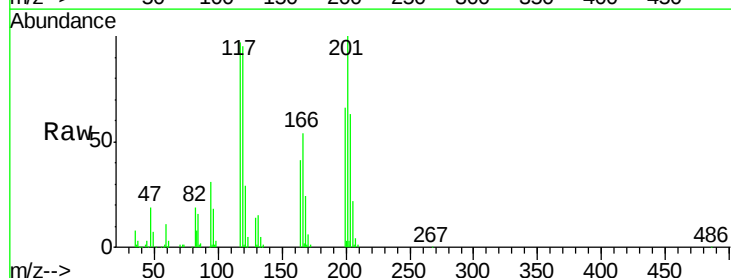
RT: 9.17 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt	Ion	117	Resp:	86861
	Ratio	Lower	Upper	
117	100			
119	97.2	69.8	104.6	
201	102.8	95.4	143.0	

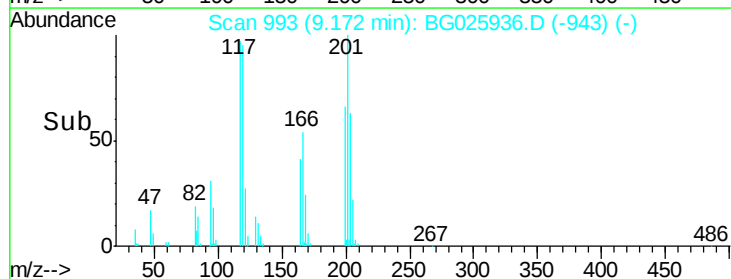
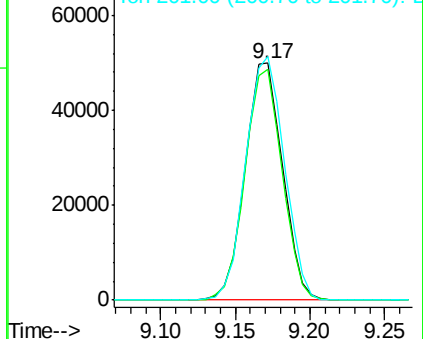


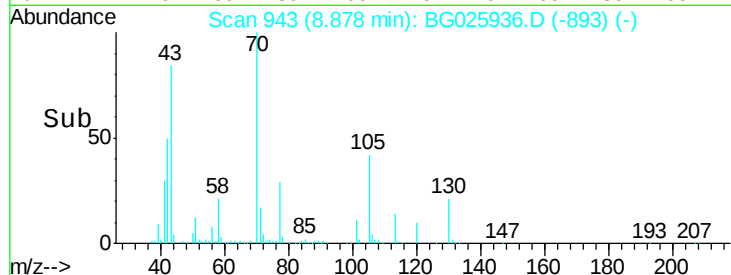
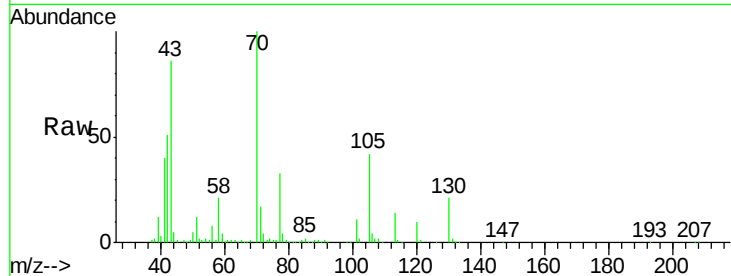
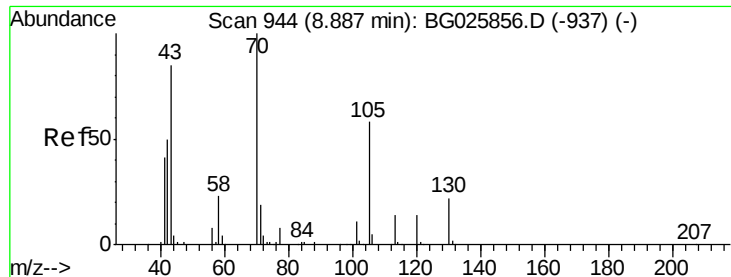
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





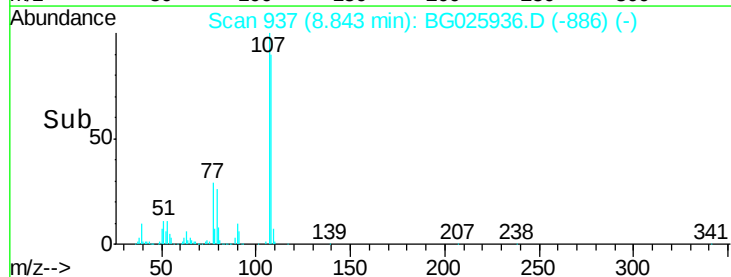
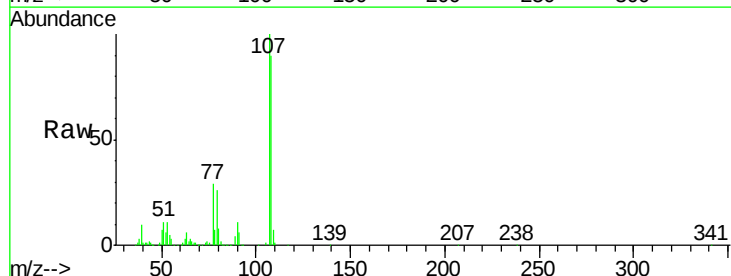
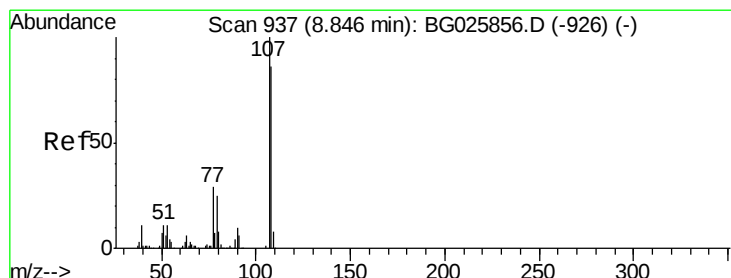
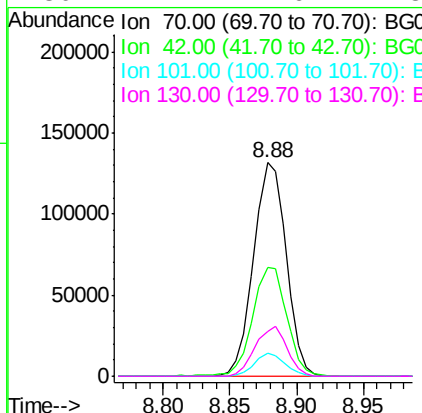
#19
n-Nitroso-di-n-propylamine
Concen: 40.82 ng
RT: 8.88 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.2	56.1	84.1#
101	10.9	7.5	11.3
130	21.2	14.6	21.8

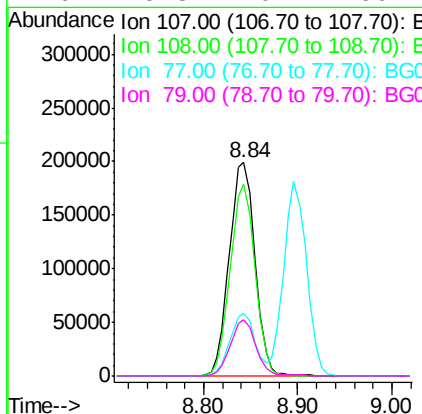
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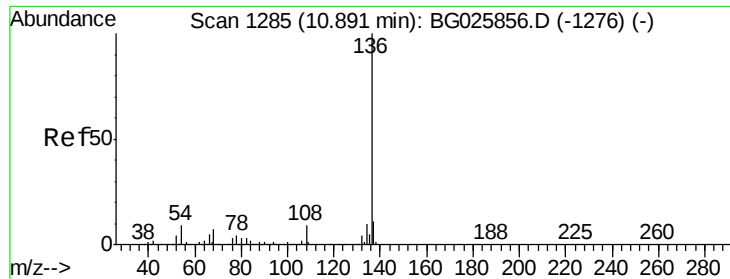
mohammad
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#20
3+4-Methylphenols
Concen: 45.57 ng
RT: 8.84 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.8	110.8
77	29.4	25.8	65.8
79	26.3	20.1	60.1





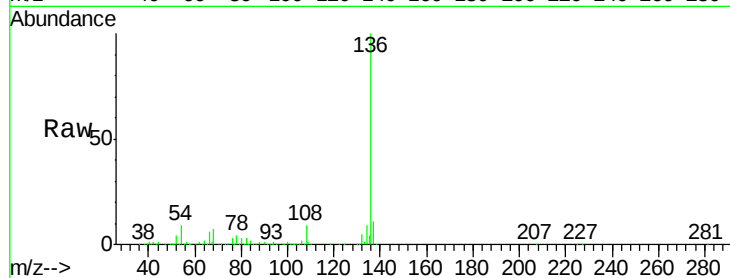
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

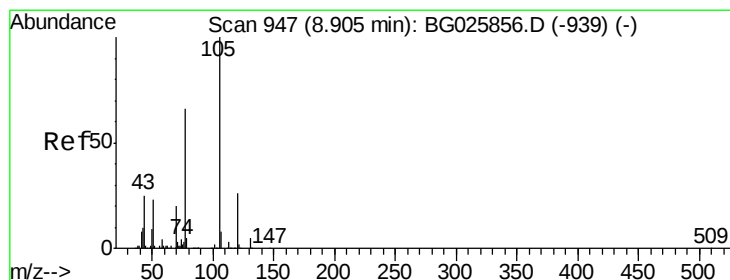
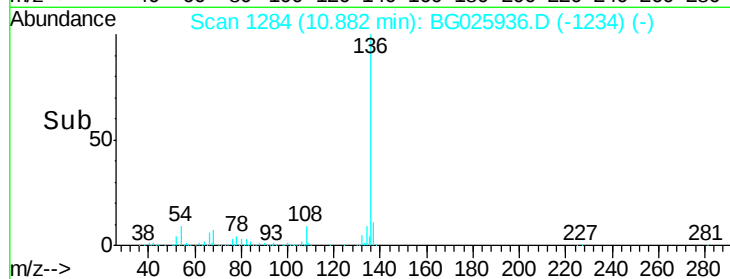
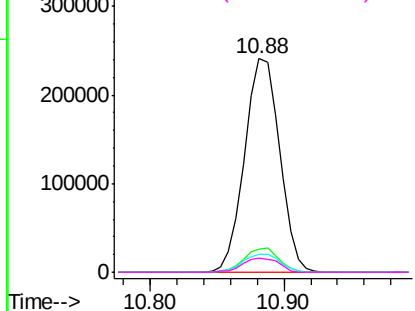
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	436661		
137	10.7	8.9	13.3	
54	8.5	9.3	13.9	
68	6.8	5.1	7.7	

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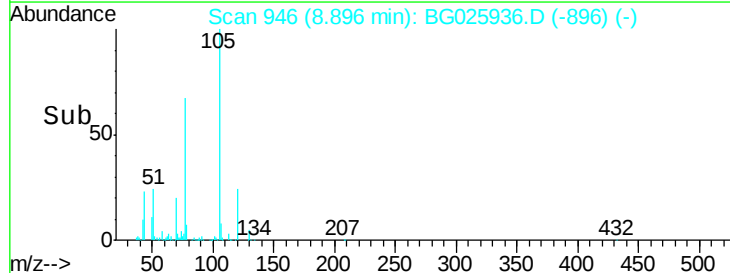
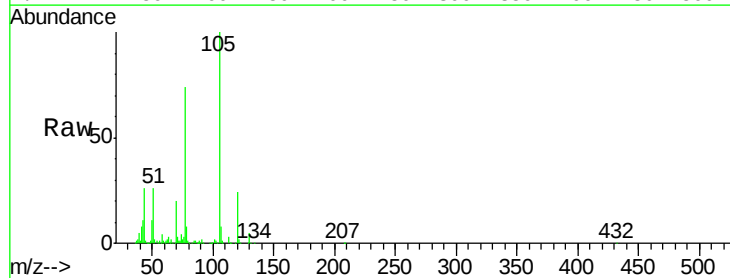
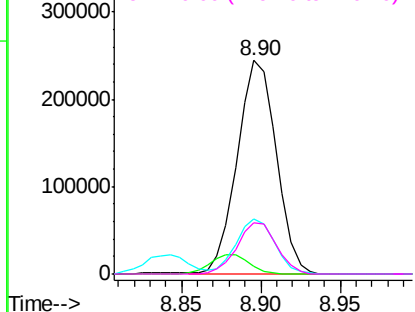
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

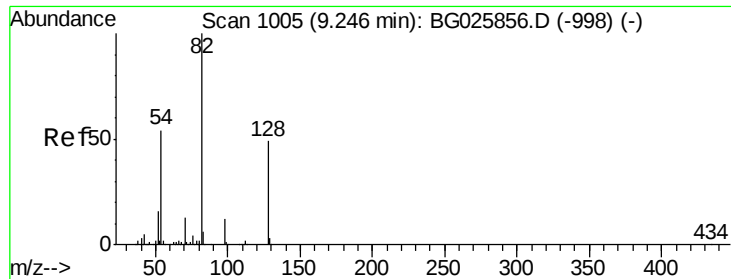


#22
Acetophenone
Concen: 40.04 ng
RT: 8.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	419563		
71	3.4	0.9	1.3	
51	25.7	34.0	51.0	
120	23.7	17.3	25.9	

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





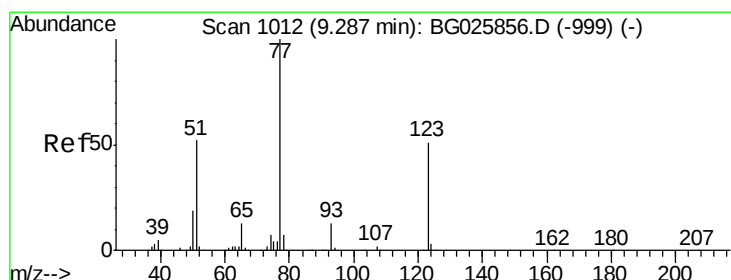
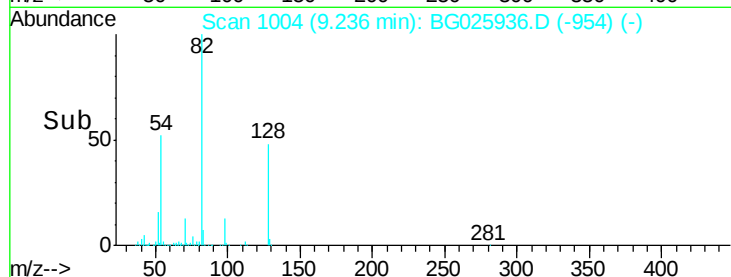
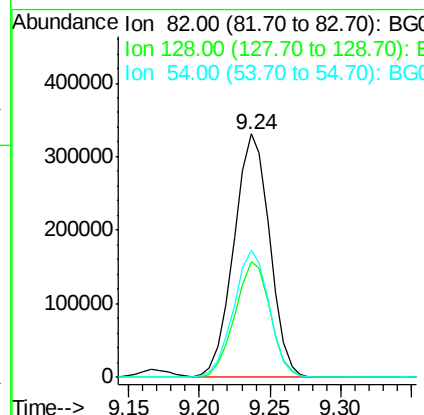
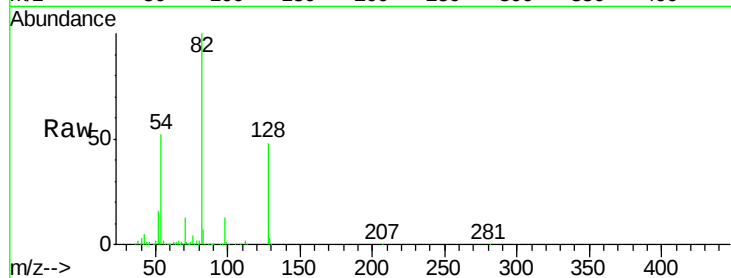
#23
Nitrobenzene-d5
Concen: 84.51 ng
RT: 9.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	26.4	39.6#
54	52.1	49.4	74.2

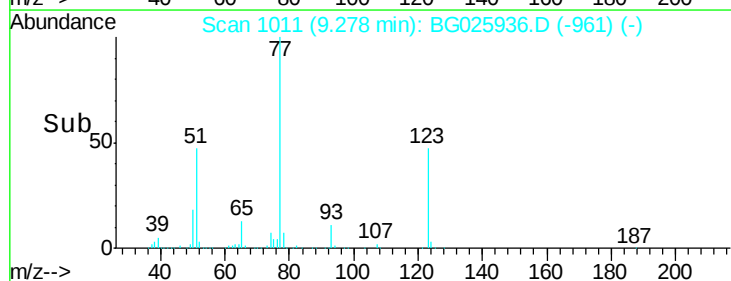
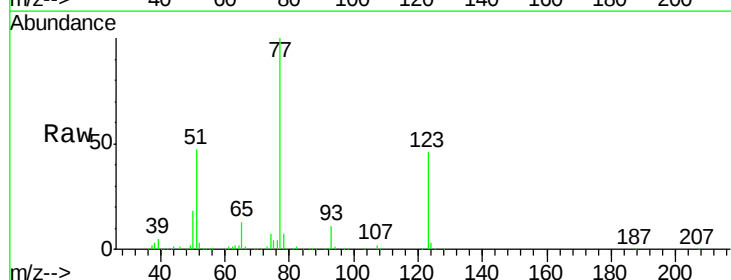
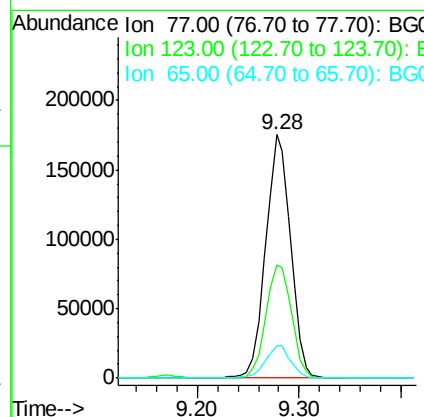
Manual Integrations
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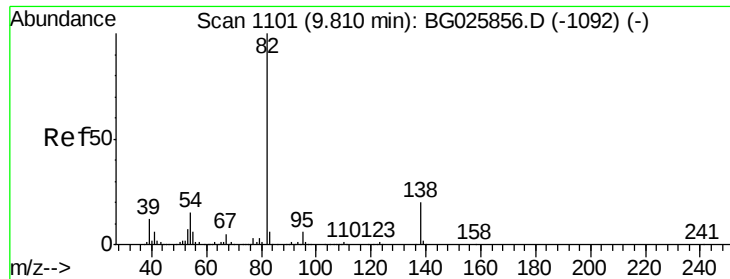
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#24
Nitrobenzene
Concen: 39.72 ng
RT: 9.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	26.1	39.1#
65	13.4	12.4	18.6





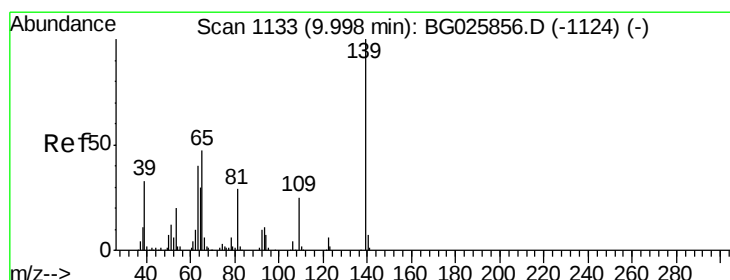
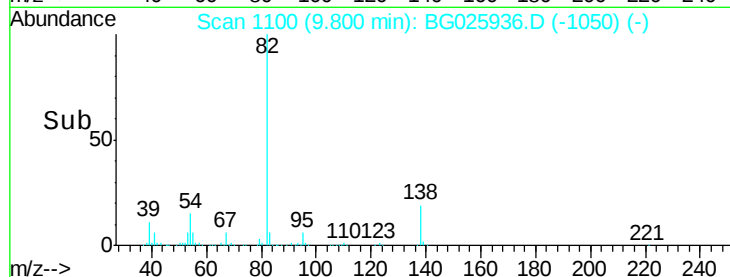
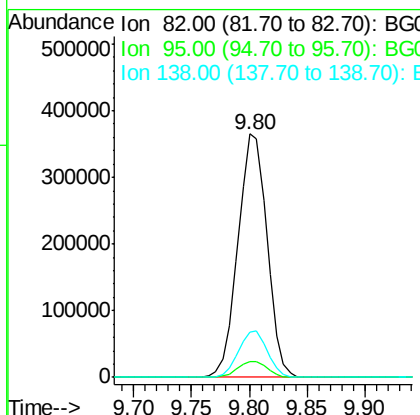
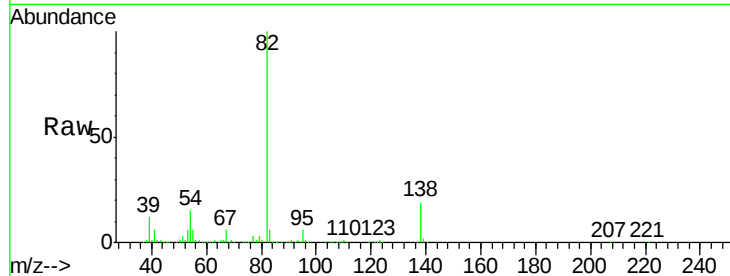
#25
Isophorone
Concen: 41.83 ng
RT: 9.80 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.4	7.5	11.3#
138	18.8	12.3	18.5#

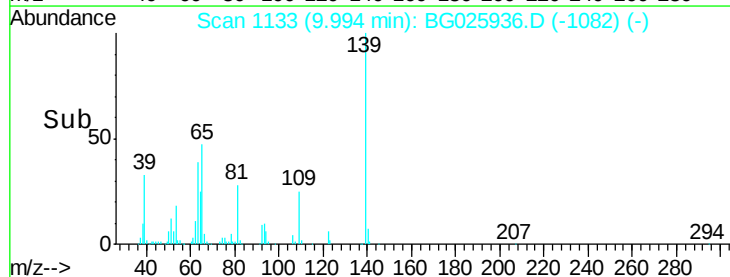
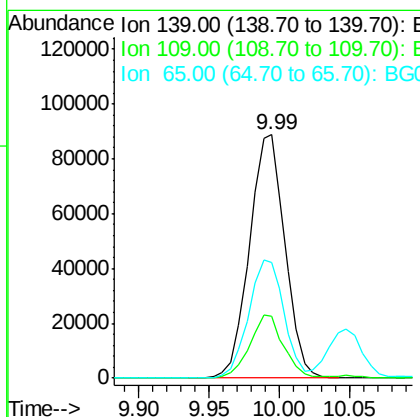
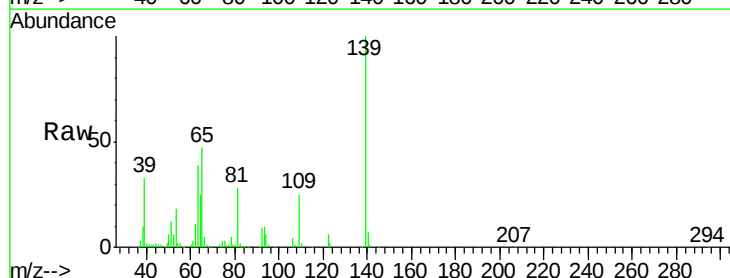
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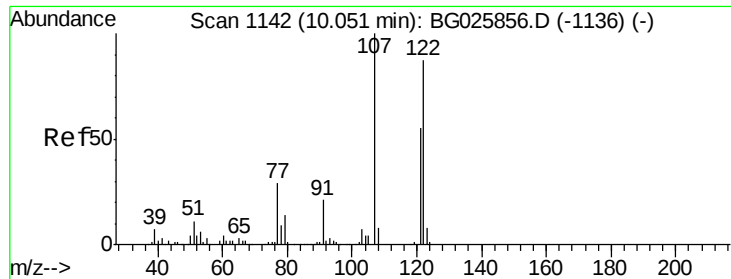
mohammad
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#26
2-Nitrophenol
Concen: 44.72 ng
RT: 9.99 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	25.3	38.6	58.0#
65	47.4	57.1	85.7#





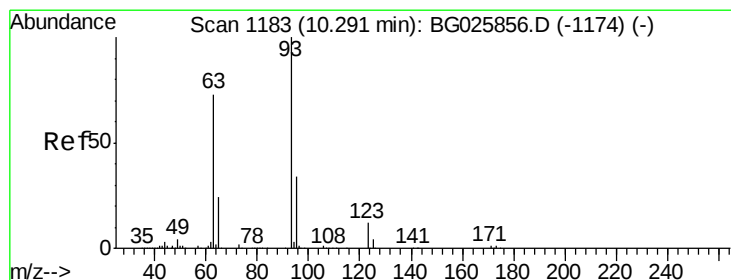
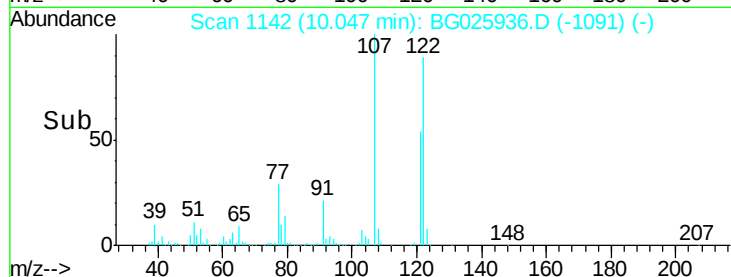
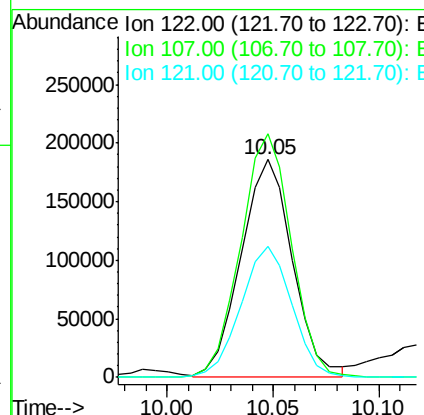
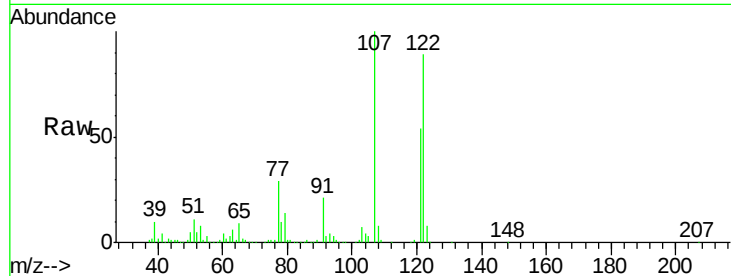
#27
 2,4-Dimethylphenol
 Concen: 47.94 ng
 RT: 10.05 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampled :
 PB97155BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.9	104.2	156.4
121	60.2	46.0	69.0

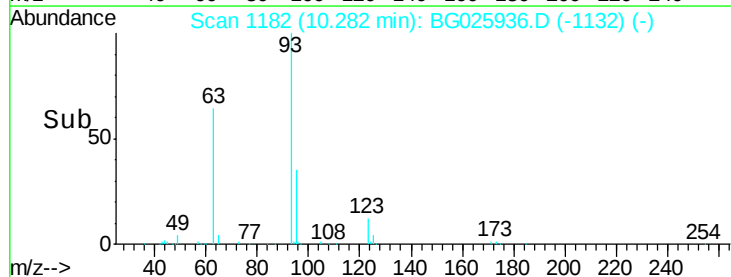
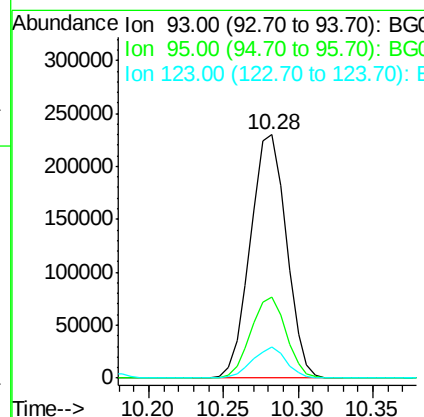
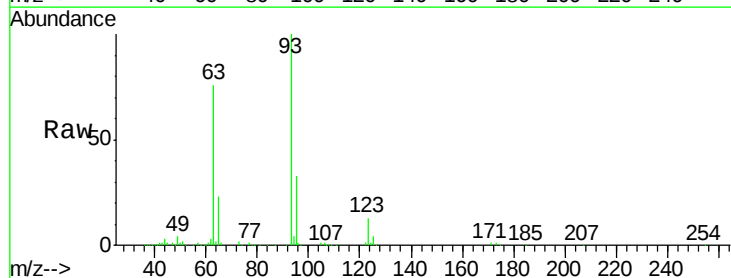
Manual Integrations
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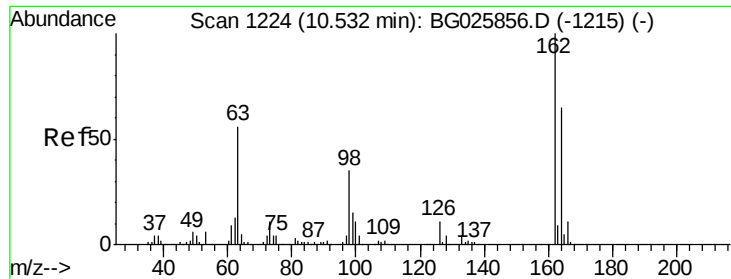
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.81 ng
 RT: 10.28 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.7	38.5
123	12.7	8.3	12.5#





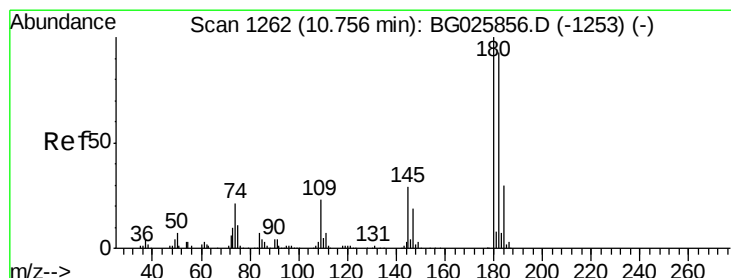
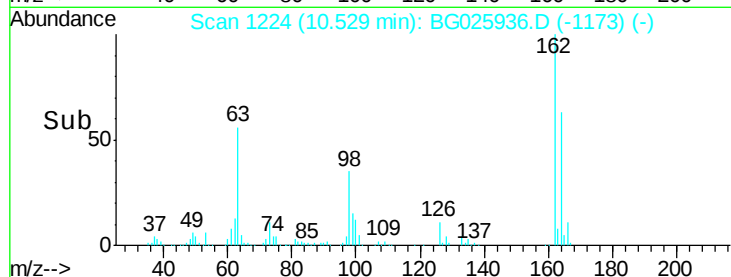
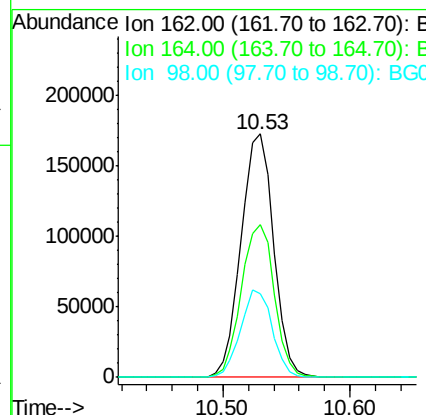
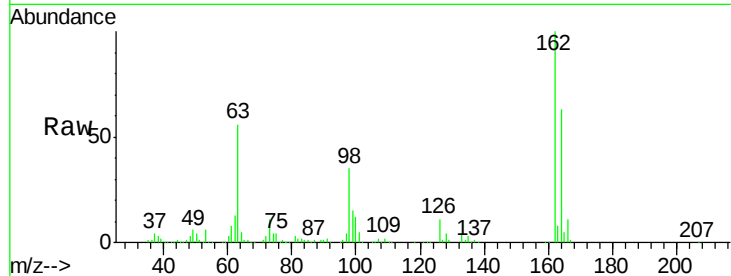
#29
2,4-Dichlorophenol
Concen: 49.42 ng
RT: 10.53 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	308057		
164	62.6	42.4	82.4	
98	34.6	20.3	60.3	

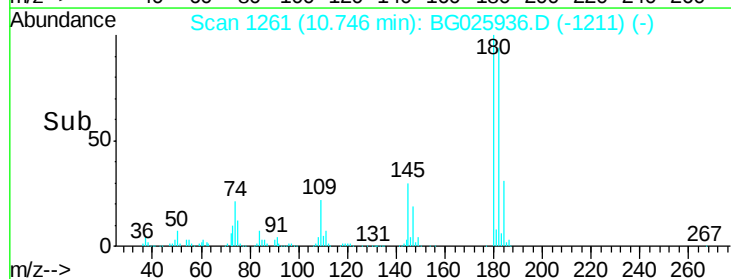
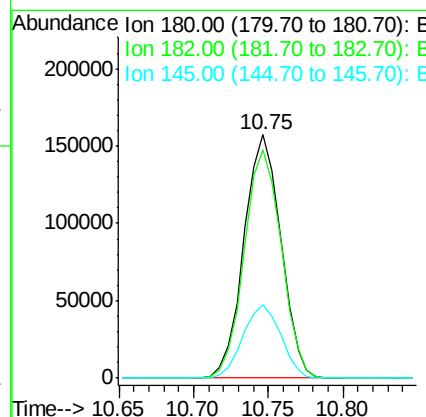
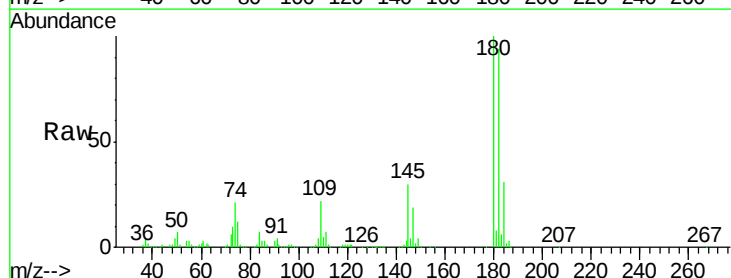
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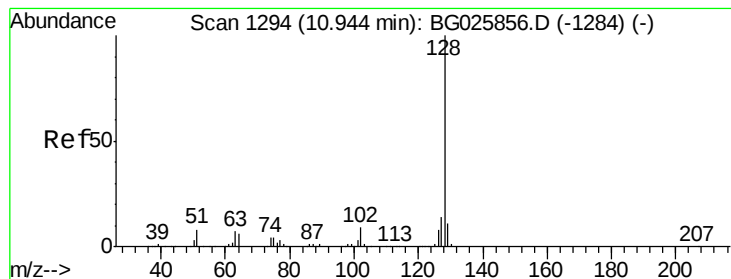
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#30
1,2,4-Trichlorobenzene
Concen: 39.76 ng
RT: 10.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	269483		
182	93.9	77.0	115.4	
145	30.4	23.4	35.0	





#31

Naphthalene

Concen: 39.23 ng

RT: 10.93 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

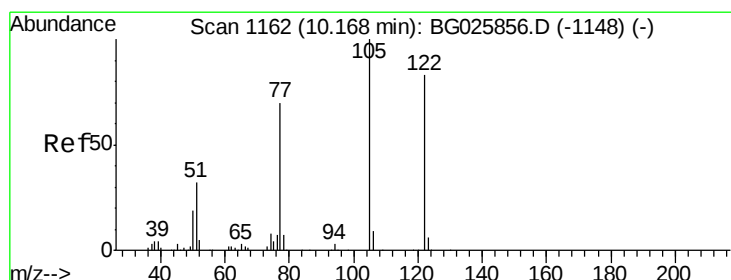
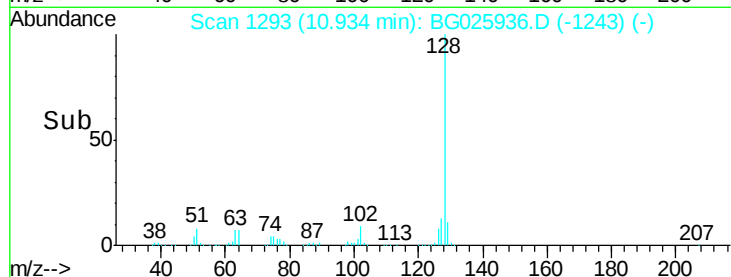
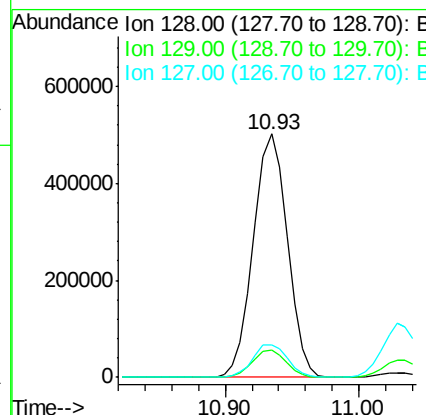
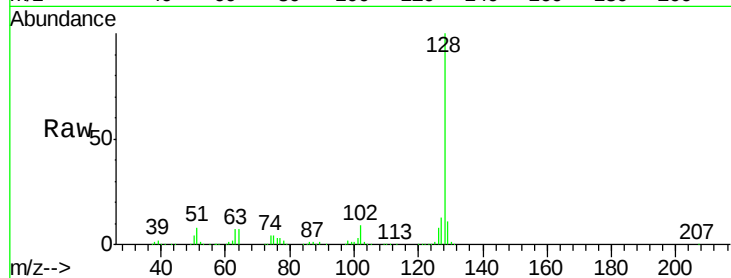
ClientSampleId :

PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	885582		
129	11.0	9.3	13.9	
127	13.3	11.4	17.0	

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#32

Benzoic acid

Concen: 50.30 ng

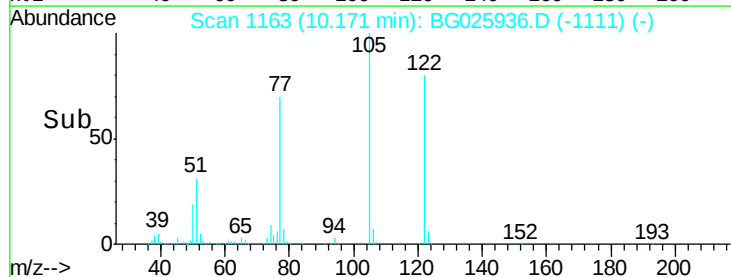
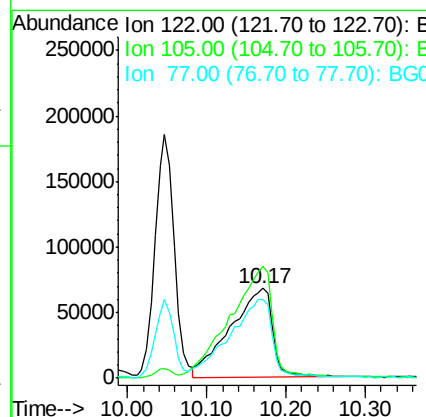
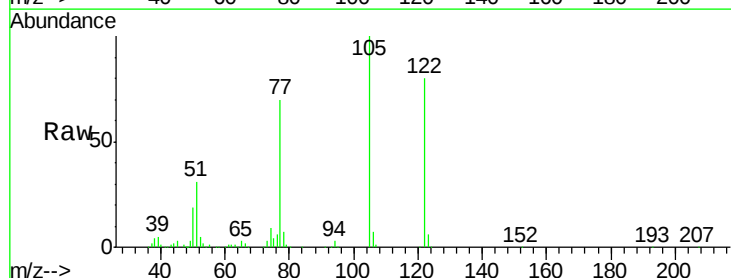
RT: 10.17 min Scan# 1163

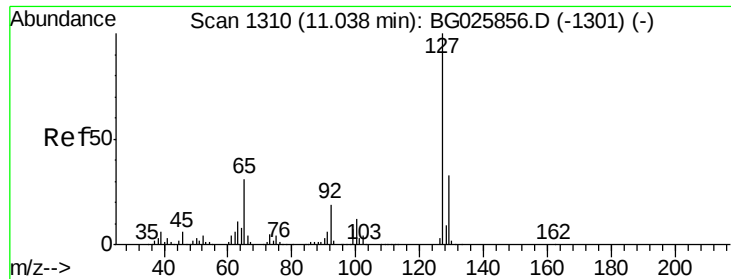
Delta R.T. 0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	250784		
105	124.6	120.1	160.1	
77	87.7	104.6	144.6	





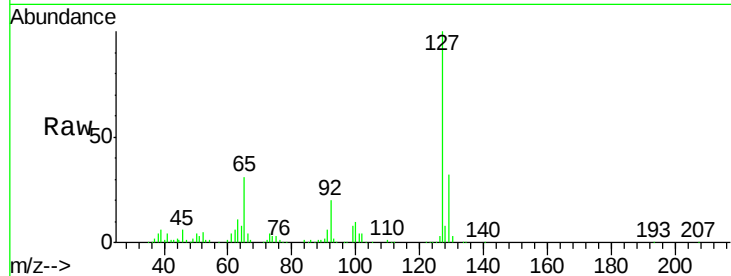
#33
4-Chloroaniline
Concen: 20.75 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

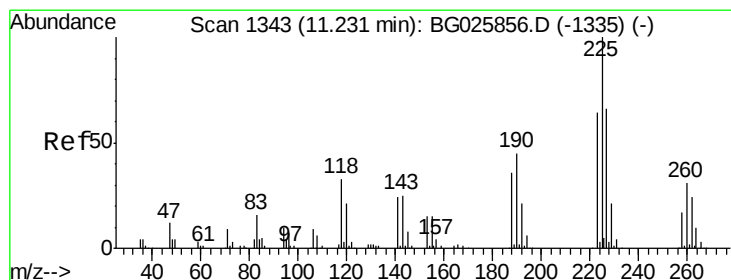
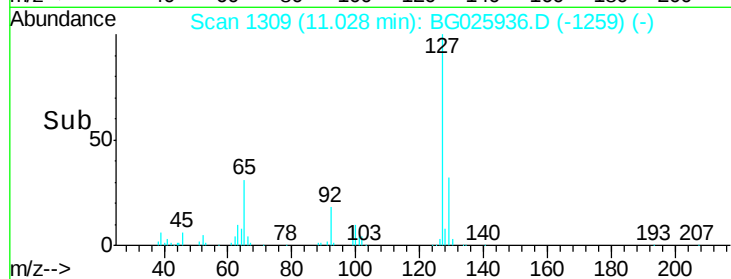
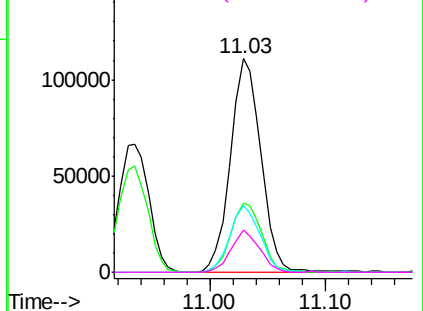
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	203460		
129	32.4	23.6	35.4	
65	30.9	37.7	56.5	
92	19.7	17.6	26.4	

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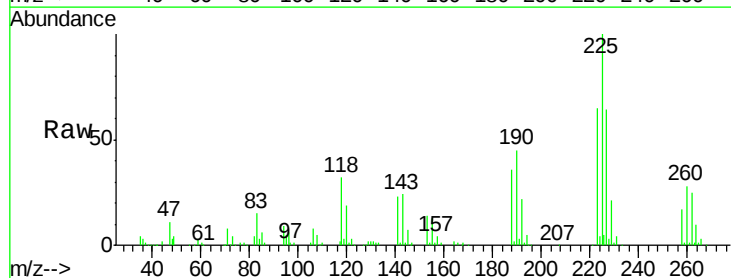


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

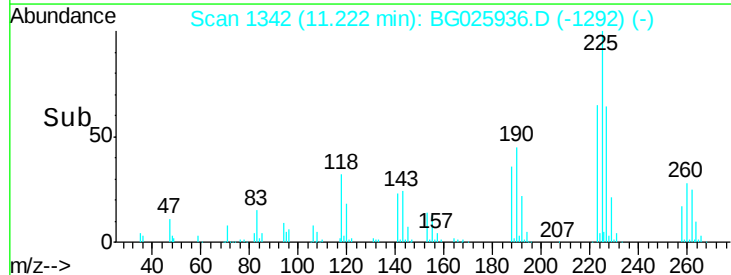
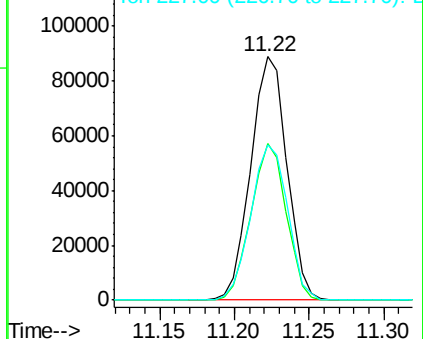


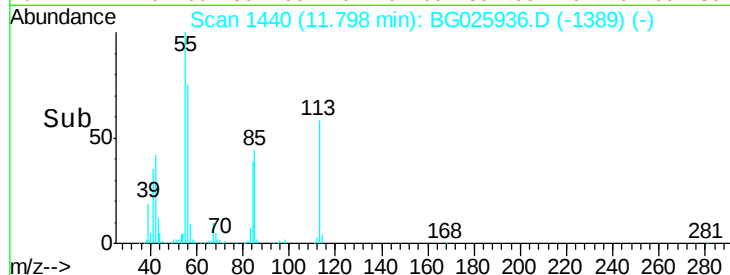
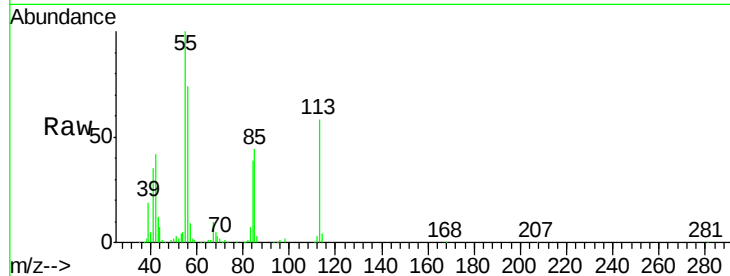
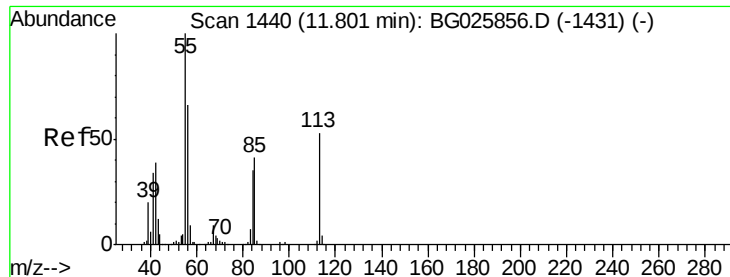
#34
Hexachlorobutadiene
Concen: 38.52 ng
RT: 11.22 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148596		
223	64.6	50.7	76.1	
227	63.8	49.0	73.6	



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: 57.03 ng m

RT: 11.80 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB97155BS

Tgt Ion:113 Resp: 143555

Ion Ratio Lower Upper

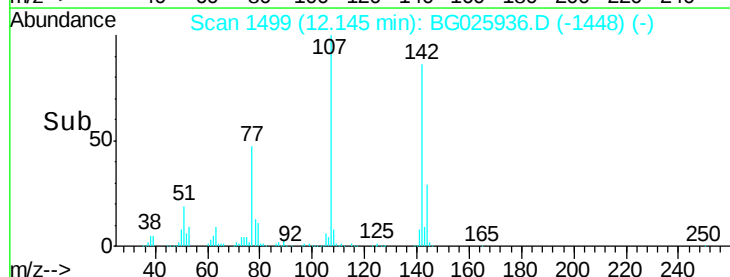
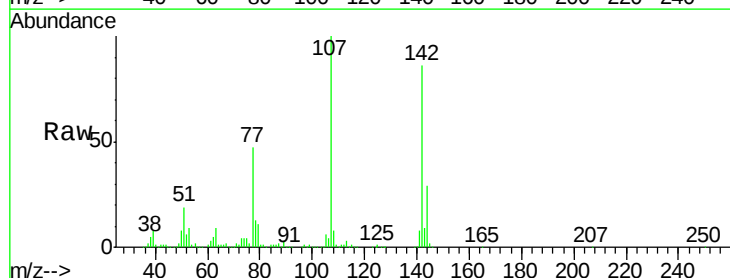
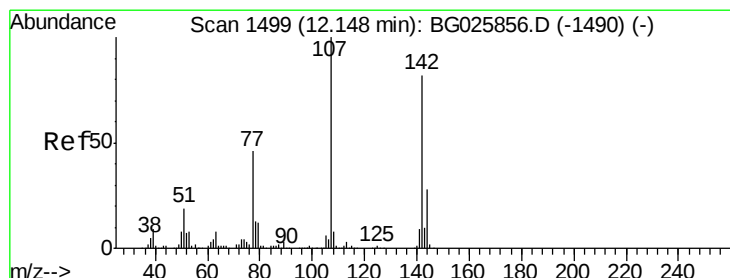
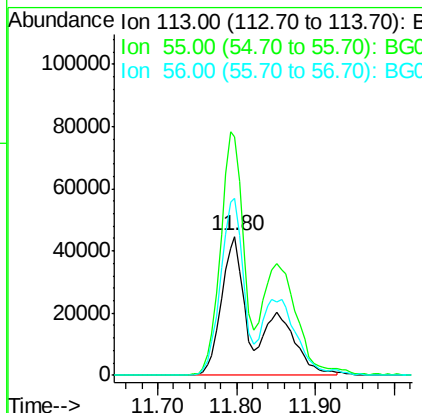
113 100

55 172.2 198.6 238.6#

56 127.7 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 49.47 ng

RT: 12.14 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

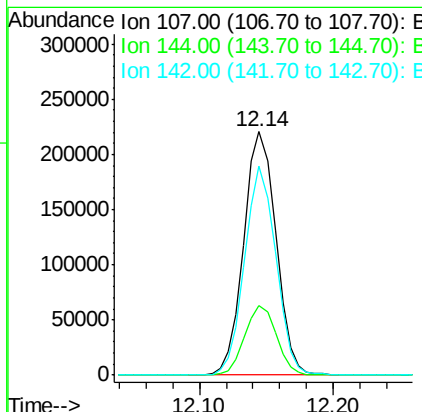
Tgt Ion:107 Resp: 368876

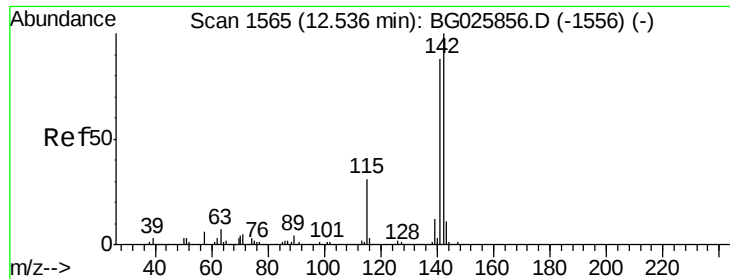
Ion Ratio Lower Upper

107 100

144 28.7 17.4 26.0#

142 85.7 54.1 81.1#





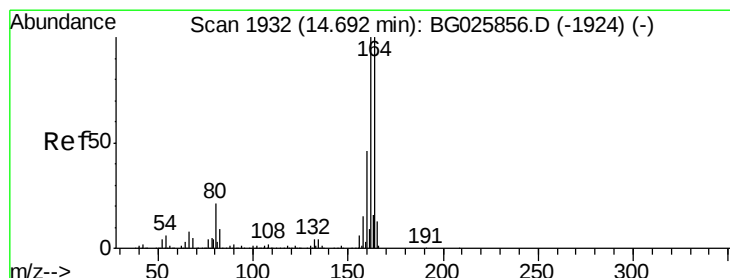
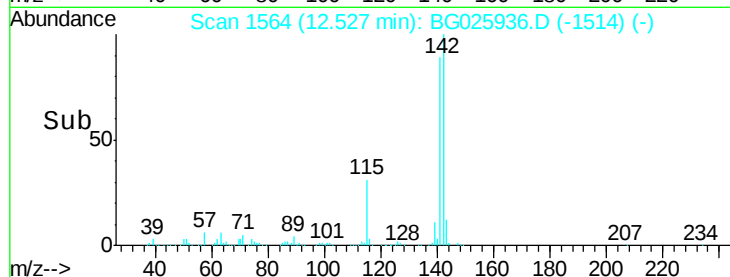
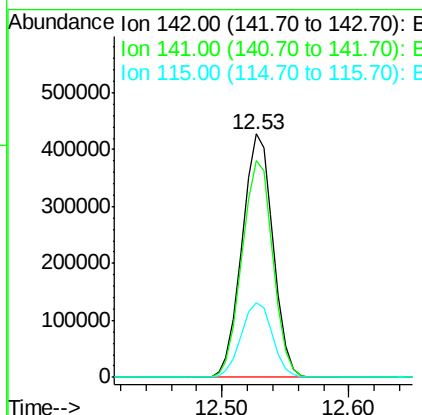
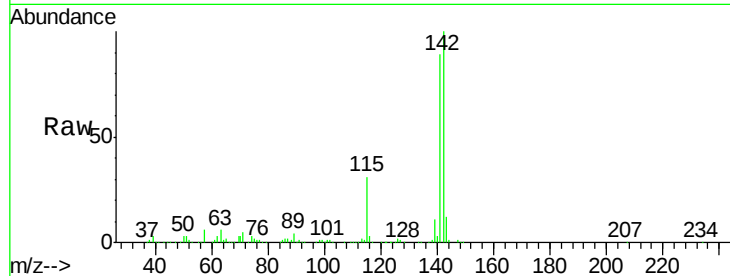
#37
 2-Methylnaphthalene
 Concen: 42.07 ng
 RT: 12.53 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	723296		
141	89.2	70.4	105.6	
115	30.6	35.5	53.3#	

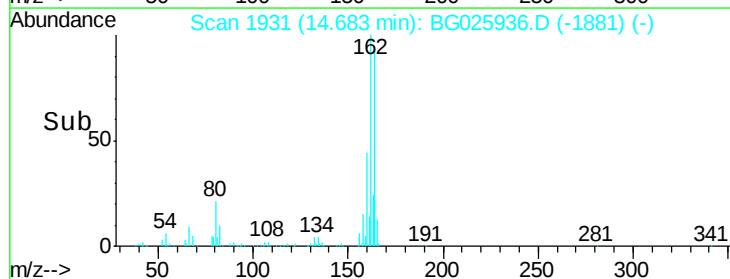
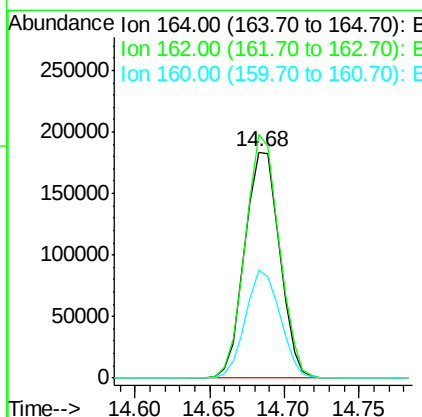
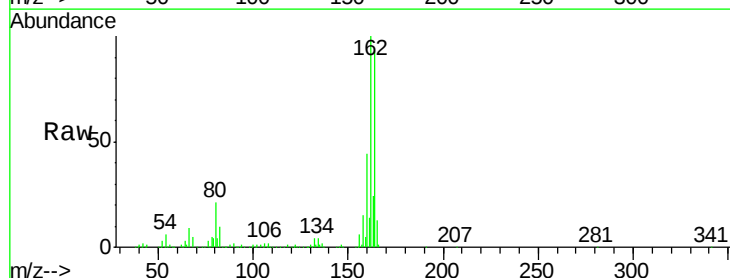
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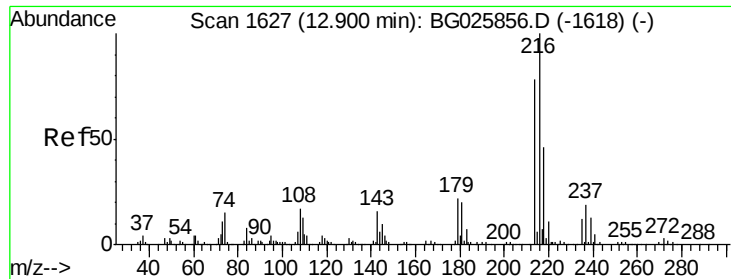
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296895		
162	107.7	85.1	127.7	
160	47.6	34.7	52.1	





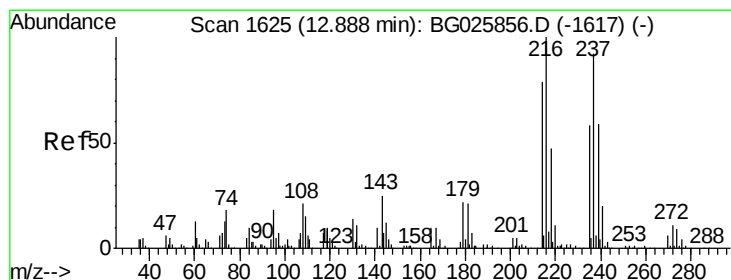
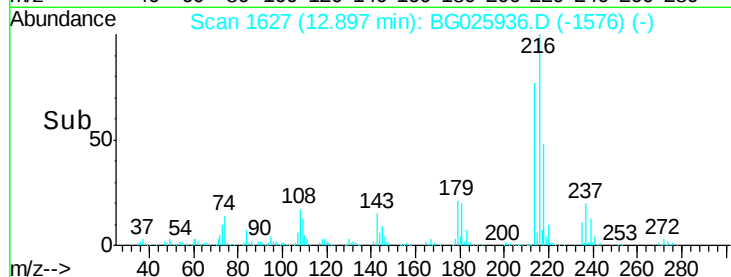
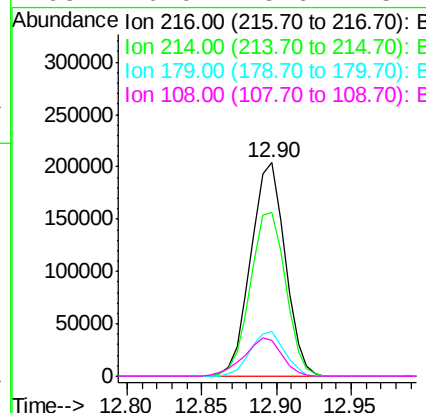
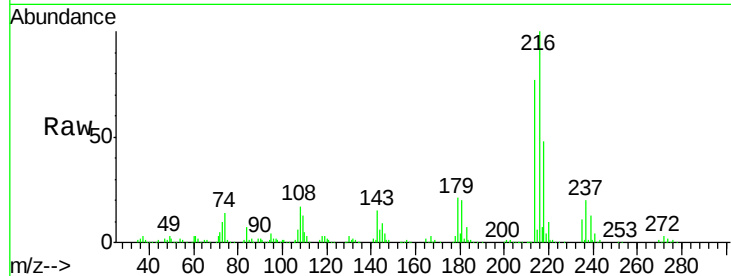
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.52 ng
 RT: 12.90 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	323863		
214	79.0	64.4	96.6	
179	20.9	17.4	26.0	
108	20.0	15.6	23.4	

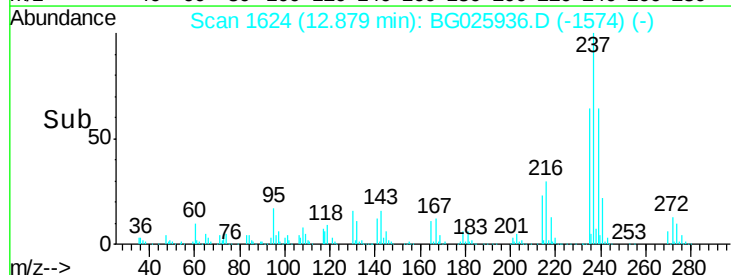
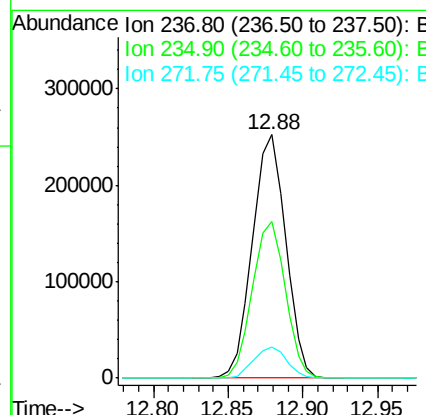
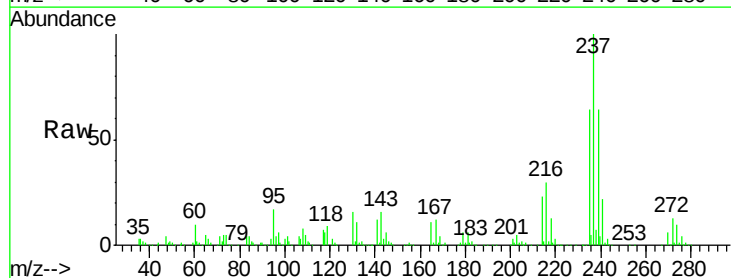
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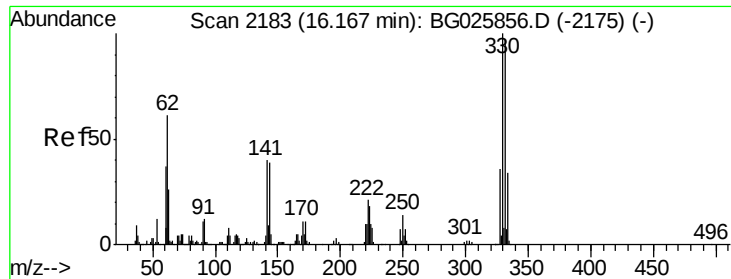
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#40
 Hexachlorocyclopentadiene
 Concen: 95.80 ng
 RT: 12.88 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	390082		
235	64.2	39.4	79.4	
272	12.7	0.0	32.0	





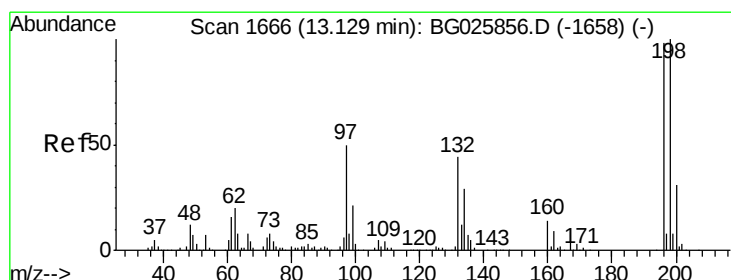
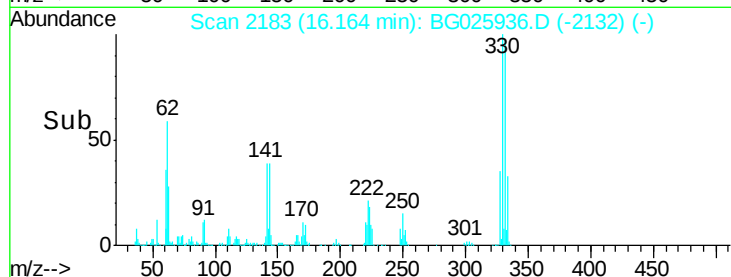
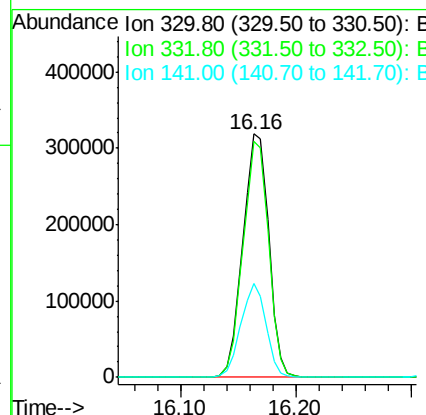
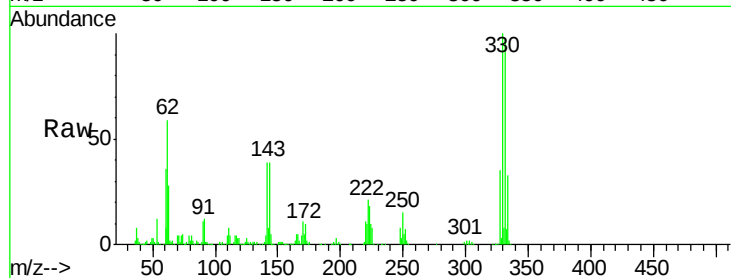
#41
 2,4,6-Tribromophenol
 Concen: 181.33 ng
 RT: 16.16 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	497400		
332	95.2	77.3	115.9	
141	37.1	32.1	48.1	

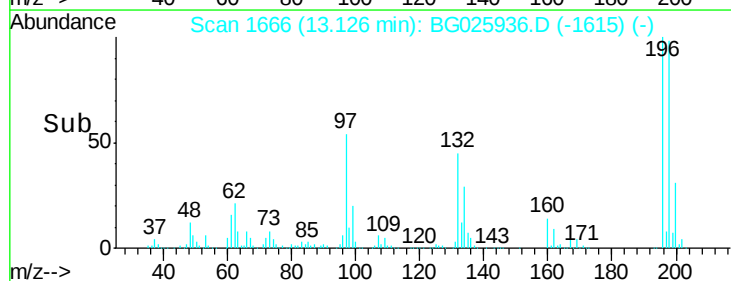
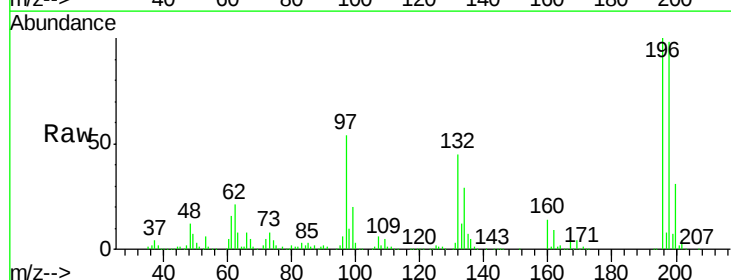
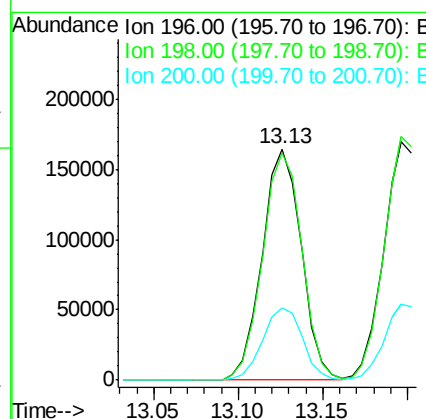
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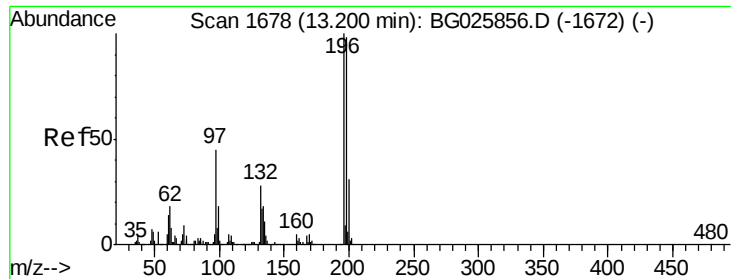
mohammad
 2/27/2017 1:06:52 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.13 ng
 RT: 13.13 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264938		
198	97.9	81.4	122.2	
200	31.1	27.0	40.6	





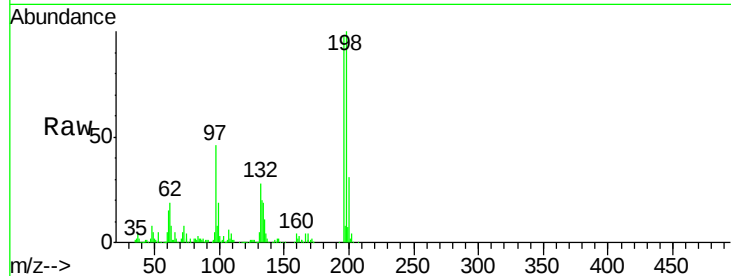
#43
2,4,5-Trichlorophenol
Concen: 51.88 ng
RT: 13.20 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampled :
PB97155BS

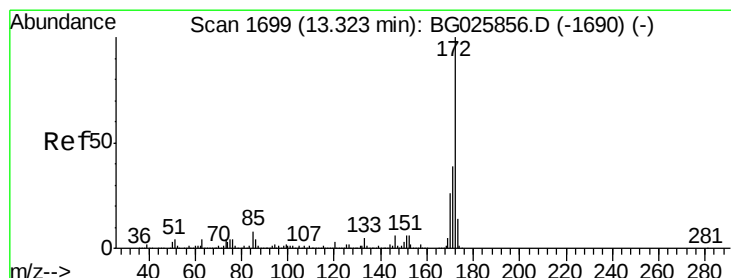
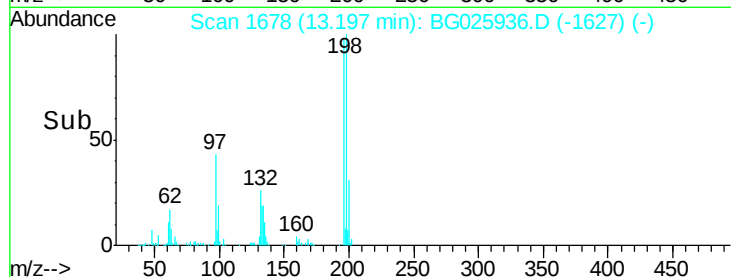
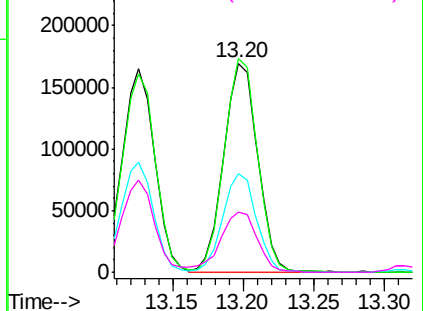
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283042		
198	102.2	79.9	119.9	
97	47.0	45.4	68.0	
132	29.1	20.7	31.1	

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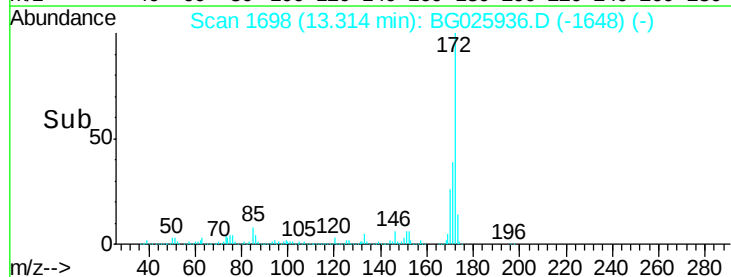
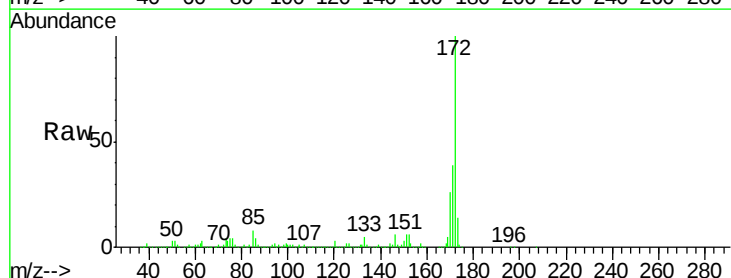
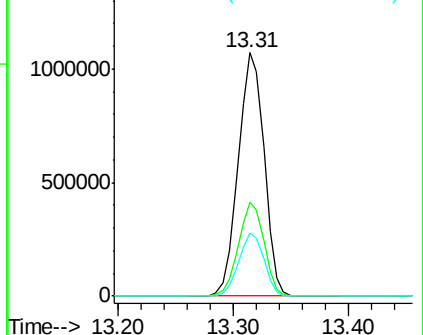
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

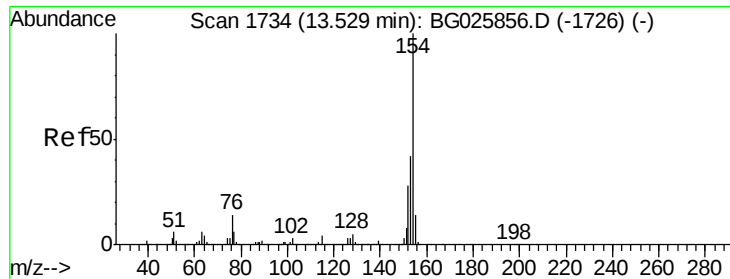


#44
2-Fluorobiphenyl
Concen: 97.69 ng
RT: 13.31 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1659924		
171	38.8	32.2	48.2	
170	25.9	21.8	32.6	

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





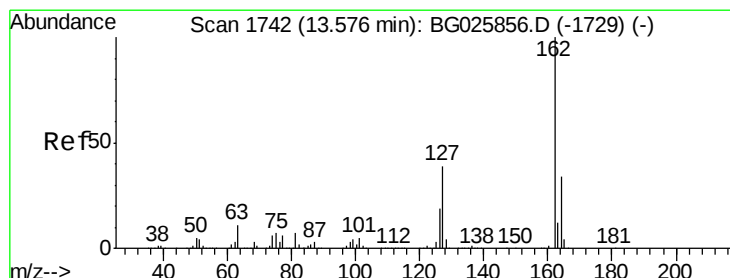
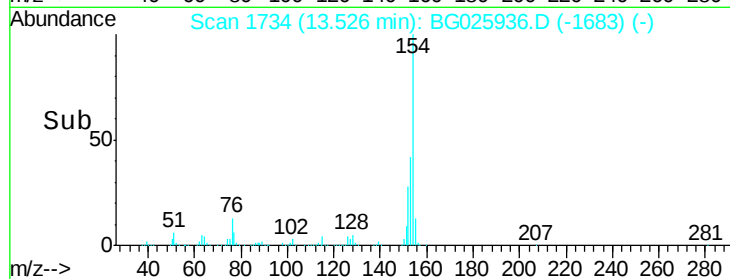
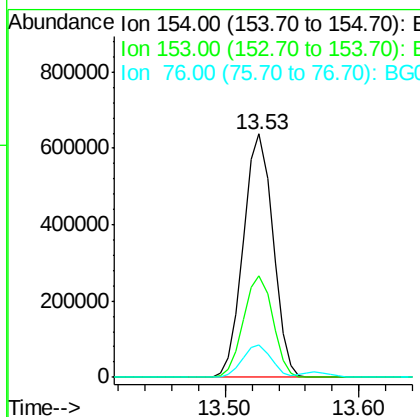
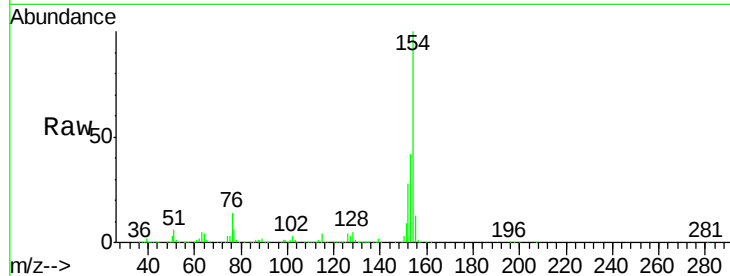
#45
 1,1'-Biphenyl
 Concen: 45.44 ng
 RT: 13.53 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	977652		
153	41.9	23.0	63.0	
76	13.5	0.0	33.5	

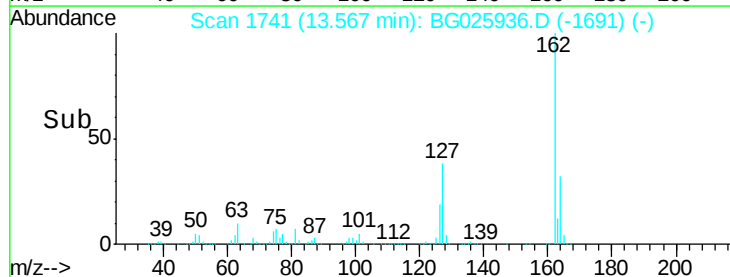
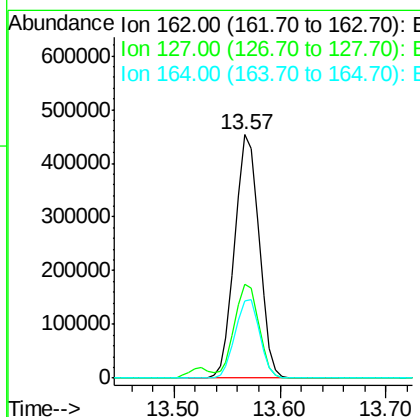
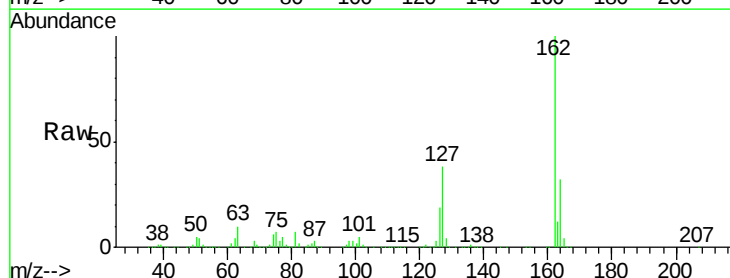
Manual Integrations
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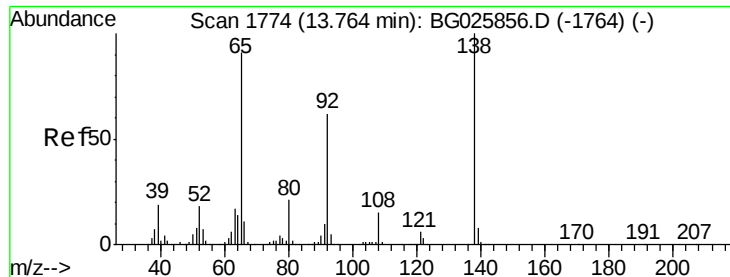
mohammad
 2/27/2017 1:06:52 PM



#46
 2-Chloronaphthalene
 Concen: 46.25 ng
 RT: 13.57 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	719407		
127	38.3	32.2	48.4	
164	31.8	27.3	40.9	





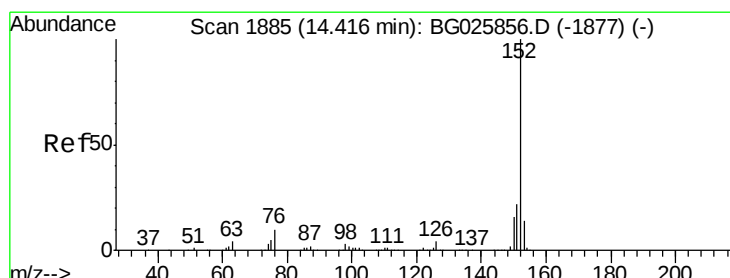
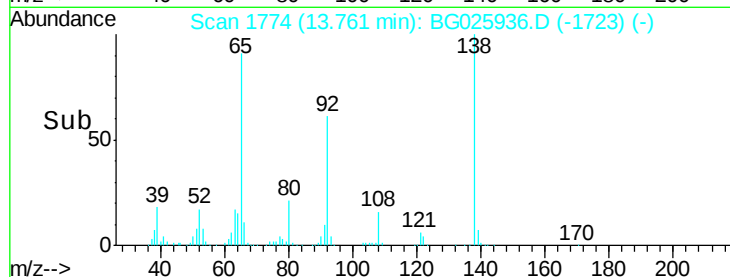
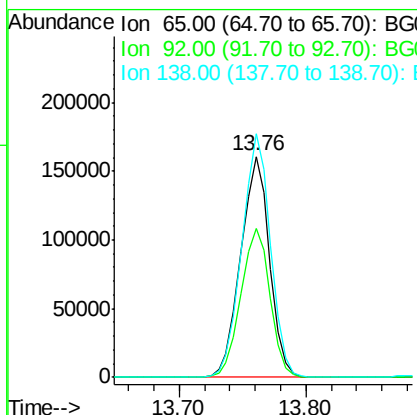
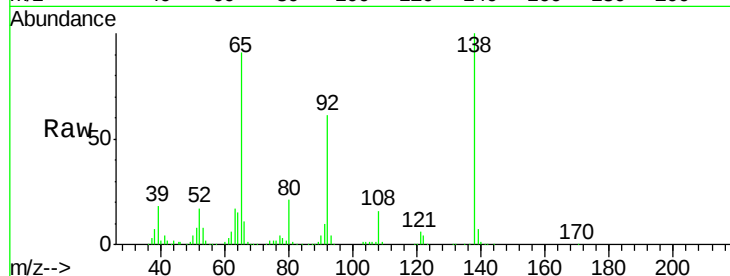
#47
2-Nitroaniline
Concen: 51.21 ng
RT: 13.76 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	49.0	73.4
138	110.2	58.6	87.8

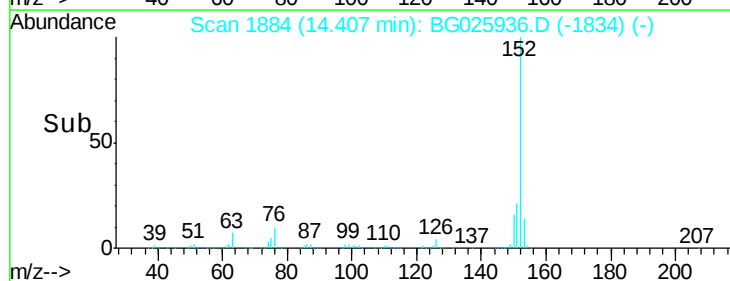
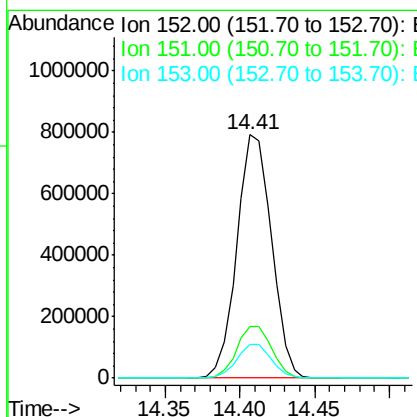
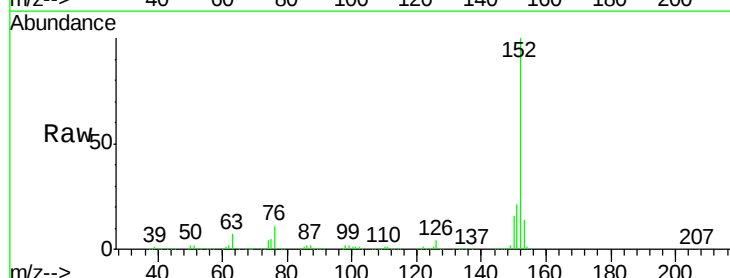
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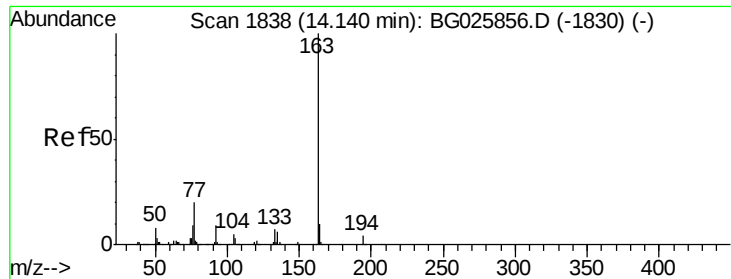
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#48
Acenaphthylene
Concen: 46.07 ng
RT: 14.41 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.2	27.2
153	14.1	11.3	16.9





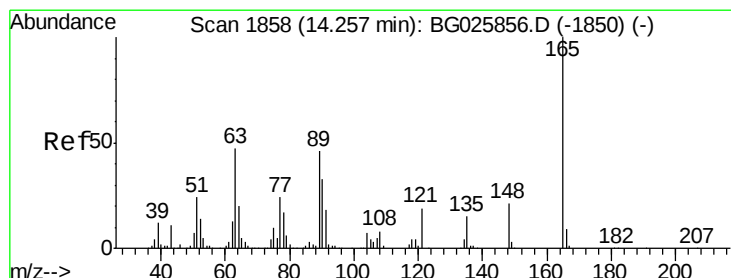
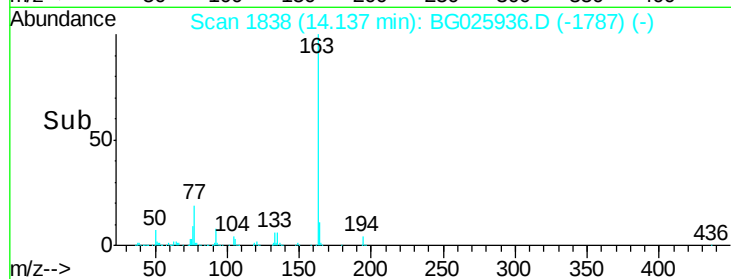
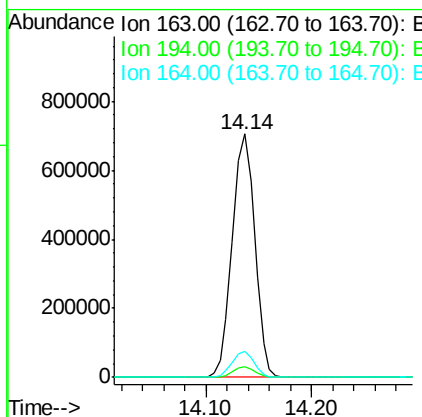
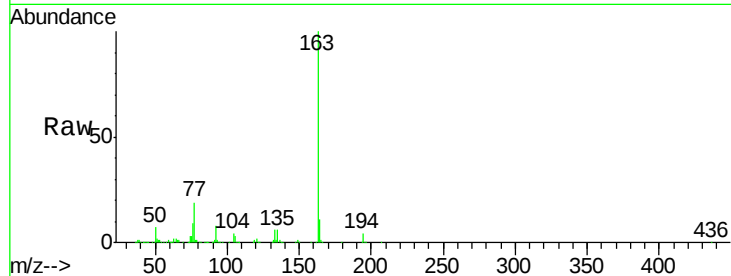
#49
Dimethylphthalate
Concen: 50.93 ng
RT: 14.14 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	10.7	9.3	13.9

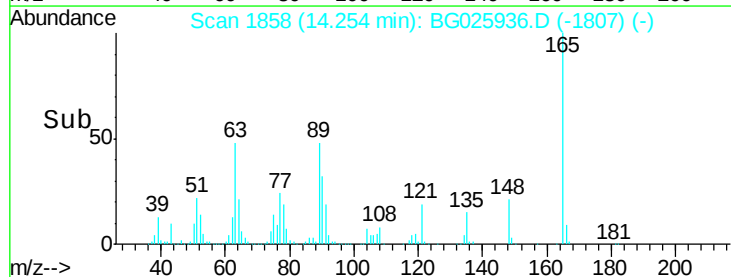
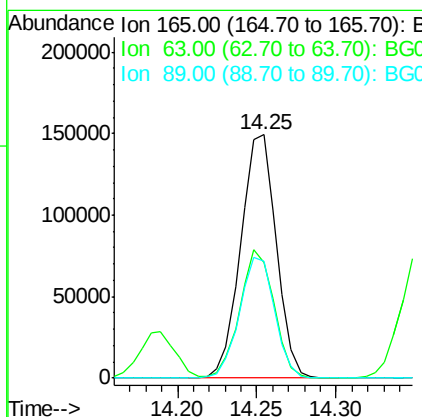
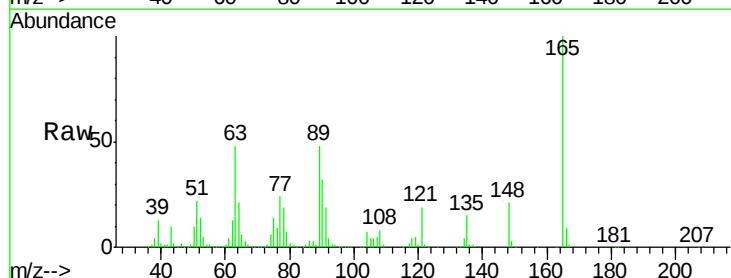
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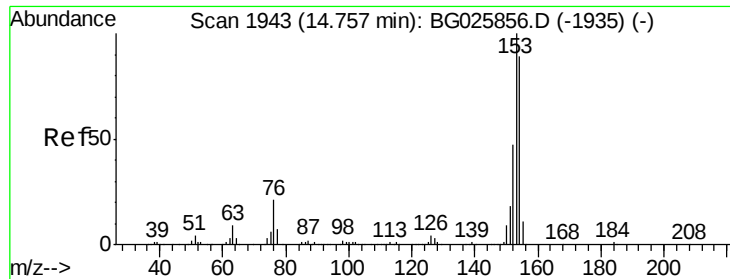
mohammad
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#50
2,6-Dinitrotoluene
Concen: 50.83 ng
RT: 14.25 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.7	63.9	95.9#
89	48.1	58.6	88.0#





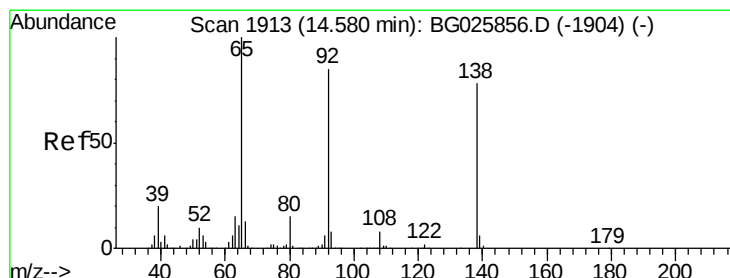
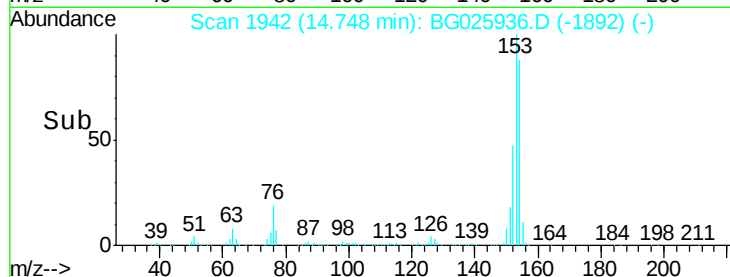
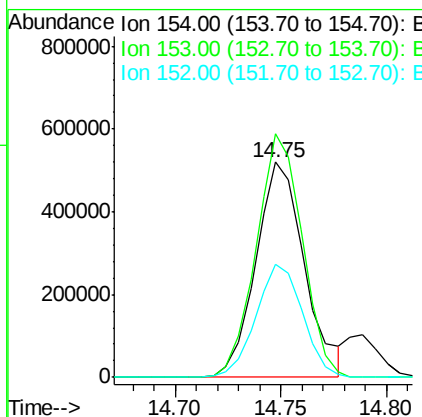
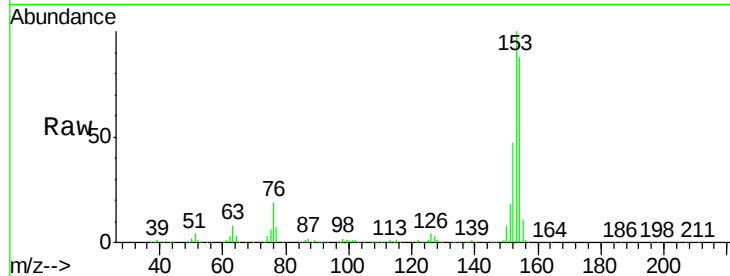
#51
Acenaphthene
Concen: 45.51 ng
RT: 14.75 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	87.8	131.6
152	52.7	42.2	63.4

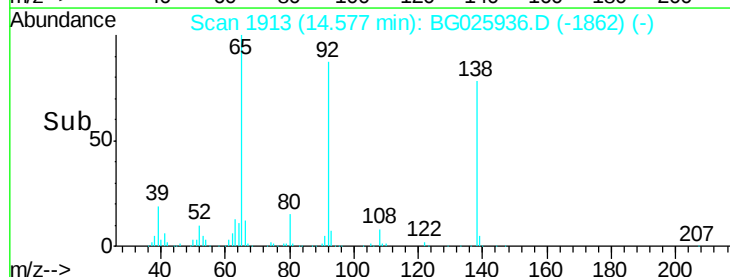
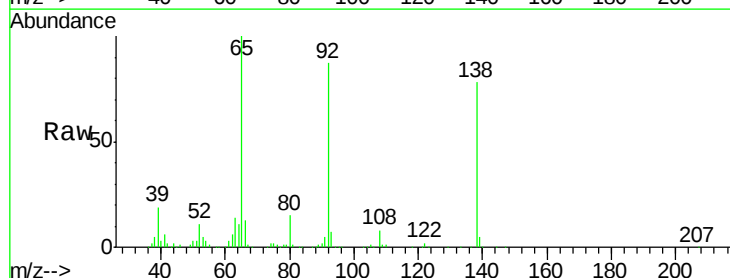
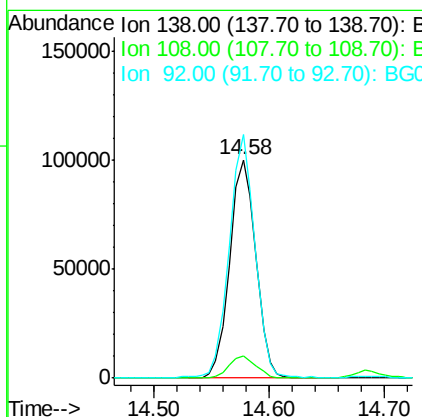
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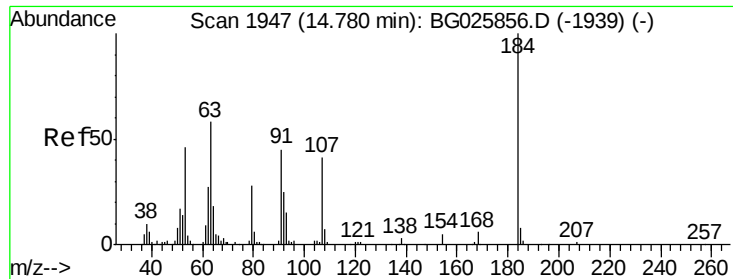
mohammad
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#52
3-Nitroaniline
Concen: 30.71 ng
RT: 14.58 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	10.9	16.3#
92	111.6	115.3	172.9#





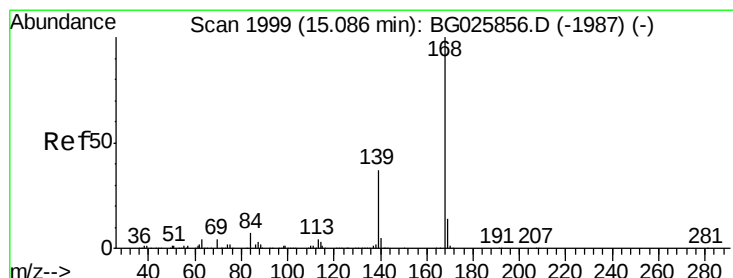
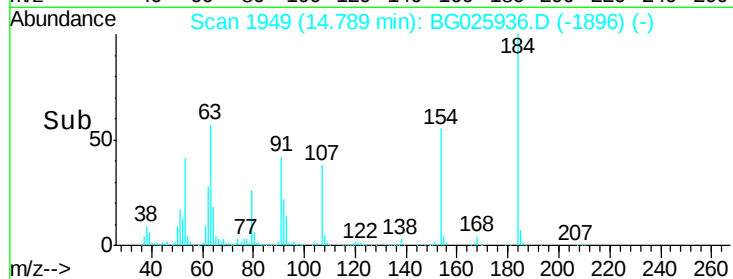
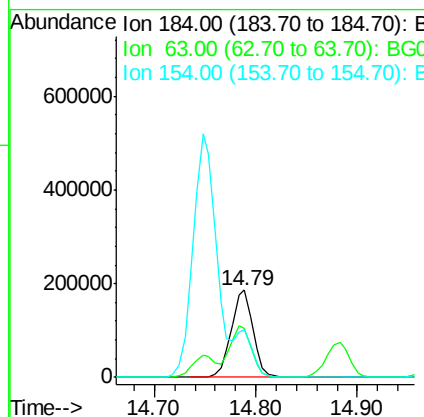
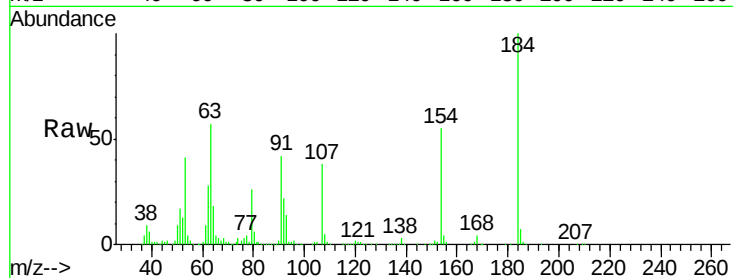
#53
2,4-Dinitrophenol
Concen: 115.70 ng
RT: 14.79 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	52.7	79.1
154	55.4	57.3	85.9

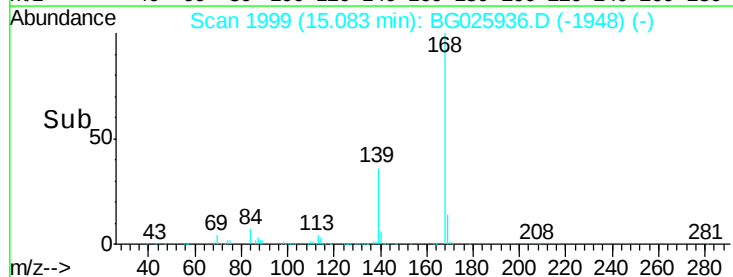
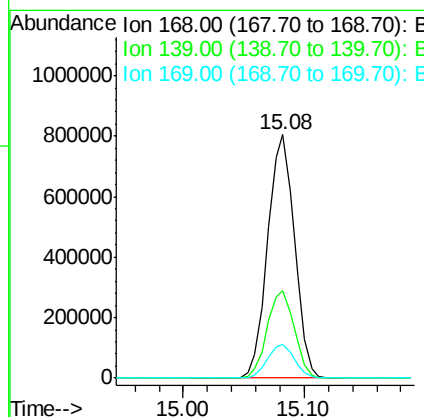
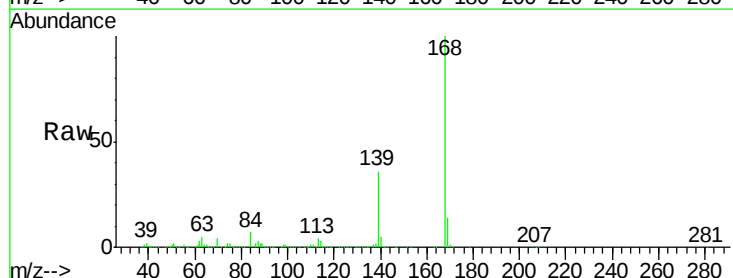
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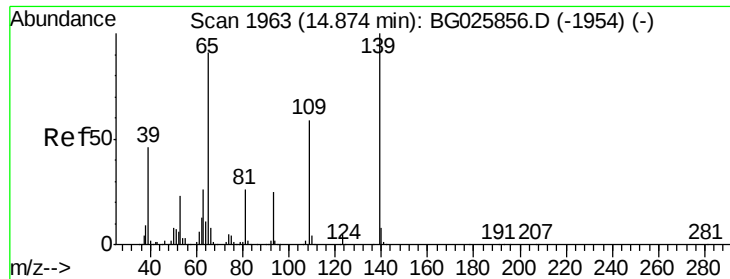
mohammad
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#54
Dibenzofuran
Concen: 50.53 ng
RT: 15.08 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	35.3	52.9
169	14.0	11.5	17.3





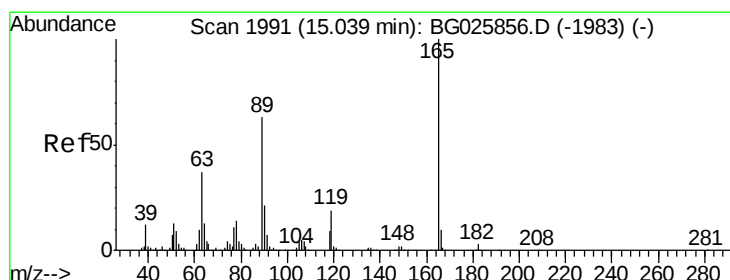
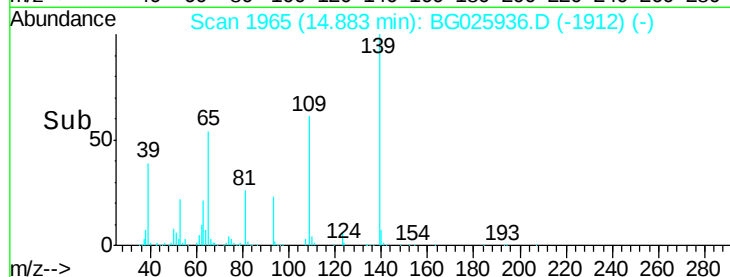
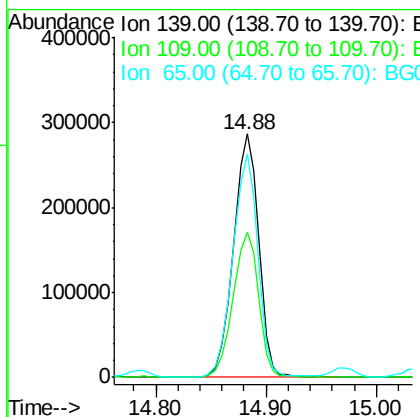
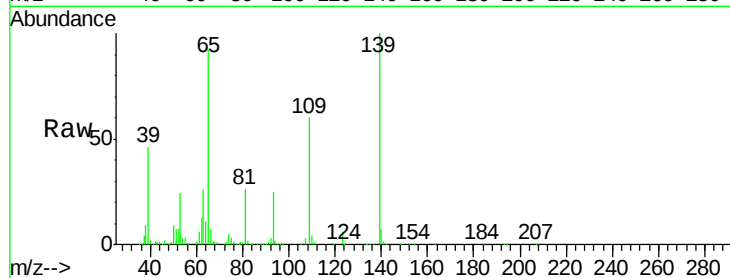
#55
4-Nitrophenol
Concen: 110.91 ng
RT: 14.88 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	461934		
109	59.6	101.2	141.2#	
65	91.6	135.3	175.3#	

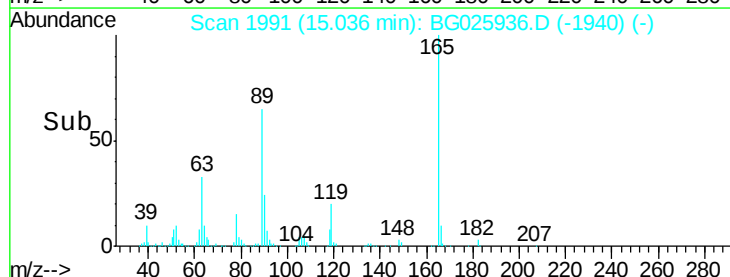
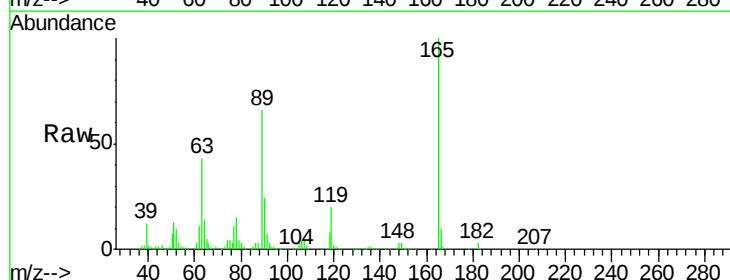
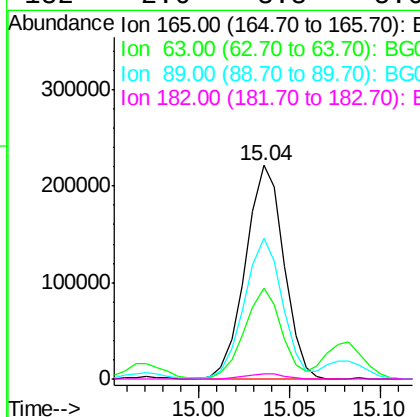
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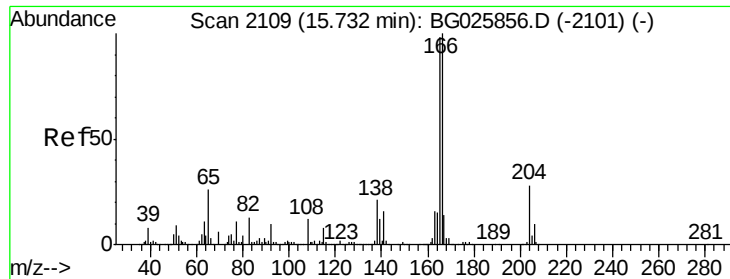
mohammad
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#56
2,4-Dinitrotoluene
Concen: 53.00 ng
RT: 15.04 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	326255		
63	42.7	44.0	66.0#	
89	65.7	67.3	100.9#	
182	2.6	3.8	5.6#	





#57

Fluorene

Concen: 47.78 ng

RT: 15.73 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB97155BS

Tgt Ion:166 Resp: 1041036

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

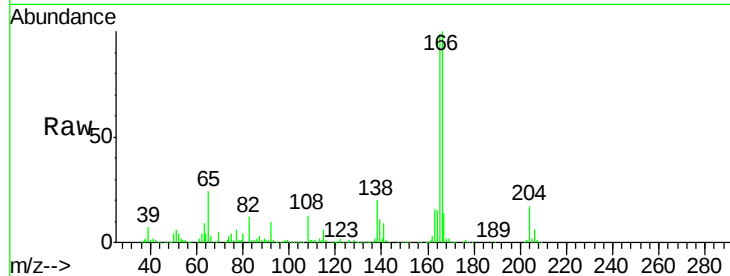
167 13.7 11.6 17.4

Manual Integrations

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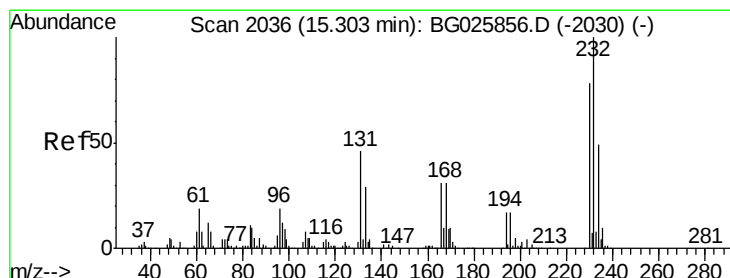
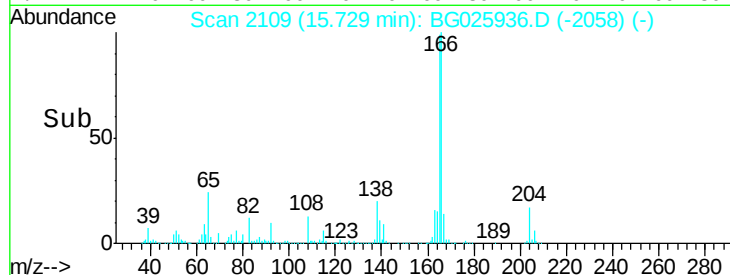
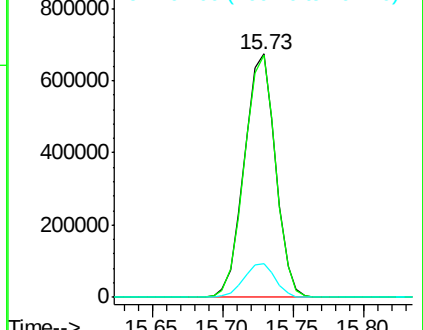
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.94 ng

RT: 15.31 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion:232 Resp: 283691

Ion Ratio Lower Upper

232 100

131 44.5 34.9 52.3

130 2.5 2.3 3.5

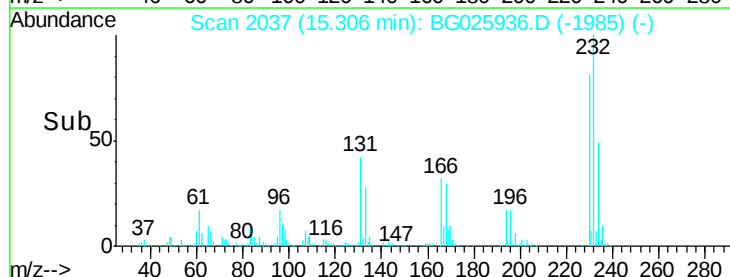
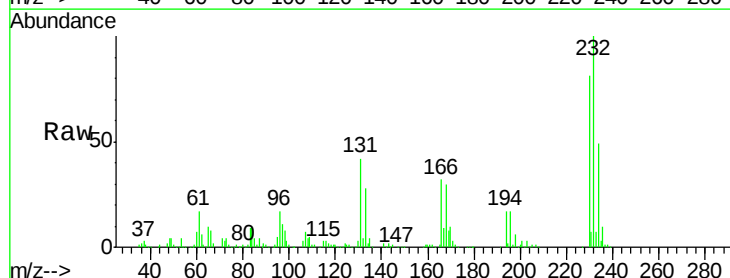
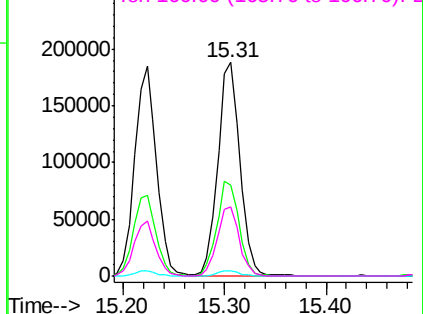
166 32.3 24.2 36.4

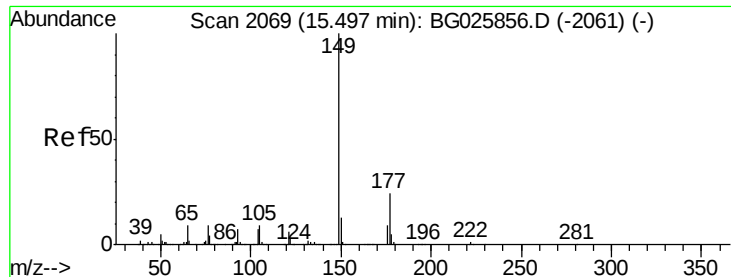
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





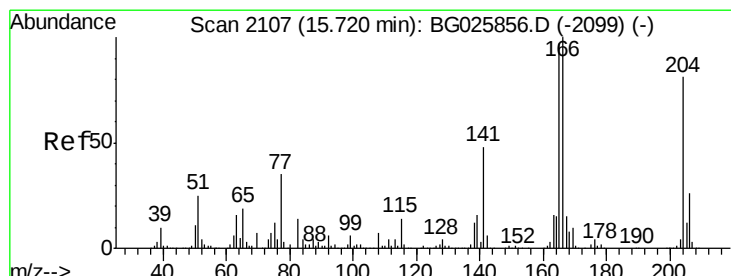
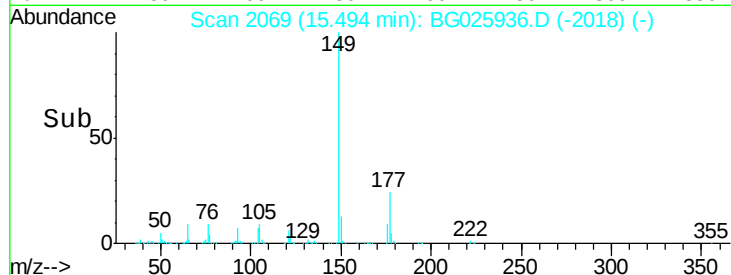
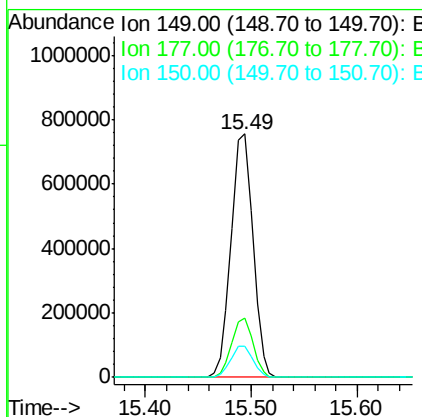
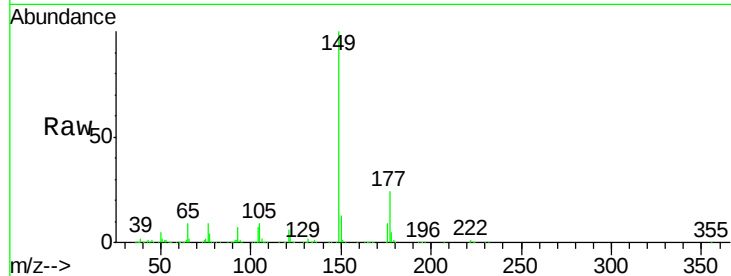
#59
Diethylphthalate
Concen: 51.25 ng
RT: 15.49 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampled :
PB97155BS

Tgt Ion:149 Resp: 1079756
Ion Ratio Lower Upper
149 100
177 24.1 20.1 30.1
150 12.6 10.2 15.2

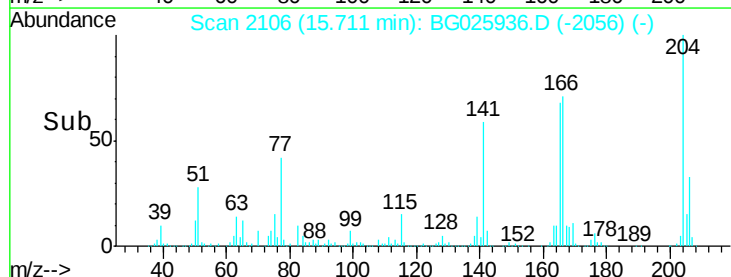
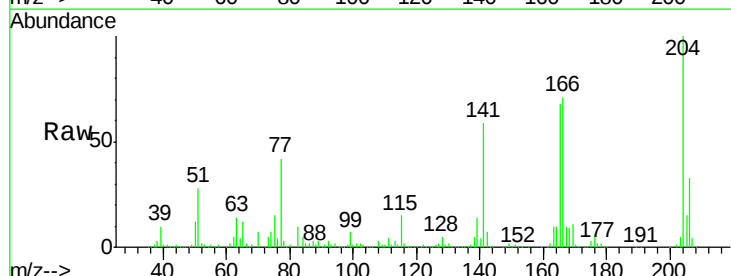
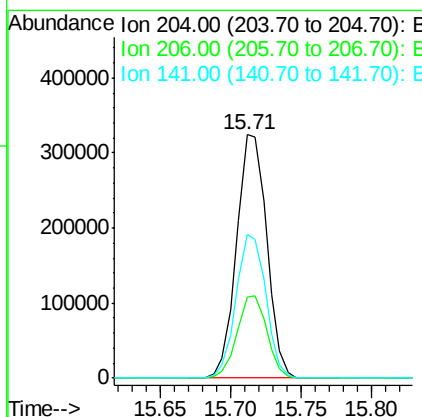
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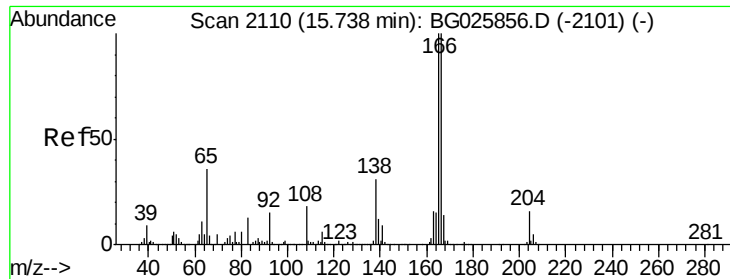
mohammad
2/27/2017 1:06:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.04 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion:204 Resp: 485005
Ion Ratio Lower Upper
204 100
206 33.1 30.1 45.1
141 59.0 50.6 76.0





#61

4-Nitroaniline

Concen: 52.23 ng

RT: 15.73 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

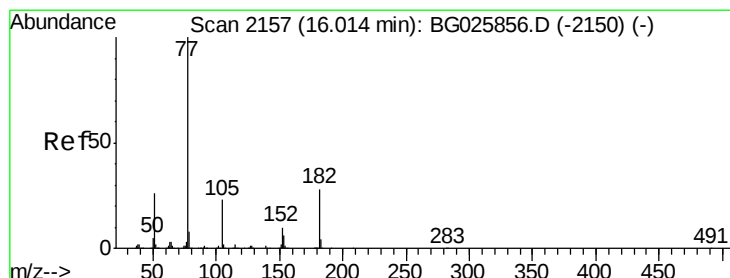
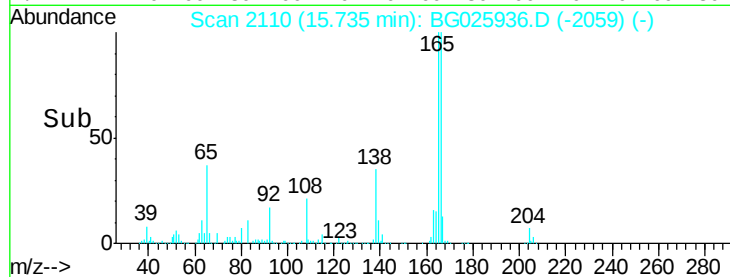
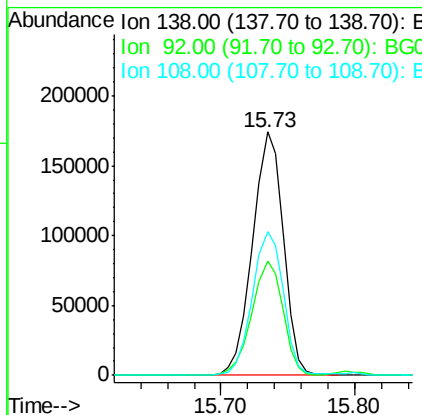
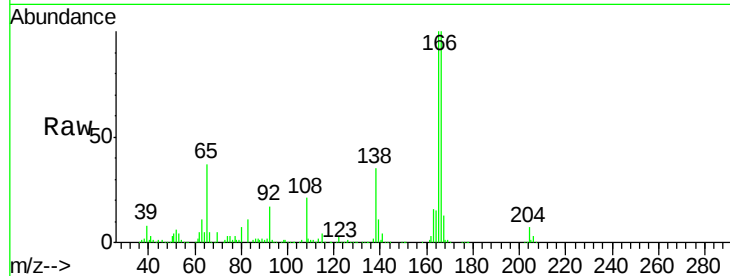
ClientSampleId :

PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	277069		
92	47.2	44.2	84.2	
108	59.0	104.8	144.8	

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#62

Azobenzene

Concen: 53.53 ng

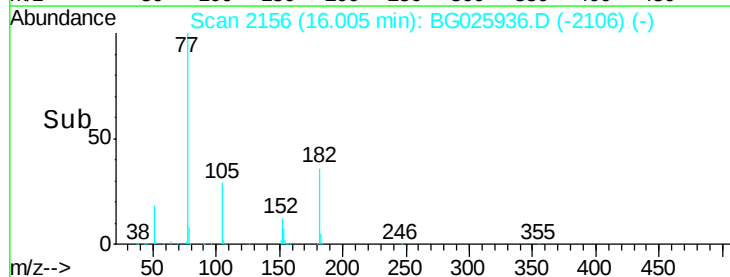
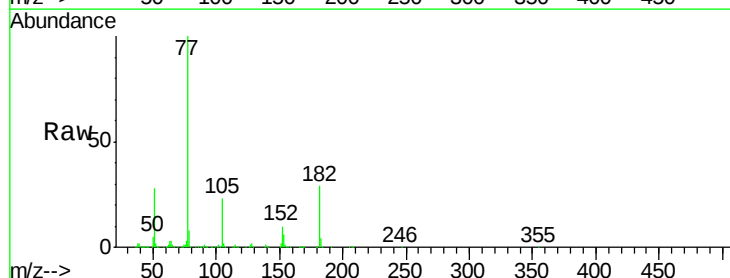
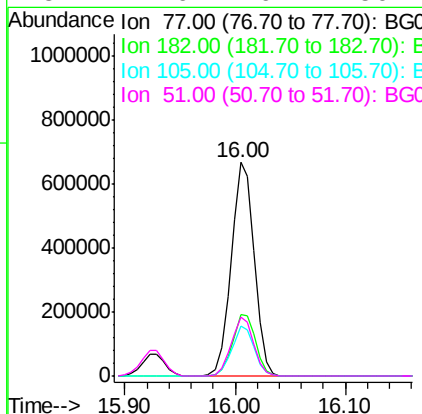
RT: 16.00 min Scan# 2156

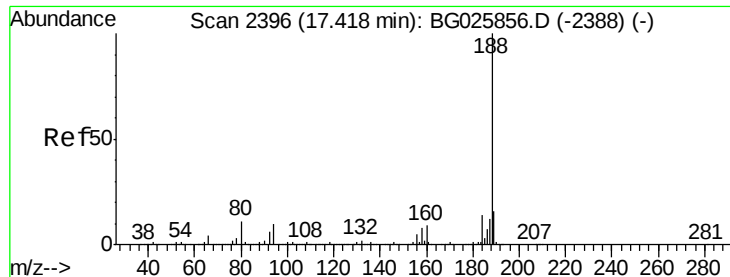
Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	969451		
182	28.8	4.7	44.7	
105	23.5	0.0	36.3	
51	27.6	16.4	56.4	





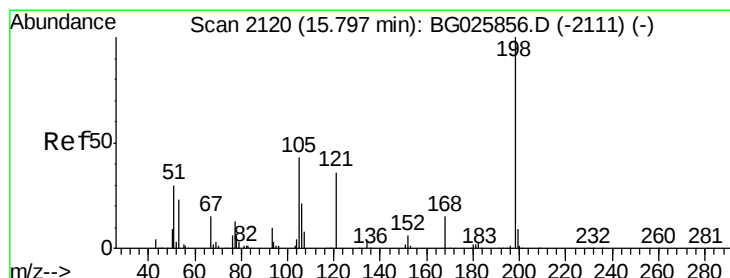
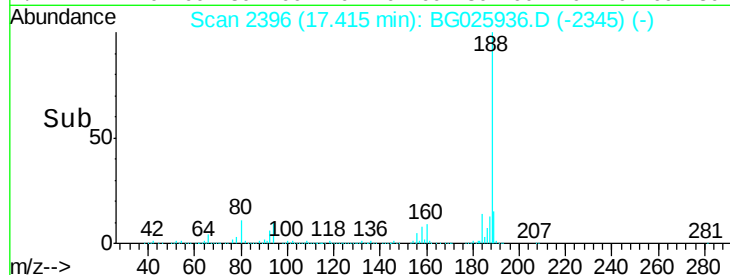
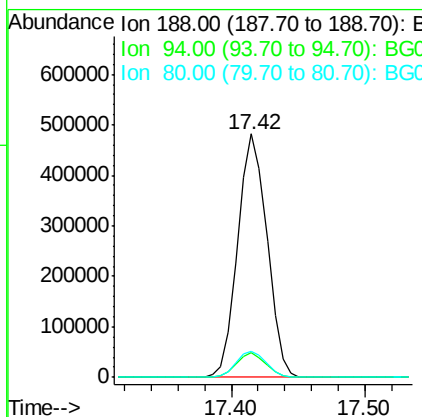
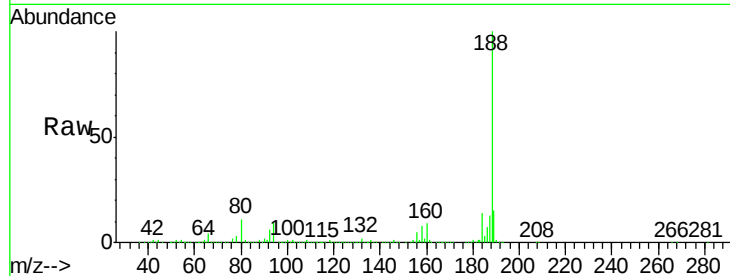
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	733022		
94	9.9	5.8	8.8#	
80	10.7	7.5	11.3	

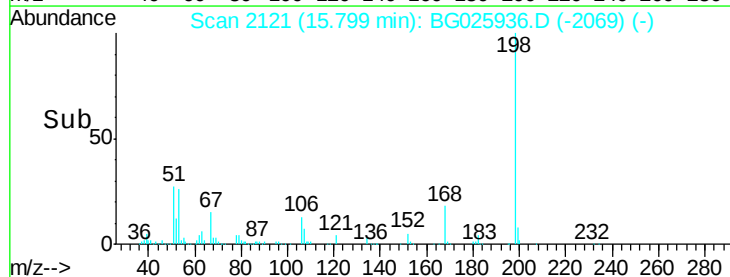
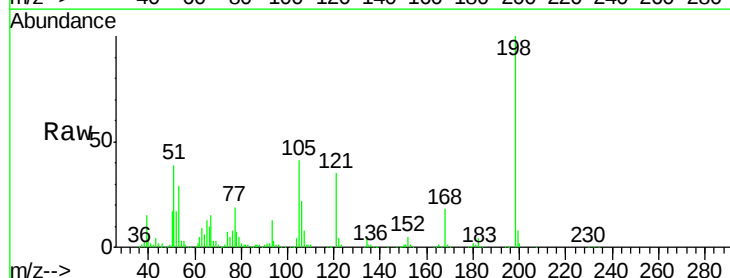
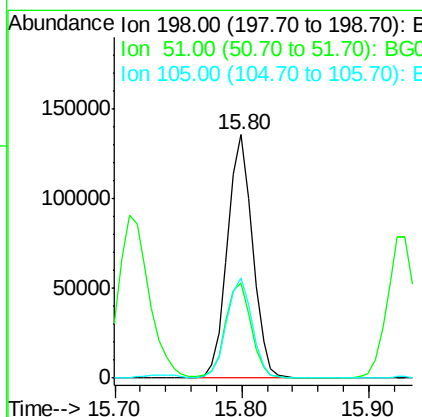
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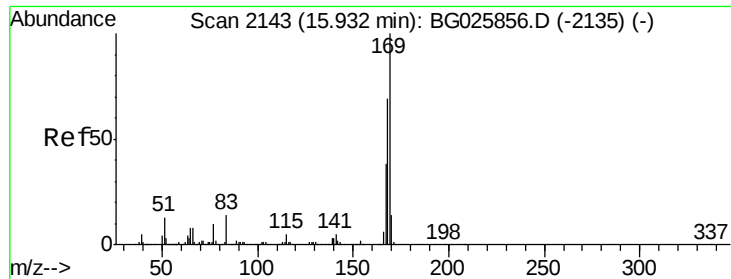
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.41 ng
RT: 15.80 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	186224		
51	38.9	22.6	62.6	
105	41.1	14.4	54.4	





#65

n-Nitrosodiphenylamine

Concen: 43.12 ng

RT: 15.93 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

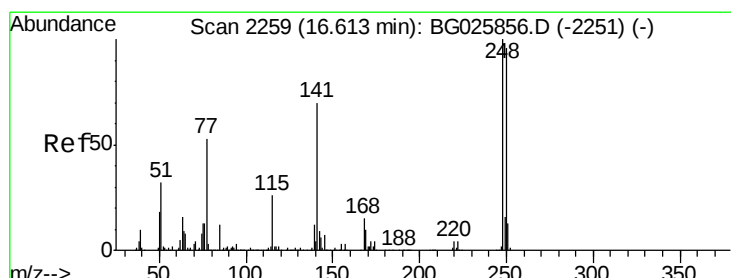
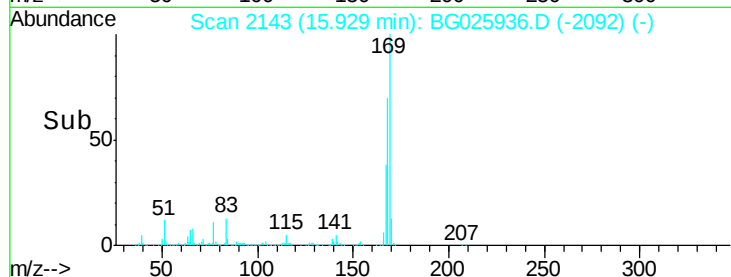
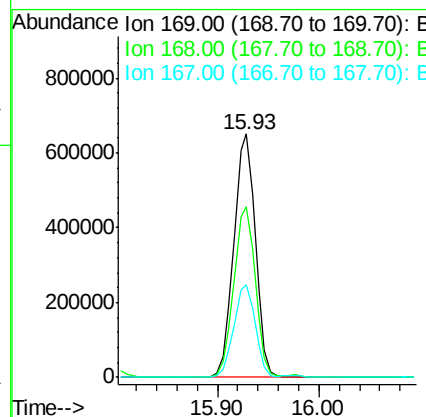
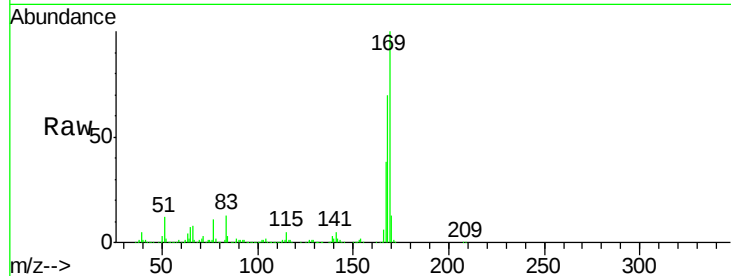
ClientSampleId :

PB97155BS

Tgt Ion:	169	Resp:	958524
Ion Ratio		Lower	Upper
169	100		
168	70.0	55.7	83.5
167	38.2	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 43.36 ng

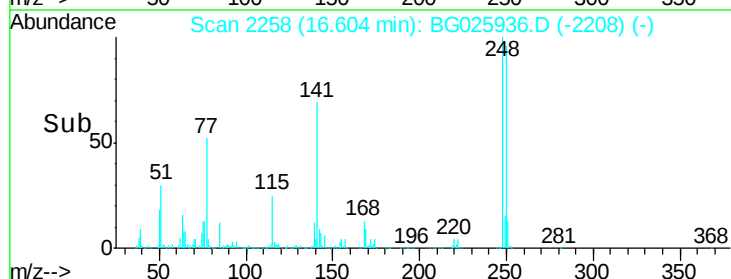
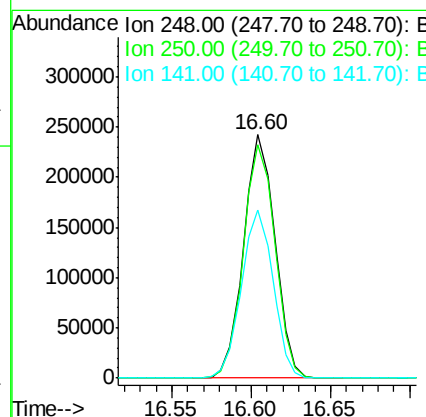
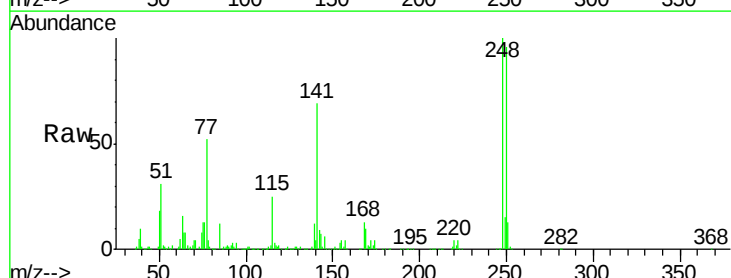
RT: 16.60 min Scan# 2258

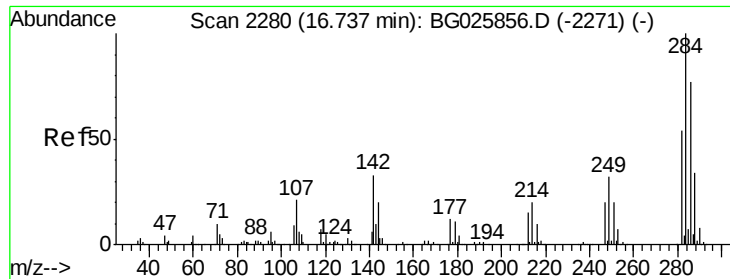
Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Tgt Ion:	248	Resp:	333092
Ion Ratio		Lower	Upper
248	100		
250	95.9	75.0	112.6
141	69.2	55.2	82.8





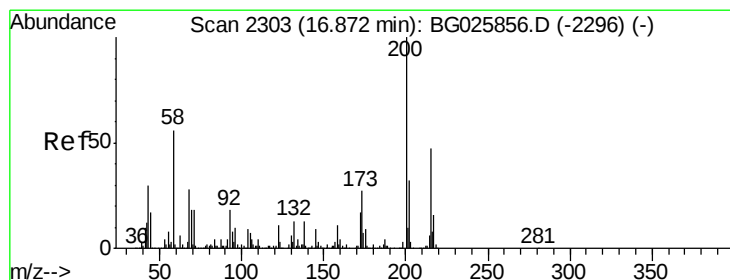
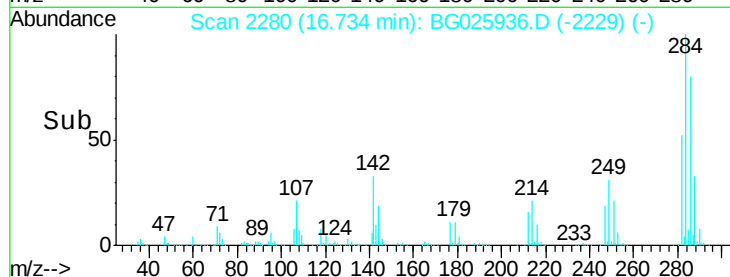
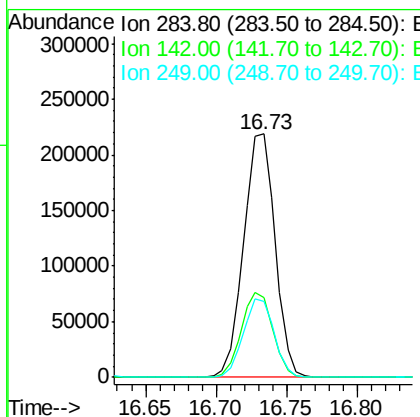
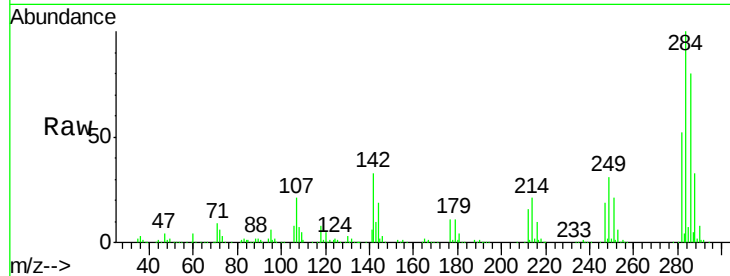
#67
Hexachlorobenzene
Concen: 43.12 ng
RT: 16.73 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	32.9	29.9	44.9
249	31.0	29.2	43.8

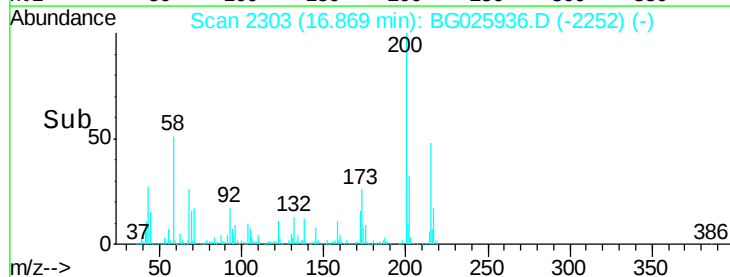
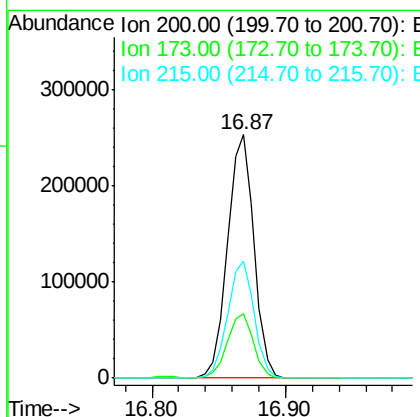
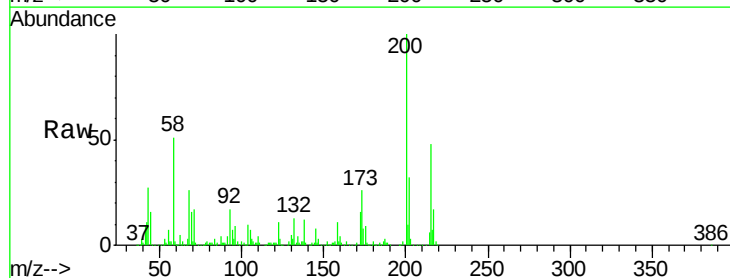
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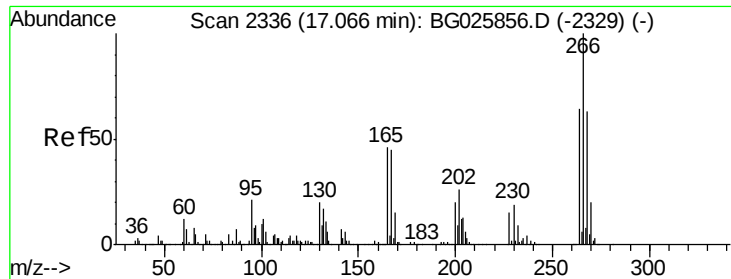
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#68
Atrazine
Concen: 44.44 ng
RT: 16.87 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	3.0	43.0
215	48.1	28.4	68.4





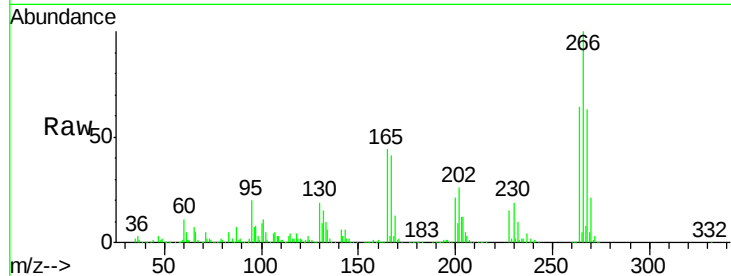
#69
 Pentachlorophenol
 Concen: 93.28 ng
 RT: 17.07 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	455601		
268	62.9	48.6	72.8	
264	63.6	50.1	75.1	

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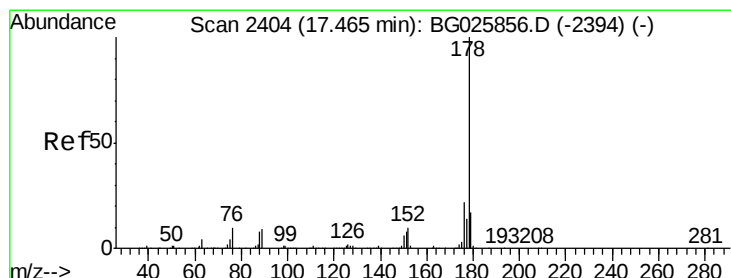
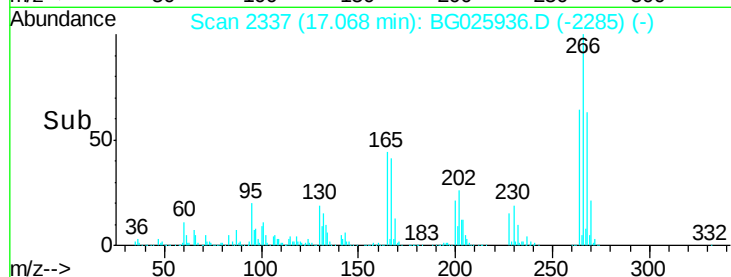
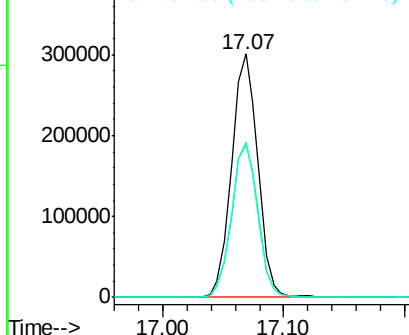


Abundance

Ion 265.70 (265.40 to 266.40): E

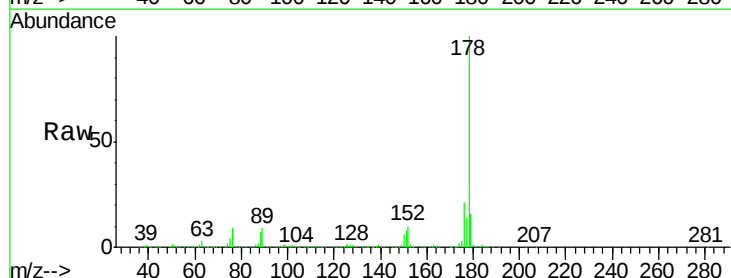
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.03 ng
 RT: 17.46 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1672359		
176	21.5	17.7	26.5	
179	16.1	15.0	22.6	

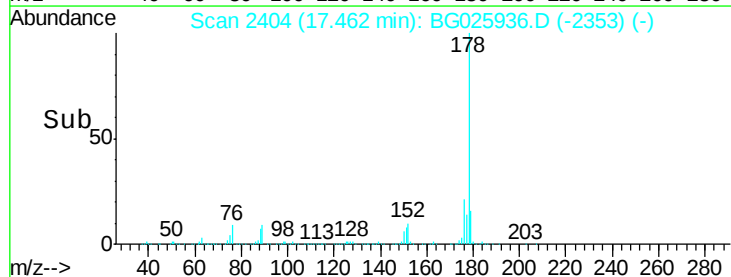
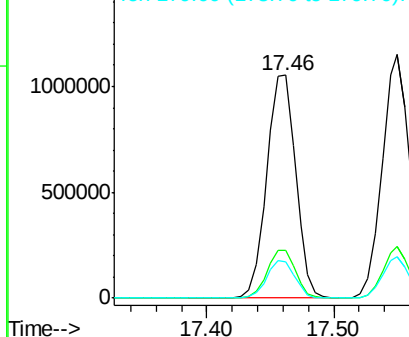


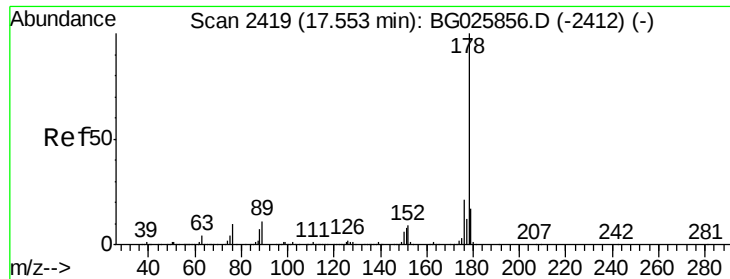
Abundance

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





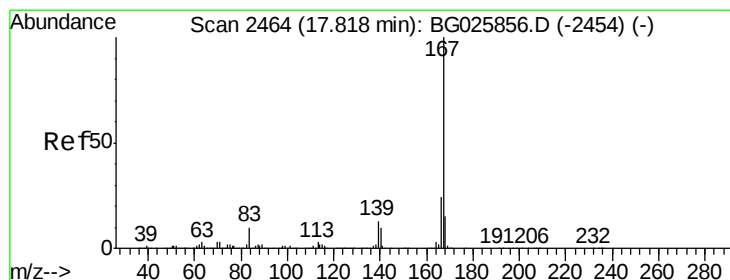
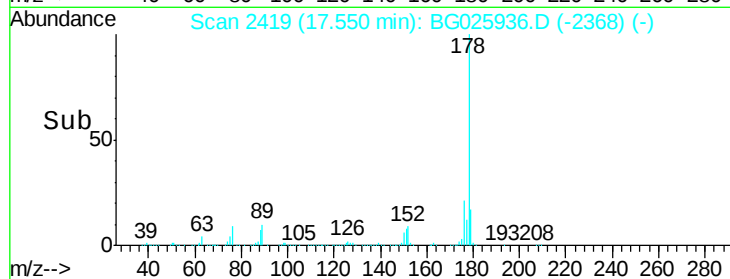
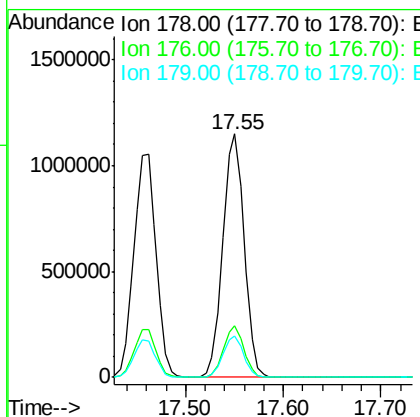
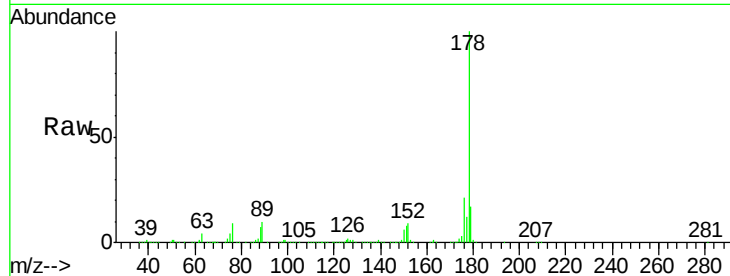
#71
 Anthracene
 Concen: 42.86 ng
 RT: 17.55 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion:178 Resp: 1738913
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.4 24.6
 179 16.9 13.8 20.8

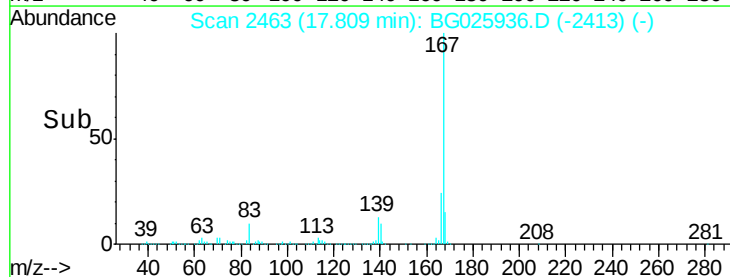
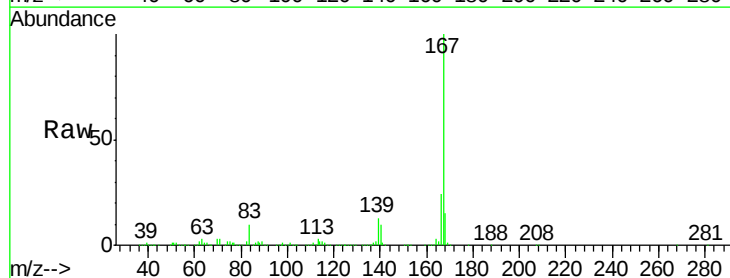
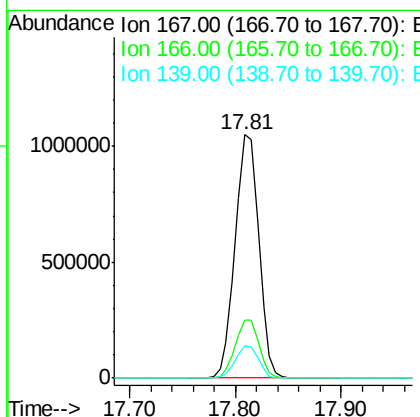
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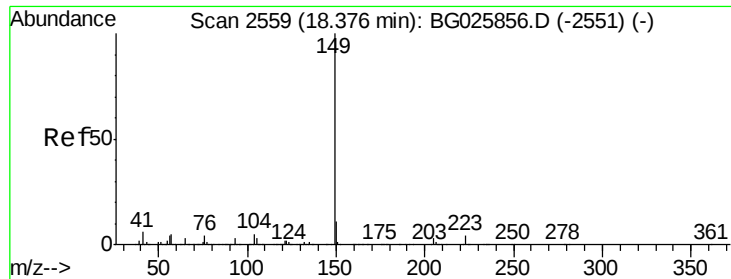
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#72
 Carbazole
 Concen: 39.72 ng
 RT: 17.81 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion:167 Resp: 1618867
 Ion Ratio Lower Upper
 167 100
 166 23.7 20.2 30.2
 139 13.2 12.8 19.2





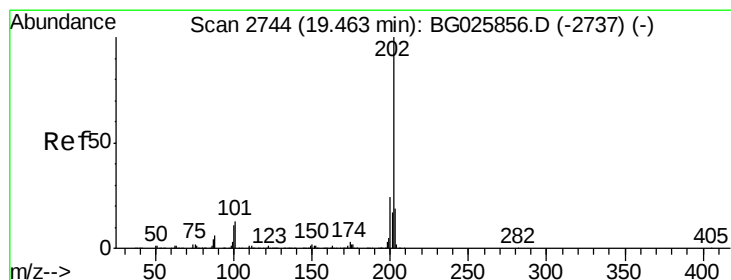
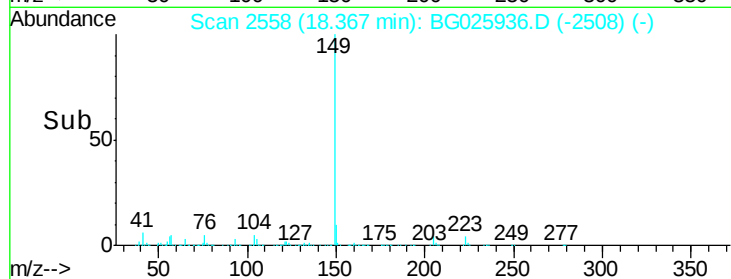
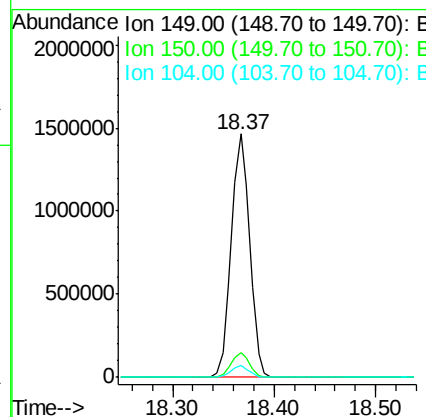
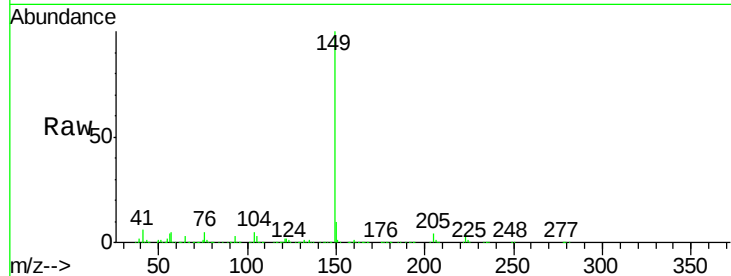
#73
Di-n-butylphthalate
Concen: 46.25 ng
RT: 18.37 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1850297		
150	10.3		9.1	13.7
104	5.0		6.7	10.1

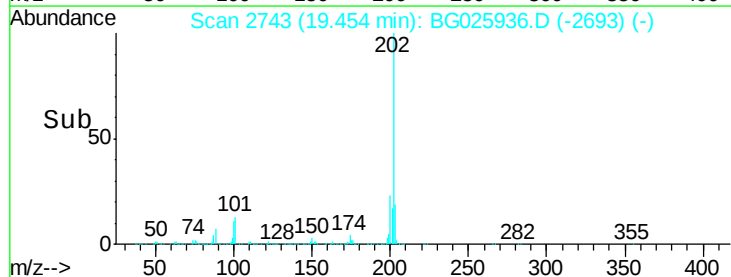
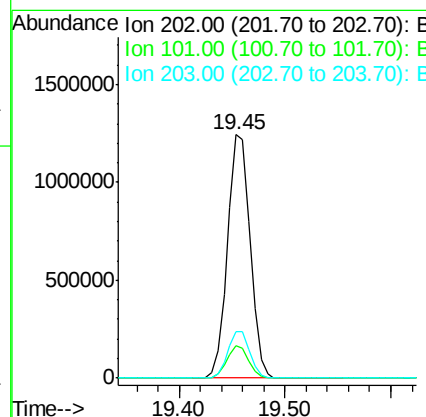
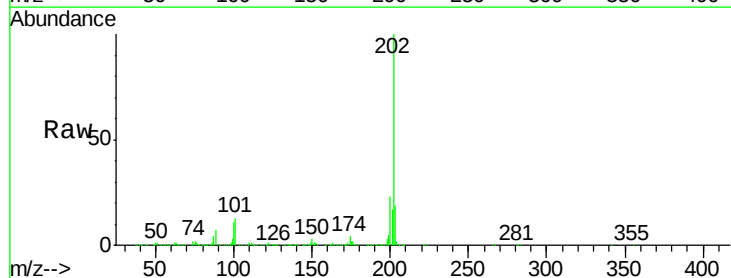
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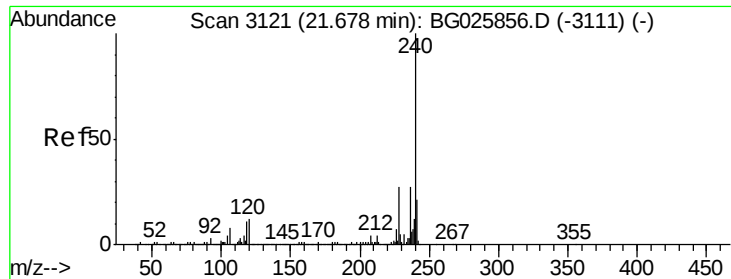
mohammad
2/27/2017 1:06:52 PM



#74
Fluoranthene
Concen: 41.97 ng
RT: 19.45 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1838904		
101	13.4		0.0	30.1
203	19.2		1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.67 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB97155BS

Tgt Ion:240 Resp: 753265

Ion Ratio Lower Upper

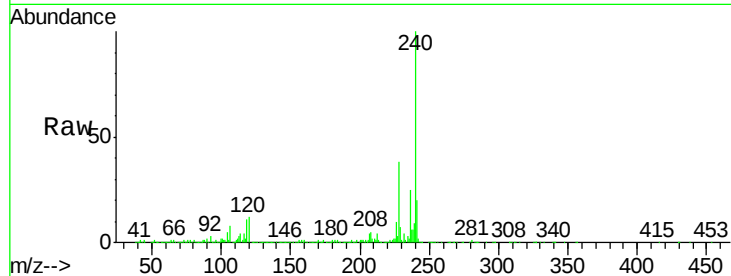
240 100

120 11.9 5.7 8.5#

236 25.5 22.2 33.4

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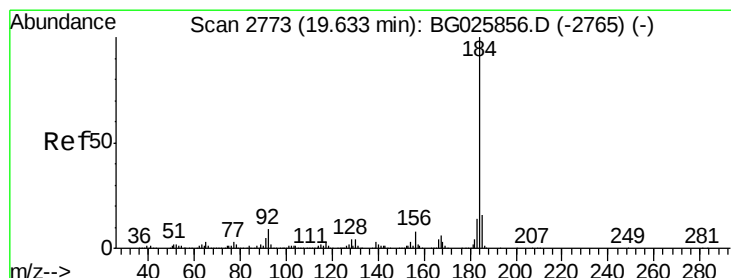
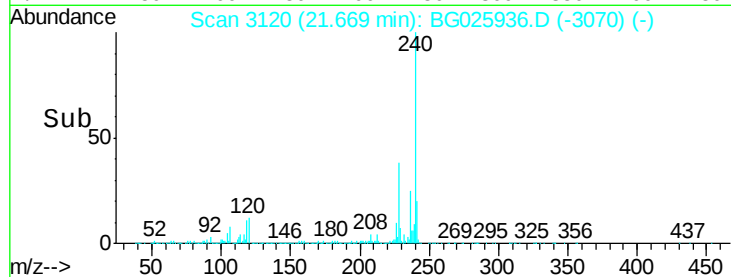
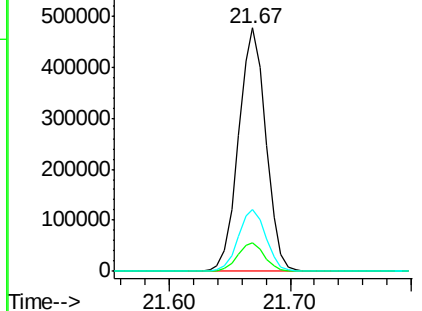
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.76 ng

RT: 19.62 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

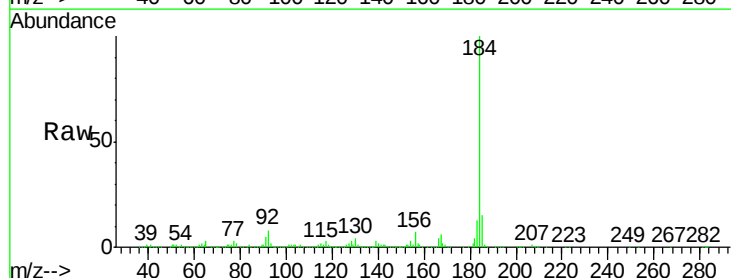
Tgt Ion:184 Resp: 850377

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

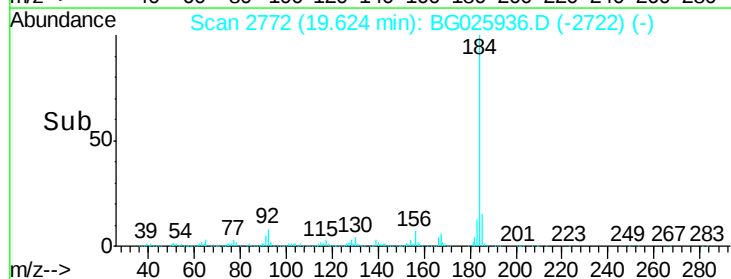
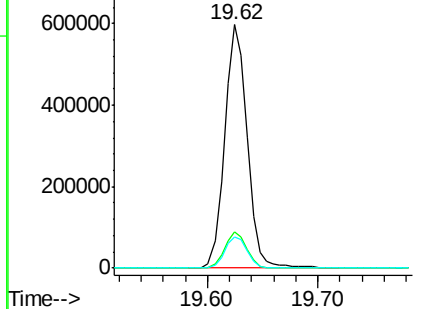
183 13.0 11.0 16.6

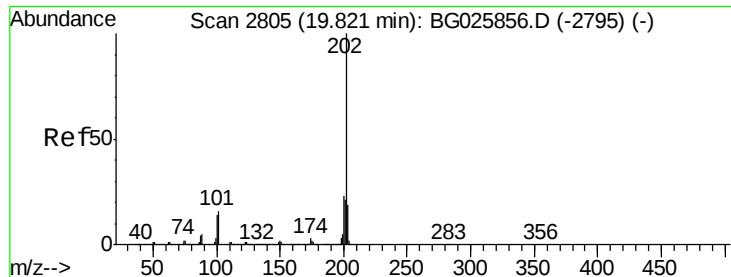


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





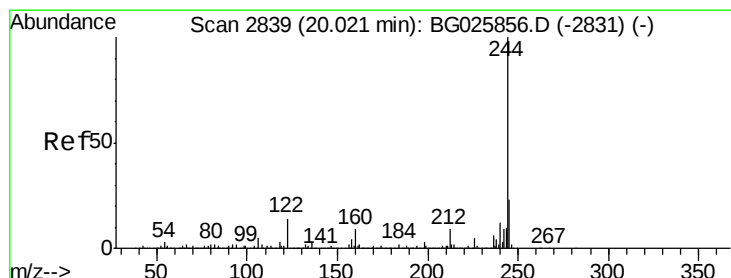
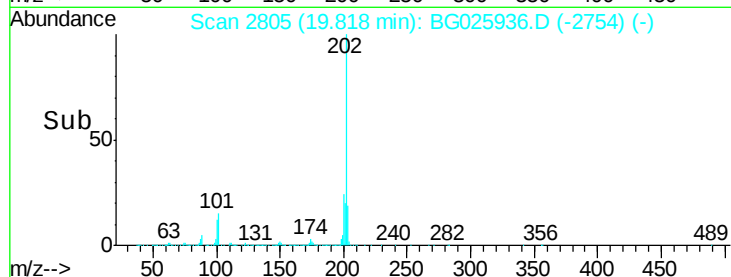
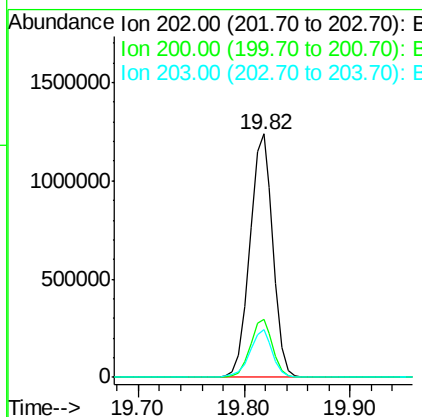
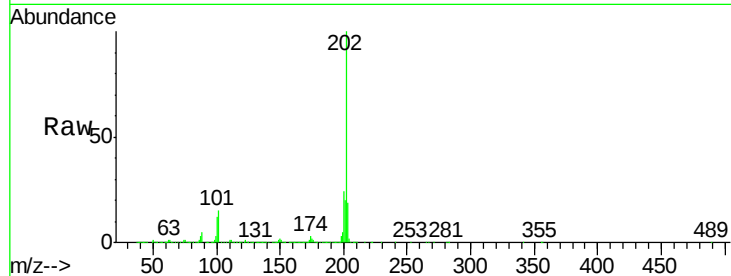
#77
 Pyrene
 Concen: 39.30 ng
 RT: 19.82 min Scan# 2805
 Delta R.T. -0.00 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.8	19.6	29.4
203	19.4	15.8	23.8

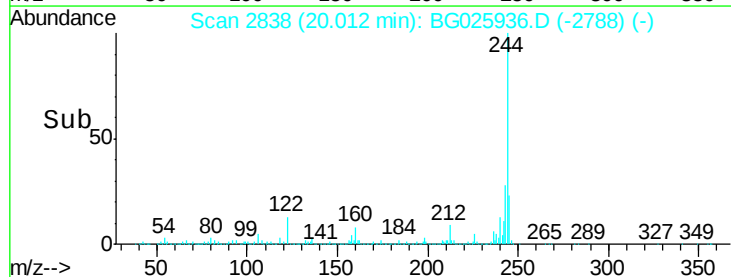
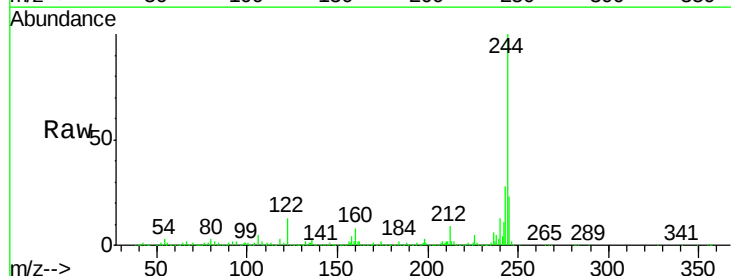
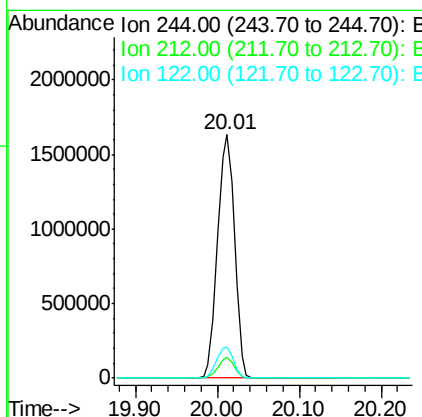
Manual Integrations
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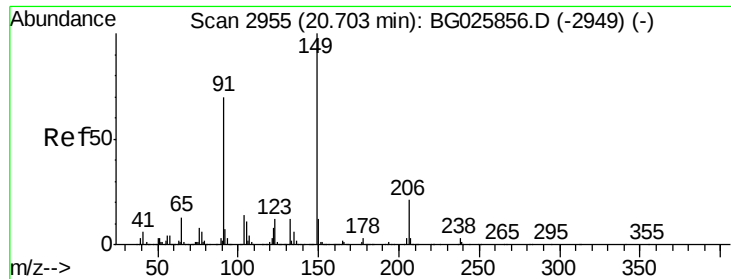
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#78
 Terphenyl-d14
 Concen: 76.59 ng
 RT: 20.01 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	12.8	8.6	12.8





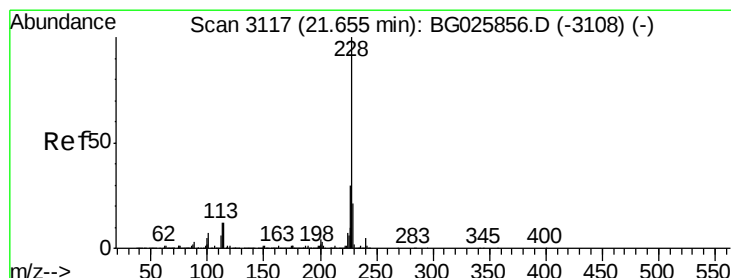
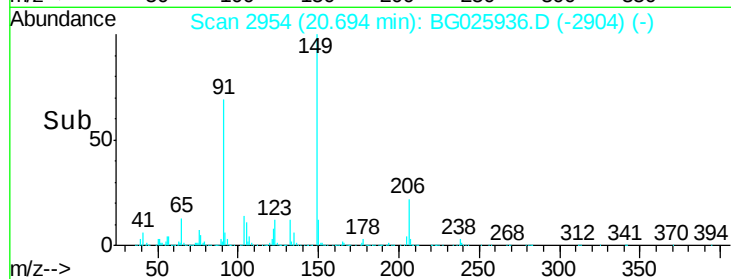
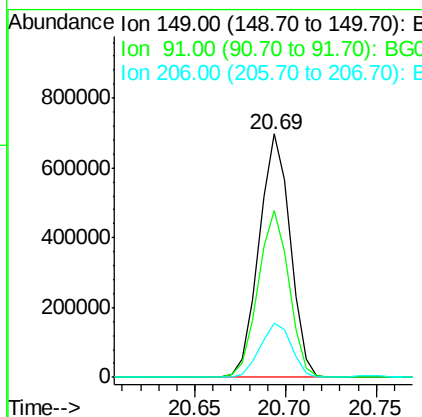
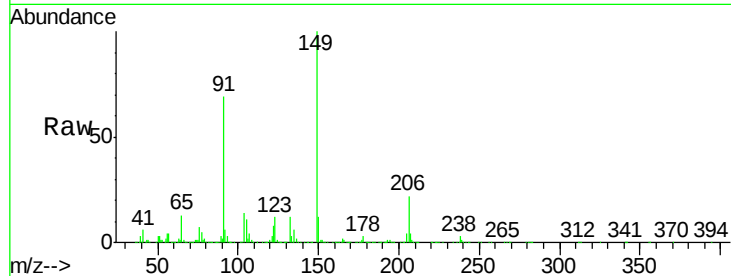
#79
Butylbenzylphthalate
Concen: 45.93 ng
RT: 20.69 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	830302		
91	68.7	63.5	95.3	
206	22.2	21.0	31.6	

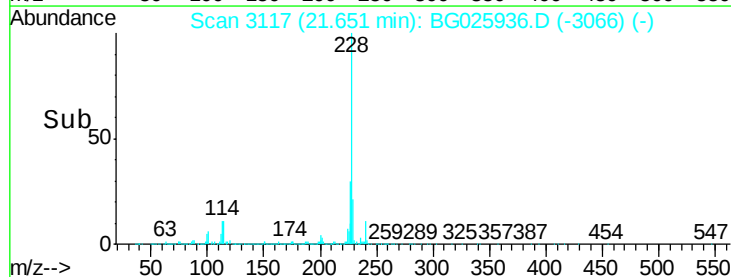
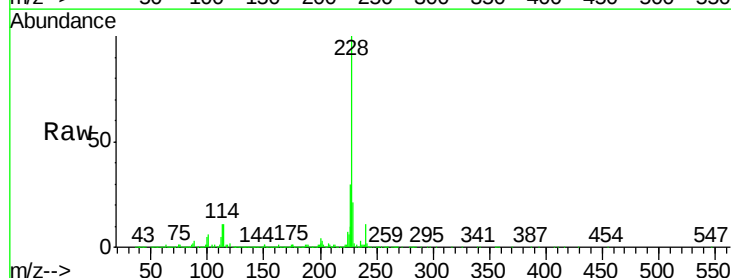
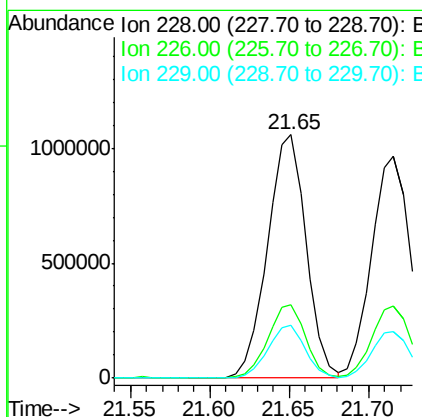
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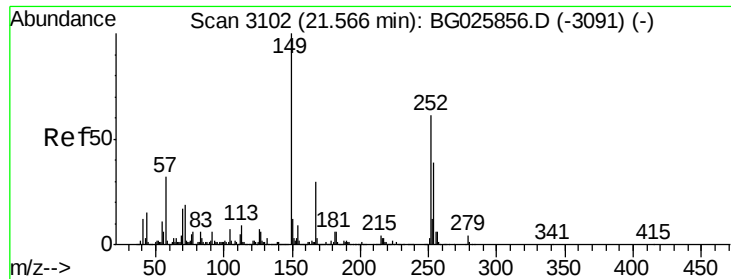
mohammad
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#80
Benzo(a)anthracene
Concen: 40.74 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1791590		
226	30.3	24.9	37.3	
229	21.5	18.2	27.2	





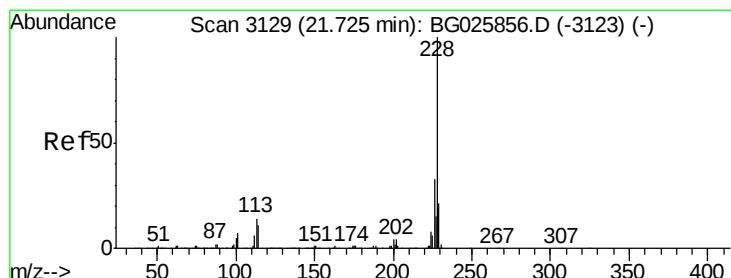
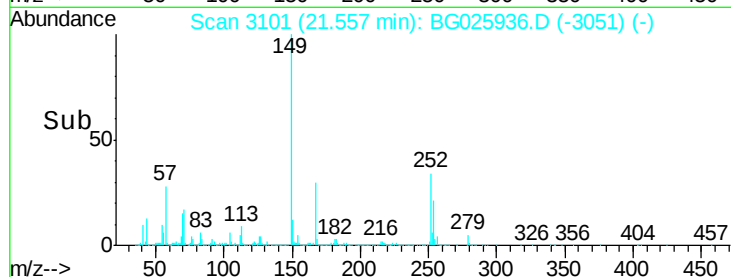
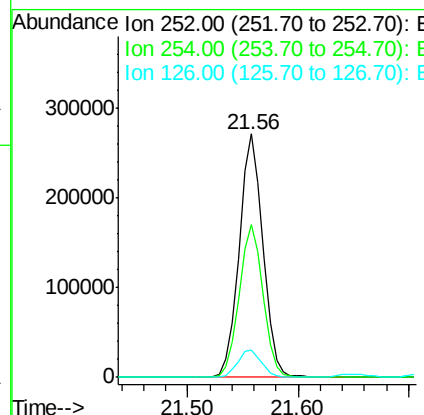
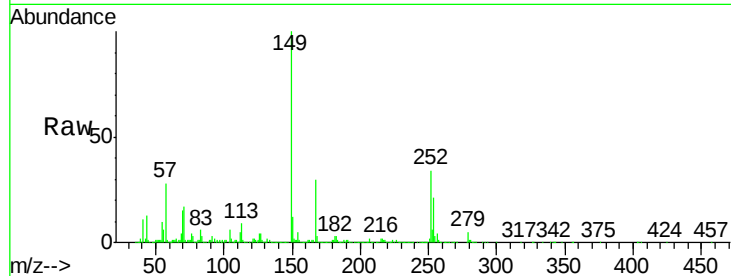
#81
 3,3'-Dichlorobenzidine
 Concen: 26.17 ng
 RT: 21.56 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	53.1	79.7
126	11.2	7.0	10.4

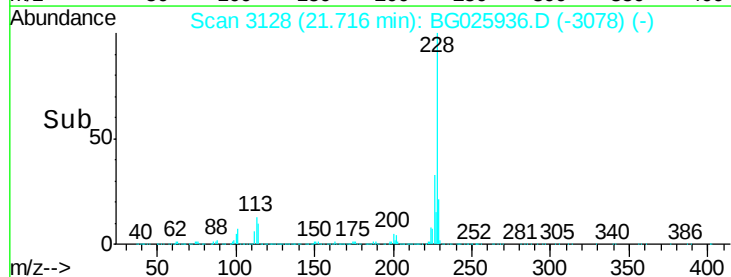
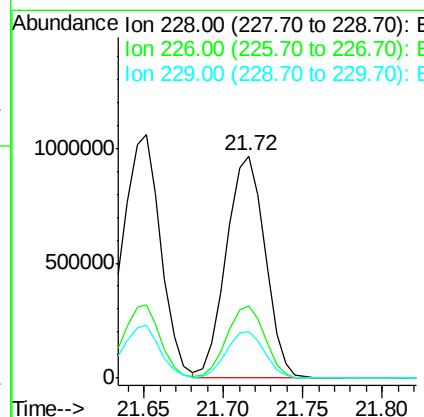
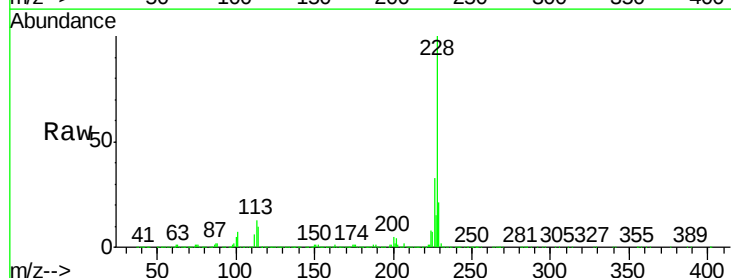
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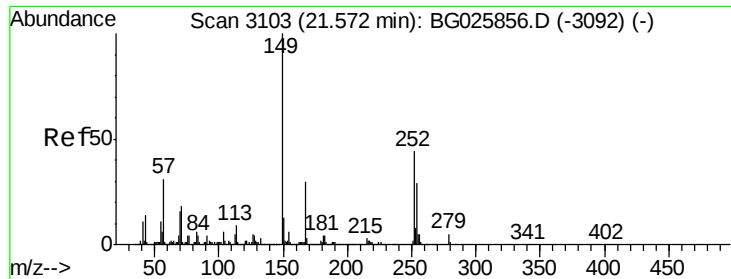
mohammad
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#82
 Chrysene
 Concen: 38.68 ng
 RT: 21.72 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	27.0	40.4
229	21.1	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.16 ng

RT: 21.55 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB97155BS

Tgt Ion:149 Resp: 1178774

Ion Ratio Lower Upper

149 100

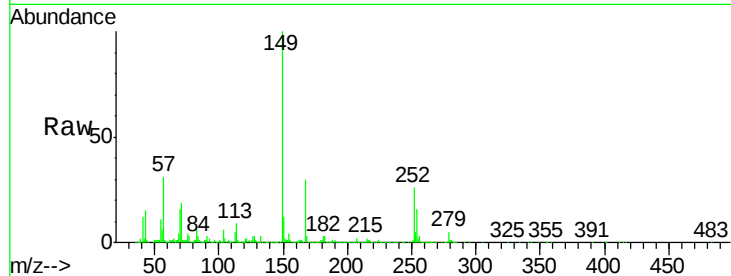
167 29.5 23.7 35.5

279 4.8 4.6 6.8

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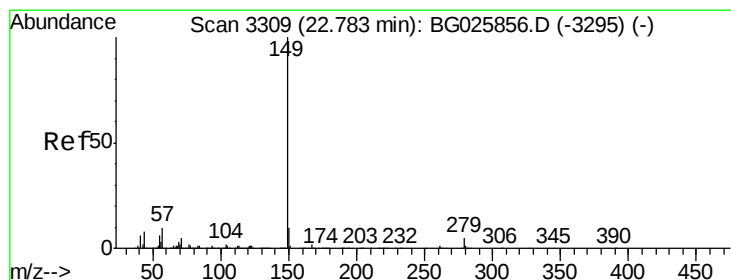
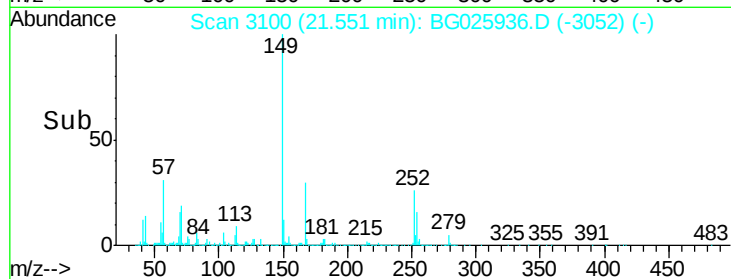
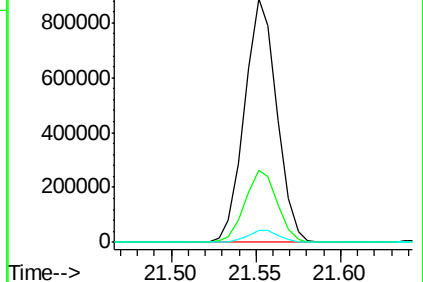
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.35 ng

RT: 22.76 min Scan# 3306

Delta R.T. -0.02 min

Lab File: BG025936.D

Acq: 24 Feb 2017 17:39

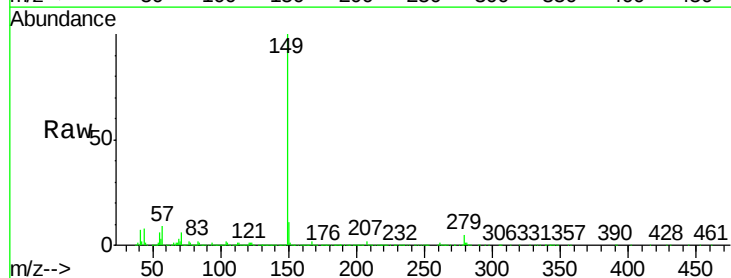
Tgt Ion:149 Resp: 2041415

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

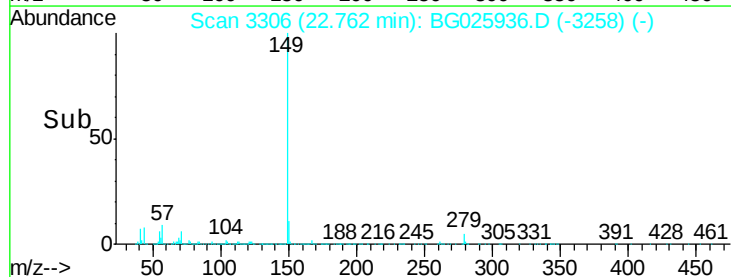
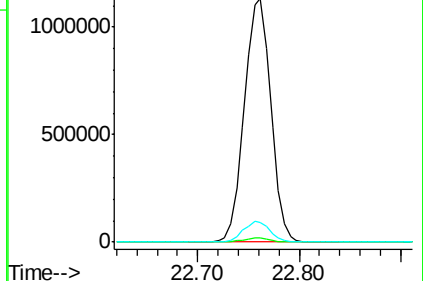
43 8.4 11.8 17.6#

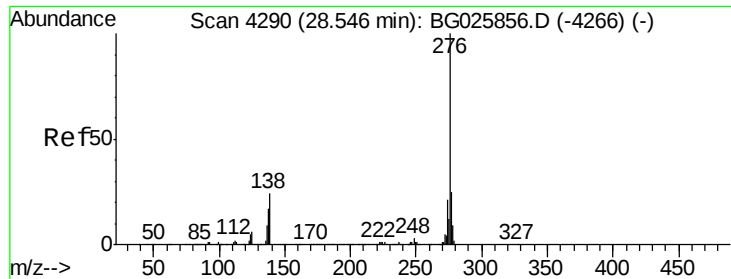


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





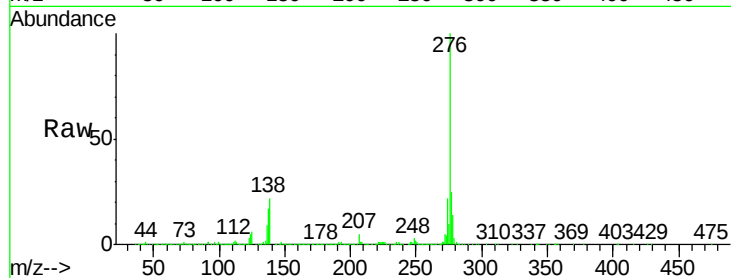
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.92 ng
RT: 28.54 min Scan# 4289
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

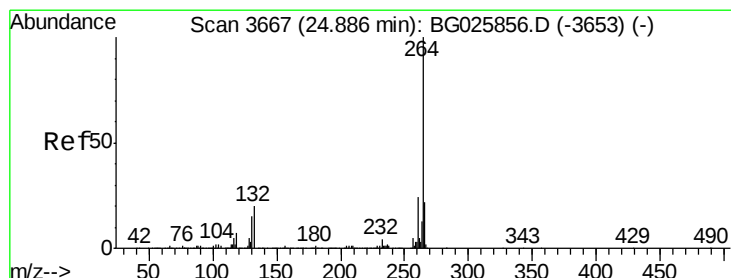
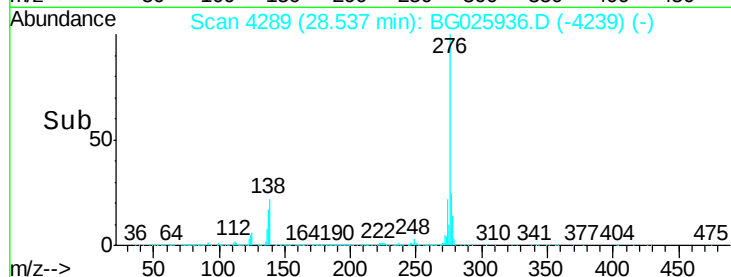
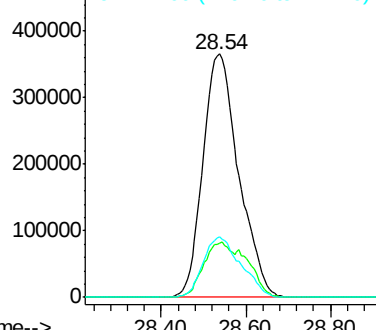
Tgt Ion: 276 Resp: 2137976
Ion Ratio Lower Upper
276 100
138 18.0 4.7 7.1#
277 26.2 20.6 31.0

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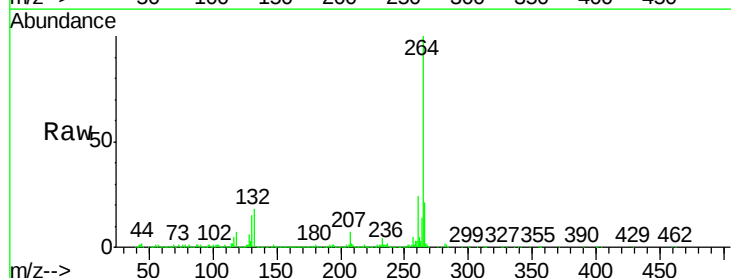


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

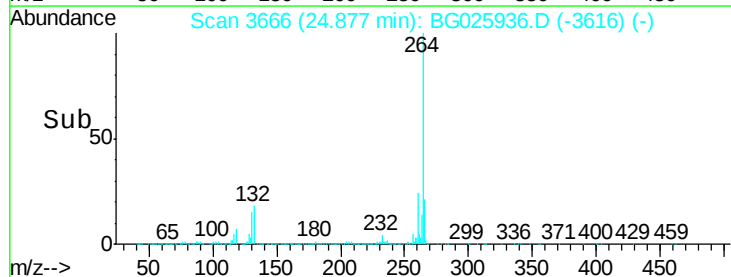
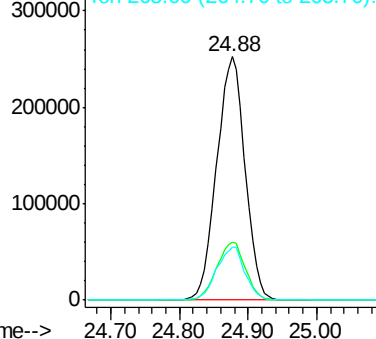


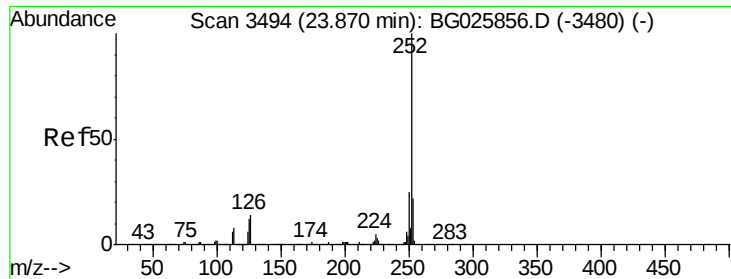
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.88 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion: 264 Resp: 725564
Ion Ratio Lower Upper
264 100
260 23.8 21.8 32.8
265 21.5 18.2 27.4



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





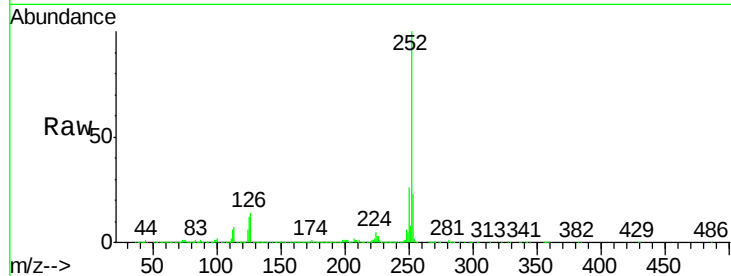
#87
Benzo(b)fluoranthene
Concen: 41.76 ng
RT: 23.86 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

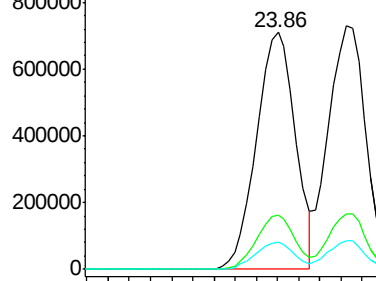
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	11.6	5.3	7.9#

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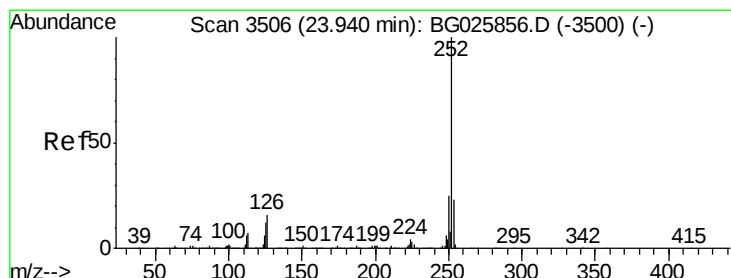
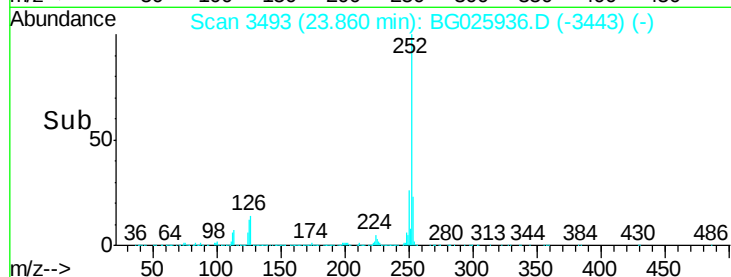
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

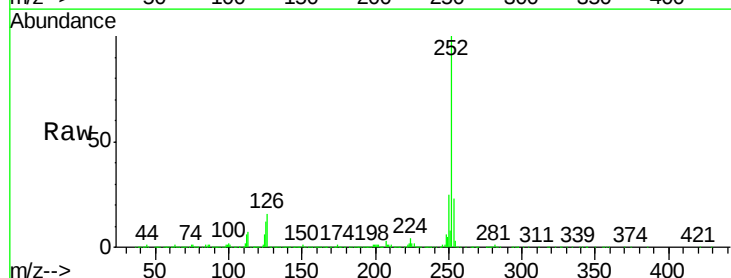


Time--> 23.70 23.80 23.90

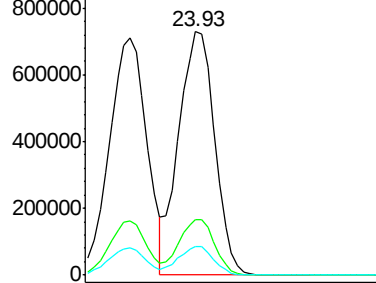


#88
Benzo(k)fluoranthene
Concen: 42.26 ng
RT: 23.93 min Scan# 3504
Delta R.T. -0.02 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

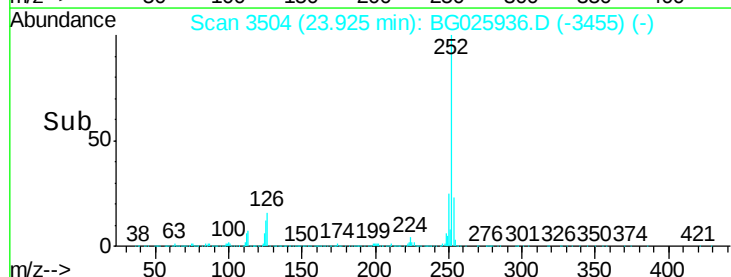
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.2	30.2
125	11.6	5.1	7.7#

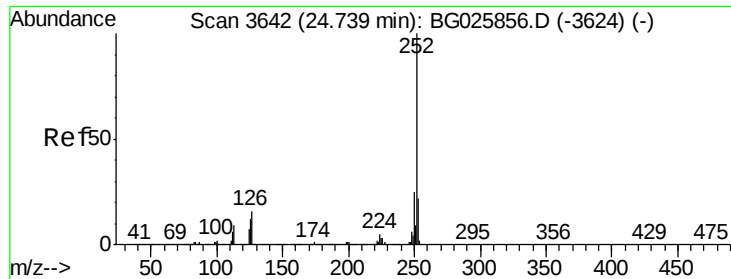


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.90 24.00





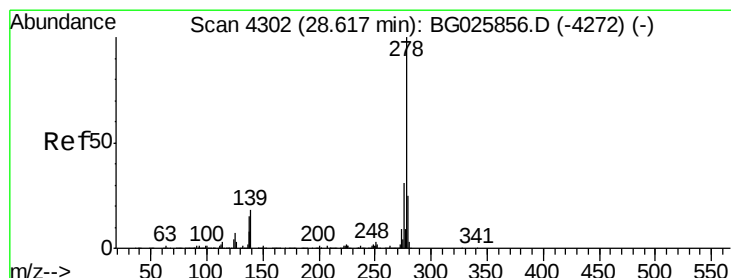
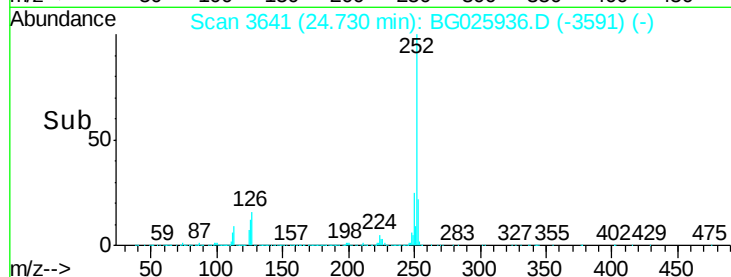
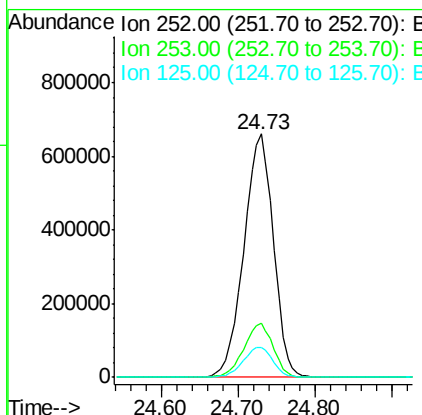
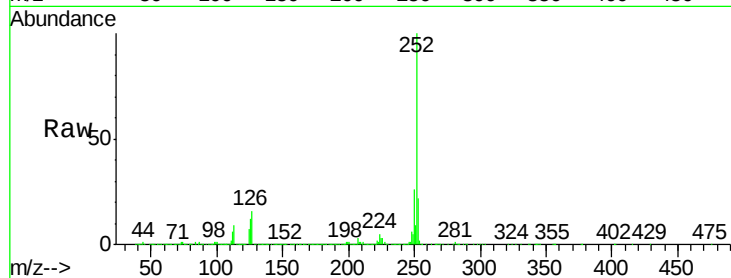
#89
Benzo(a)pyrene
Concen: 43.02 ng
RT: 24.73 min Scan# 3641
Delta R.T. -0.01 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	12.2	5.4	8.0

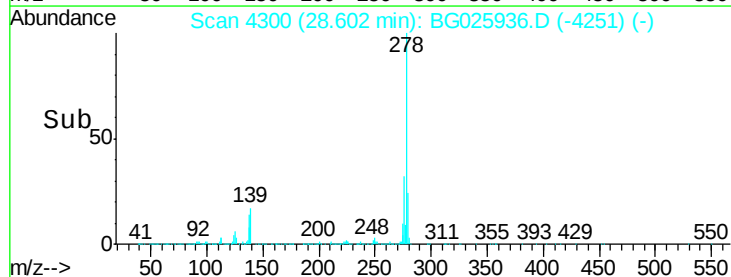
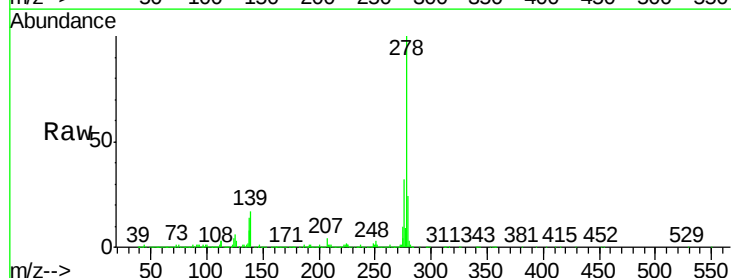
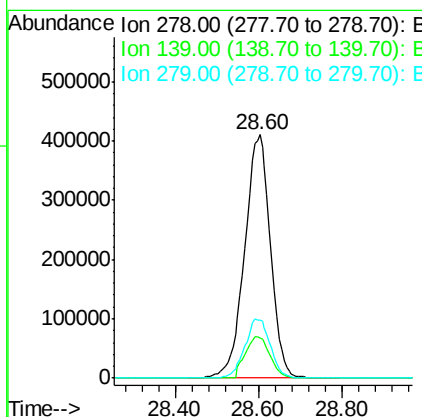
Manual Integrations
APPROVED

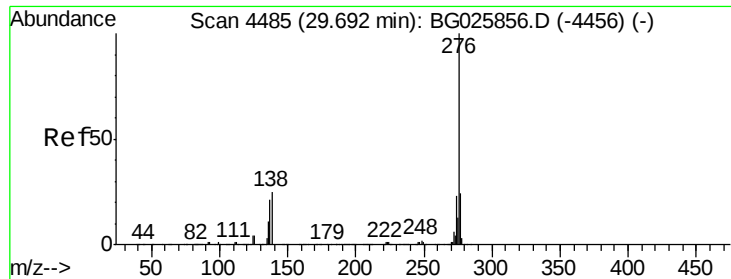
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 42.79 ng
RT: 28.60 min Scan# 4300
Delta R.T. -0.02 min
Lab File: BG025936.D
Acq: 24 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	7.7	11.5
279	24.1	19.1	28.7





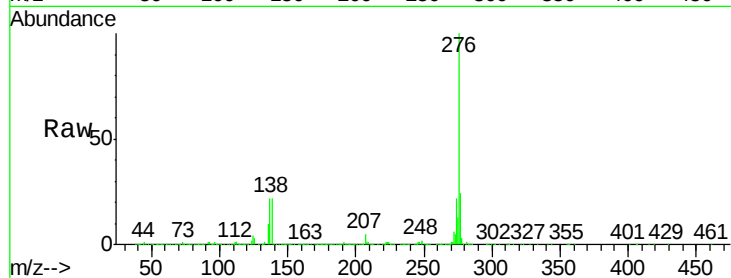
#91
 Benzo(g,h,i)perylene
 Concen: 42.46 ng
 RT: 29.68 min Scan# 4483
 Delta R.T. -0.02 min
 Lab File: BG025936.D
 Acq: 24 Feb 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB97155BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	22.2	8.1	12.1

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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

