

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025981.D
 Acq On : 28 Feb 2017 2:24
 Operator : SJ/MA
 Sample : I1998-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Manual Integrations
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mohammad
 3/1/2017 12:37:50 PM

Quant Time: Feb 28 04:35:44 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	8.07	152	88984	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	449041	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	333276	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	863814	20.00	ng	0.00
75) Chrysene-d12	21.66	240	848868	20.00	ng	-0.02
86) Perylene-d12	24.86	264	837202	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	748273	146.40	ng	0.00
7) Phenol-d6	7.23	99	1014897	134.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	652324	91.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	594186	192.97	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1858204	97.43	ng	-0.01
78) Terphenyl-d14	20.00	244	2767126	79.28	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	71079	30.43	ng	# 62
3) Pyridine	3.94	79	216495	31.10	ng	# 74
4) n-Nitrosodimethylamine	3.84	42	90167	36.02	ng	# 30
6) Aniline	7.40	93	265658	25.26	ng	91
8) 2-Chlorophenol	7.64	128	292632	48.17	ng	87
9) Benzaldehyde	7.21	77	82755	18.47	ng	# 74
10) Phenol	7.26	94	353435	43.00	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	267860	39.65	ng	88
12) 1,3-Dichlorobenzene	7.97	146	280254	39.91	ng	# 87
13) 1,4-Dichlorobenzene	8.12	146	291228m	40.94	ng	
14) 1,2-Dichlorobenzene	8.43	146	286266	40.99	ng	# 91
15) Benzyl Alcohol	8.31	79	279483	50.46	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	349354	35.64	ng	90
17) 2-Methylphenol	8.51	107	273955	46.27	ng	# 83
18) Hexachloroethane	9.16	117	95753	40.62	ng	89
19) n-Nitroso-di-n-propylamine	8.87	70	239574	43.37	ng	# 81
20) 3+4-Methylphenols	8.84	107	394370	46.75	ng	86
22) Acetophenone	8.89	105	462546	42.93	ng	# 80
24) Nitrobenzene	9.27	77	332965	43.27	ng	# 80
25) Isophorone	9.80	82	711055	45.41	ng	# 92
26) 2-Nitrophenol	9.98	139	180861	50.26	ng	# 70
27) 2,4-Dimethylphenol	10.04	122	341114	50.79	ng	85
28) bis(2-Chloroethoxy)methane	10.28	93	423221	42.65	ng	98
29) 2,4-Dichlorophenol	10.52	162	344347	53.72	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	301408	43.24	ng	99
31) Naphthalene	10.93	128	1074510	46.28	ng	99
32) Benzoic acid	10.16	122	265303	51.74	ng	# 74
33) 4-Chloroaniline	11.03	127	53117	5.27	ng	# 81
34) Hexachlorobutadiene	11.22	225	164190	41.39	ng	98
35) Caprolactam	11.79	113	126261m	48.78	ng	
36) 4-Chloro-3-methylphenol	12.14	107	425299	55.46	ng	# 81
37) 2-Methylnaphthalene	12.52	142	834634	47.20	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	365604	43.77	ng	99
40) Hexachlorocyclopentadiene	12.87	237	396978	86.85	ng	96

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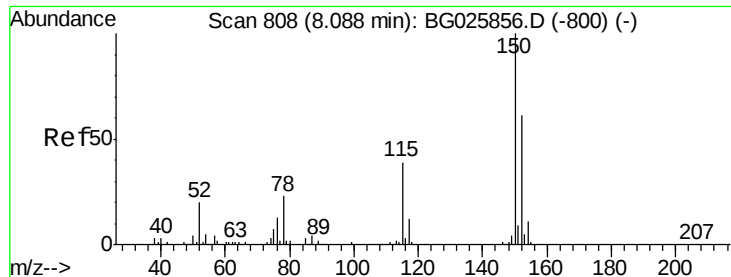
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	313896	58.18	nq	94
43) 2,4,5-Trichlorophenol	13.19	196	337431	55.10	nq	# 93
45) 1,1'-Biphenyl	13.52	154	1124792	46.57	nq	99
46) 2-Chloronaphthalene	13.56	162	842176	48.23	nq	97
47) 2-Nitroaniline	13.76	65	308023	55.62	nq	# 69
48) Acenaphthylene	14.40	152	1499265	48.22	nq	100
49) Dimethylphthalate	14.13	163	1227149	53.67	nq	99
50) 2,6-Dinitrotoluene	14.25	165	292203	56.89	nq	# 66
51) Acenaphthene	14.74	154	998035	48.61	nq	98
52) 3-Nitroaniline	14.57	138	144624	25.17	nq	# 72
53) 2,4-Dinitrophenol	14.78	184	365243	135.90	nq	88
54) Dibenzofuran	15.08	168	1477187	53.97	nq	90
55) 4-Nitrophenol	14.88	139	507809	108.61	nq	# 48
56) 2,4-Dinitrotoluene	15.03	165	428147	61.96	nq	# 77
57) Fluorene	15.72	166	1254437	51.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	339732	62.88	nq	97
59) Diethylphthalate	15.49	149	1308873	55.35	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	592889	52.31	nq	92
61) 4-Nitroaniline	15.73	138	336478	56.50	nq	# 56
62) Azobenzene	16.00	77	1163254	57.22	nq	85
64) 4,6-Dinitro-2-methylphenol	15.80	198	257585	50.96	nq	90
65) n-Nitrosodiphenylamine	15.92	169	1152815	44.01	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	403665	44.59	nq	98
67) Hexachlorobenzene	16.72	284	416553	44.64	nq	97
68) Atrazine	16.86	200	427236	46.08	nq	97
69) Pentachlorophenol	17.06	266	554296	96.30	nq	97
70) Phenanthrene	17.45	178	2025357	43.19	nq	99
71) Anthracene	17.55	178	2089693	43.71	nq	99
72) Carbazole	17.80	167	1956227	40.73	nq	98
73) Di-n-butylphthalate	18.36	149	2264982	48.04	nq	# 95
74) Fluoranthene	19.45	202	2245350	43.49	nq	95
76) Benzidine	19.62	184	372126	13.89	nq	97
77) Pyrene	19.81	202	2239896	41.72	nq	100
79) Butylbenzylphthalate	20.69	149	1011578	49.65	nq	85
80) Benzo(a)anthracene	21.64	228	2151978	43.42	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	498968	28.24	nq	# 95
82) Chrysene	21.71	228	1978886	41.52	nq	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1414599	48.09	nq	98
84) Di-n-octyl phthalate	22.75	149	2450204	50.43	nq	# 86
85) Indeno(1,2,3-cd)pyrene	28.52	276	2626204	46.78	nq	# 87
87) Benzo(b)fluoranthene	23.84	252	2273853	45.35	nq	# 96
88) Benzo(k)fluoranthene	23.91	252	2132894	43.60	nq	# 94
89) Benzo(a)pyrene	24.71	252	2157257	45.44	nq	# 93
90) Dibenzo(a,h)anthracene	28.57	278	2166454	45.42	nq	# 92
91) Benzo(g,h,i)perylene	29.66	276	2164141	45.25	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

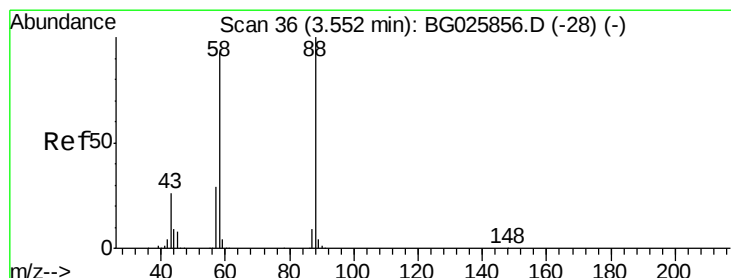
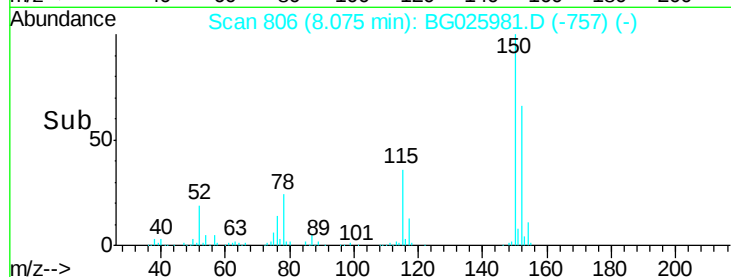
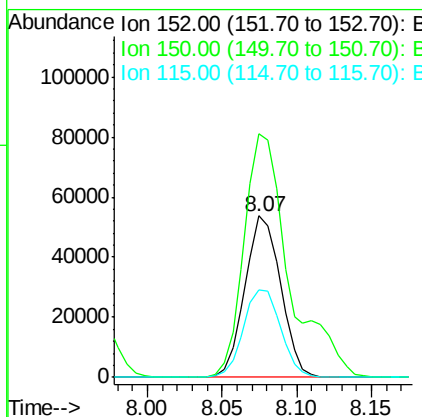
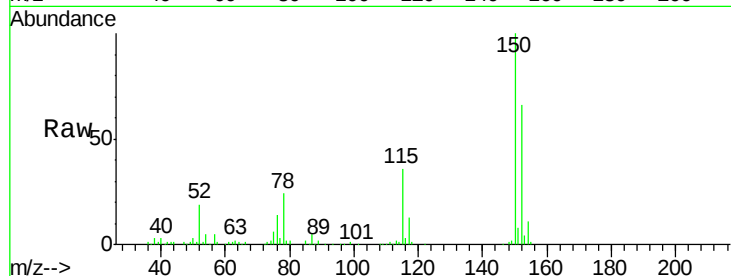
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:	152	Resp:	88984
Ion	Ratio	Lower	Upper
152	100		
150	151.2	114.0	171.0
115	54.6	48.1	72.1

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#2

1,4-Dioxane

Concen: 30.43 ng

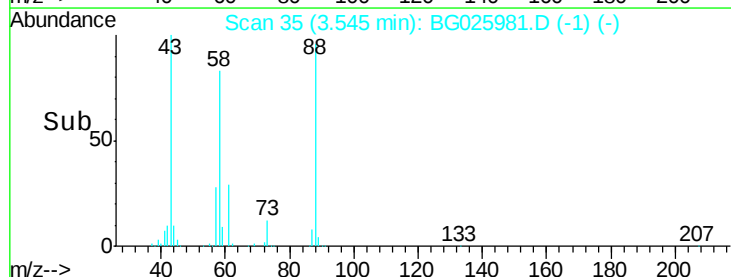
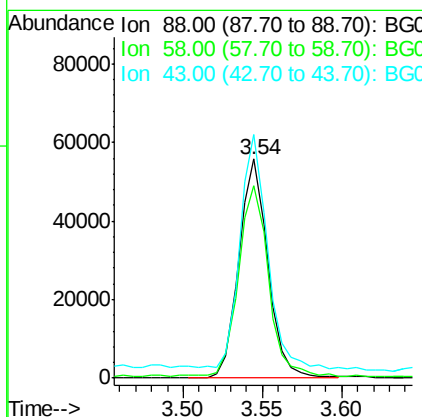
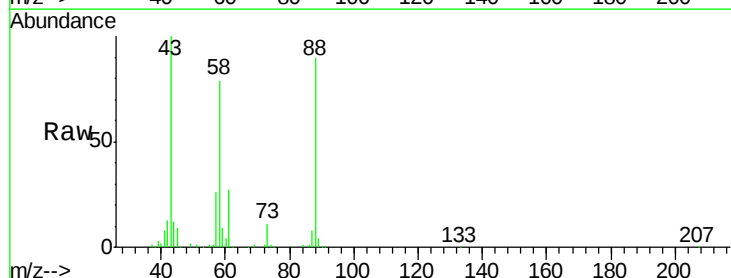
RT: 3.54 min Scan# 35

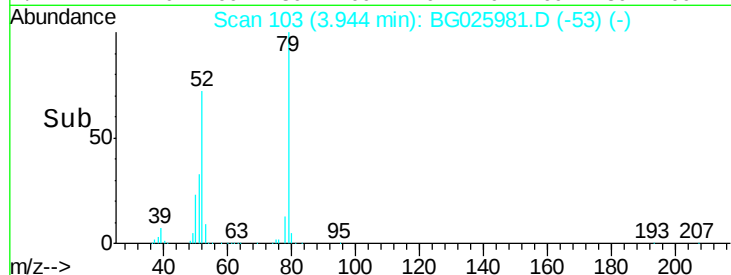
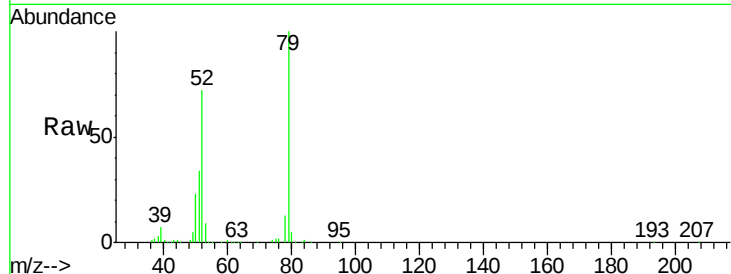
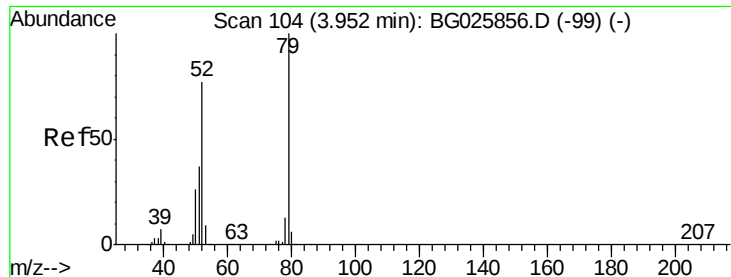
Delta R.T. -0.01 min

Lab File: BG025981.D

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Tgt Ion:	88	Resp:	71079
Ion	Ratio	Lower	Upper
88	100		
58	88.6	79.4	119.2
43	105.9	33.8	50.6#





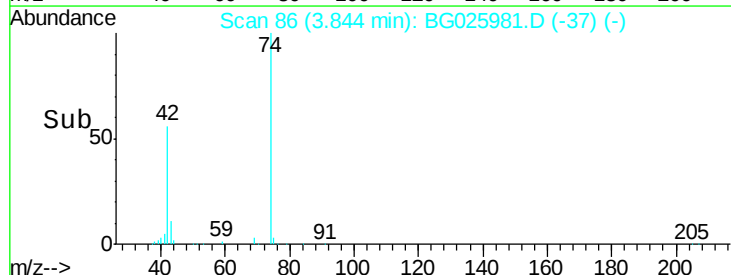
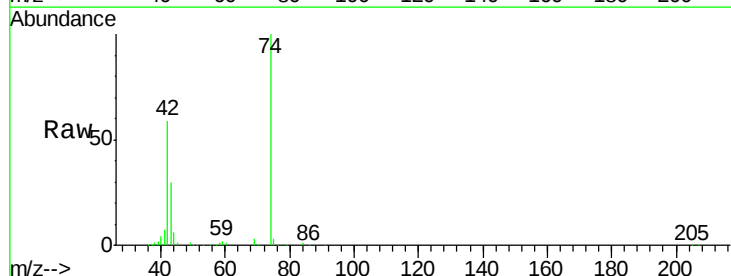
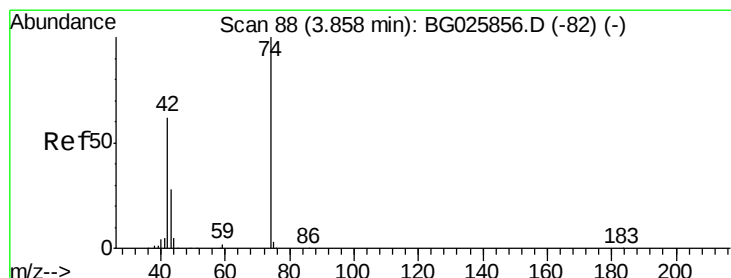
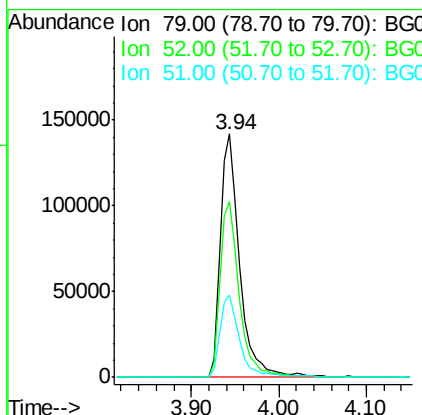
#3
 Pvridine
 Concen: 31.10 ng
 RT: 3.94 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tot Ion	Ratio	Resp	Lower	Upper
79	100	216495		
52	72.2		77.8	116.6#
51	33.7		43.2	64.8#

Instrument :
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 ROLL-OFF-15-50-COMPMSD

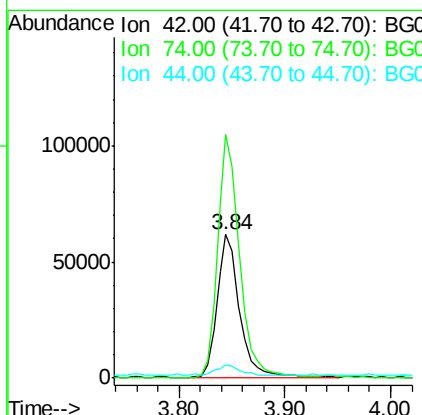
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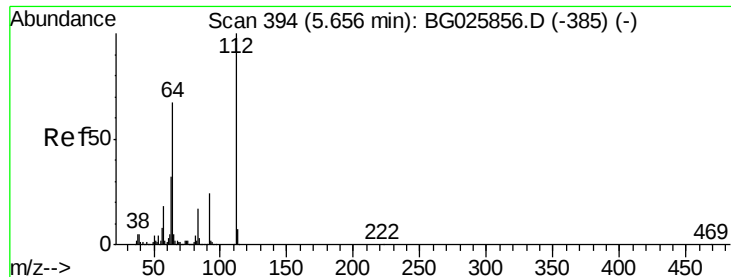
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#4
 n-Nitrosodimethylamine
 Concen: 36.02 ng
 RT: 3.84 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	90167		
74	169.7		76.7	115.1#
44	9.5		6.1	9.1#





#5

2-Fluorophenol

Concen: 146.40 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

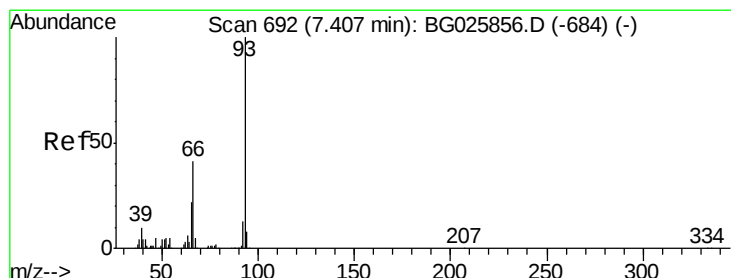
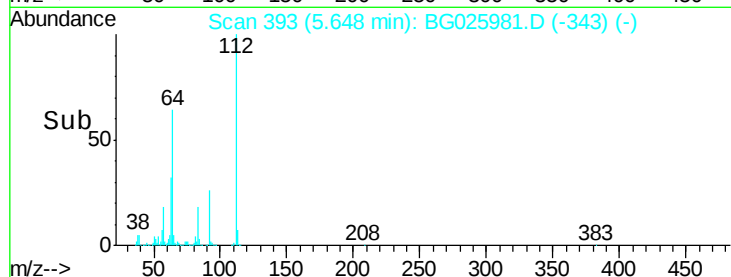
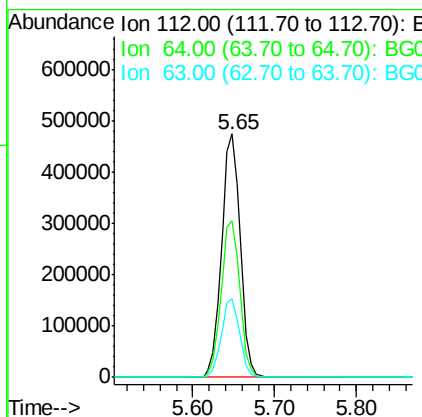
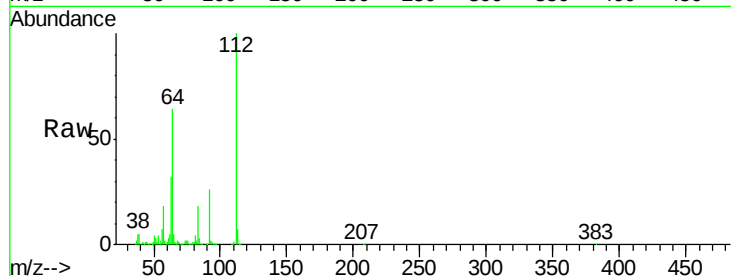
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:	112	Resp:	748273
Ion Ratio	Lower	Upper	
112	100		
64	64.3	61.8	92.6
63	32.5	37.2	55.8#

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#6

Aniline

Concen: 25.26 ng

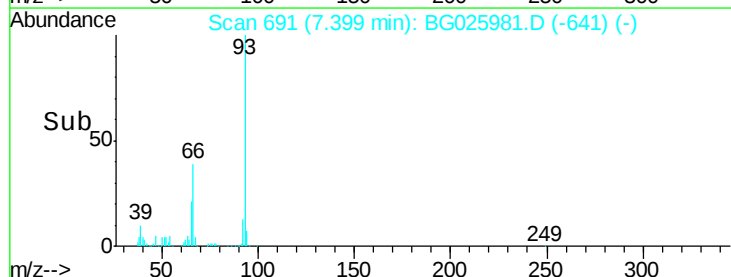
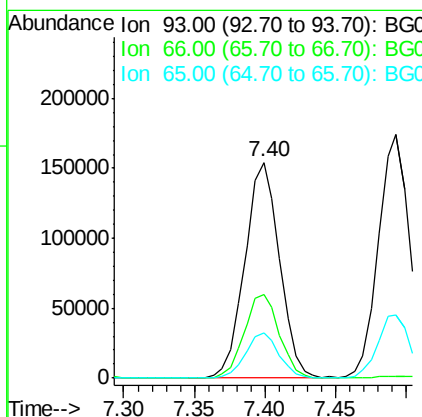
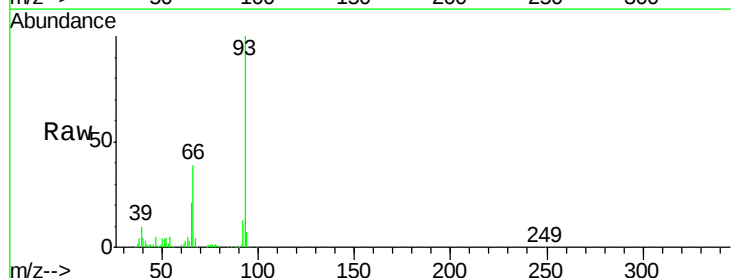
RT: 7.40 min Scan# 691

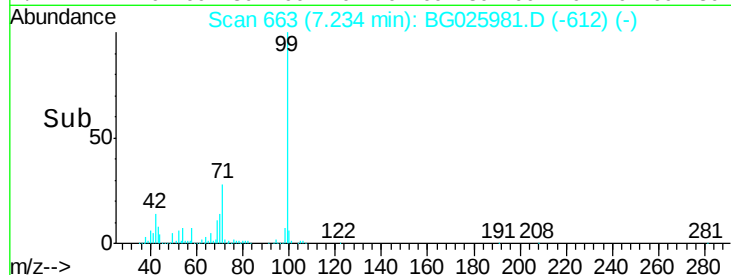
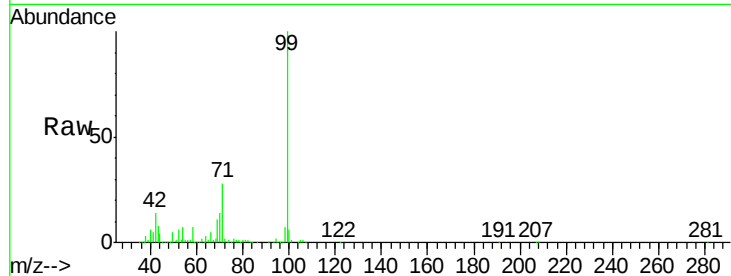
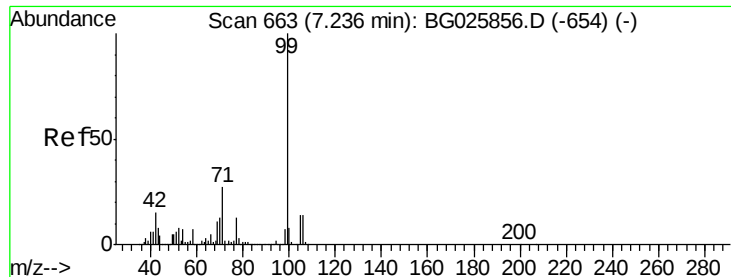
Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion:	93	Resp:	265658
Ion Ratio	Lower	Upper	
93	100		
66	39.0	35.4	53.2
65	21.2	21.2	31.8





#7

Phenol-d6

Concen: 134.19 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tot Ion: 99 Resp: 1014897

Ion Ratio Lower Upper

99 100

42 14.1 20.5 30.7#

71 27.8 37.6 56.4#

Instrument :

BNA_G

ClientSampleId :

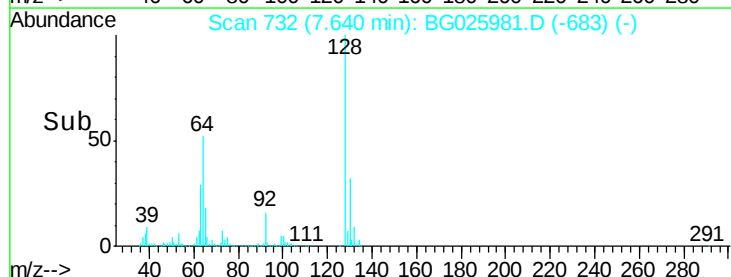
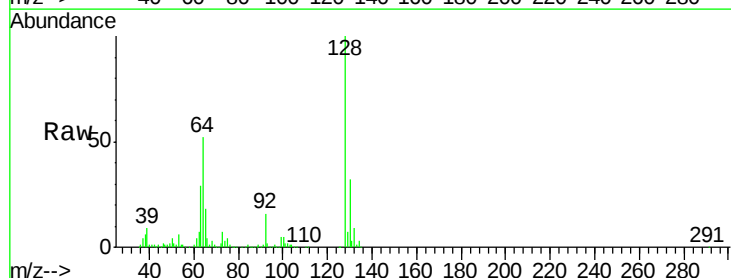
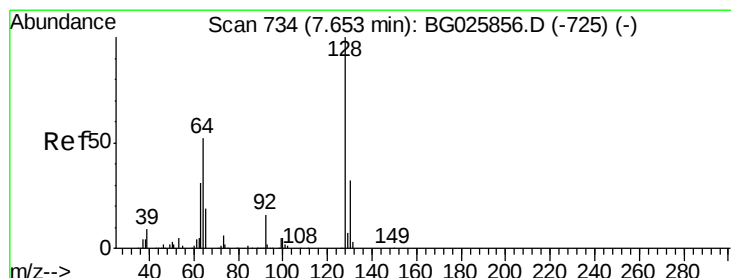
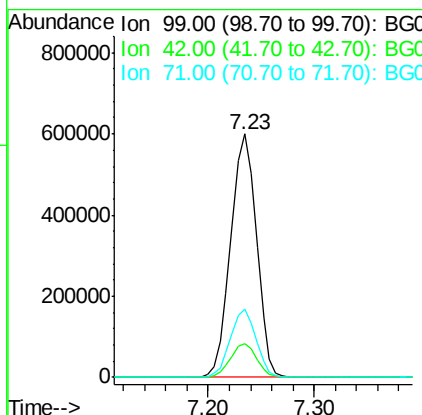
ROLL-OFF-15-50-COMPMSD

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#8

2-Chlorophenol

Concen: 48.17 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

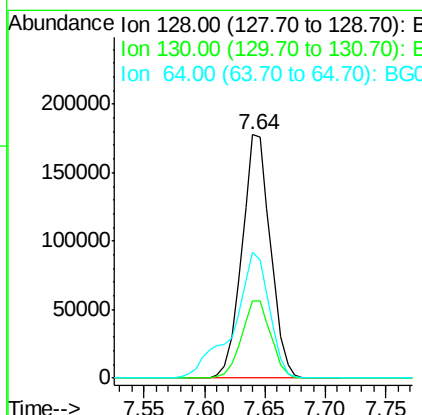
Tgt Ion: 128 Resp: 292632

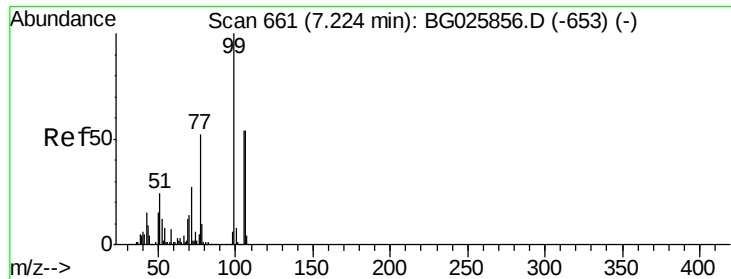
Ion Ratio Lower Upper

128 100

130 31.8 11.4 51.4

64 51.6 46.6 86.6





#9

Benzaldehyde

Concen: 18.47 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

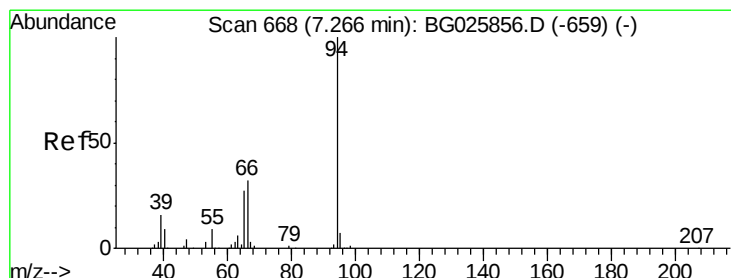
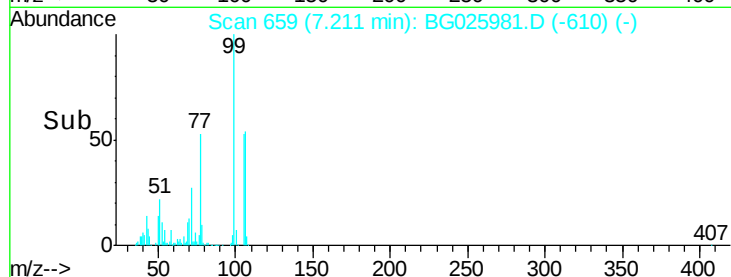
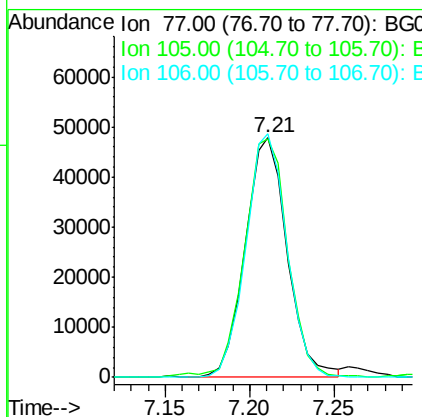
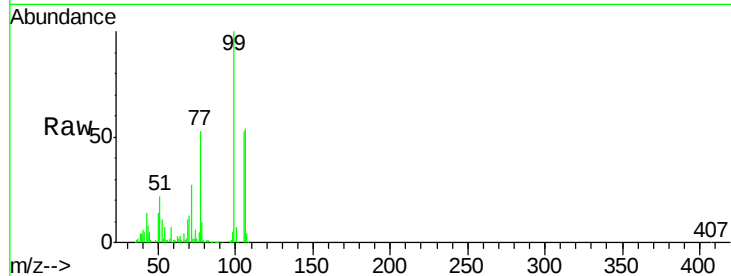
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.9	60.9	100.9		
106	101.7	55.1	95.1#		

Manual Integrations
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#10

Phenol

Concen: 43.00 ng

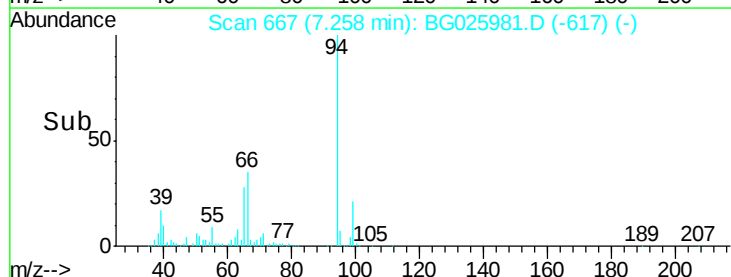
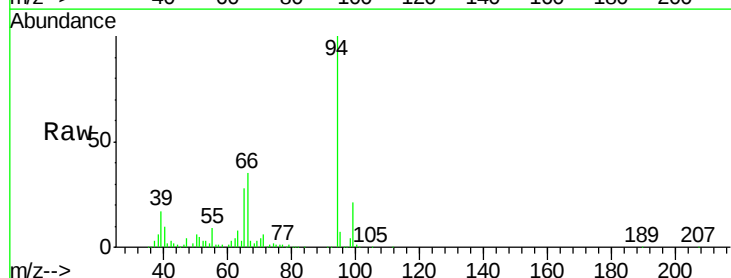
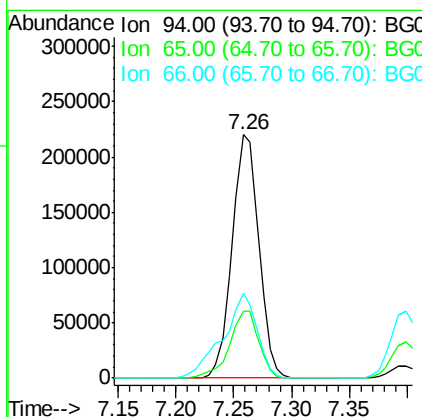
RT: 7.26 min Scan# 667

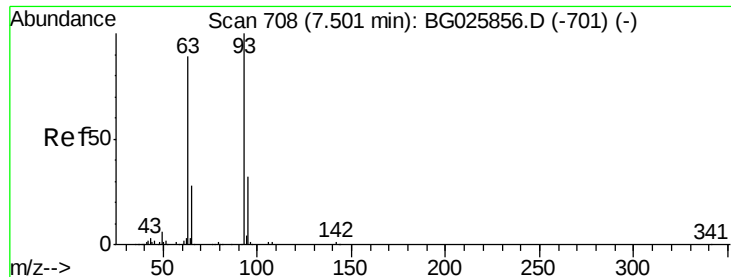
Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.5	20.6	60.6		
66	34.7	35.5	75.5#		





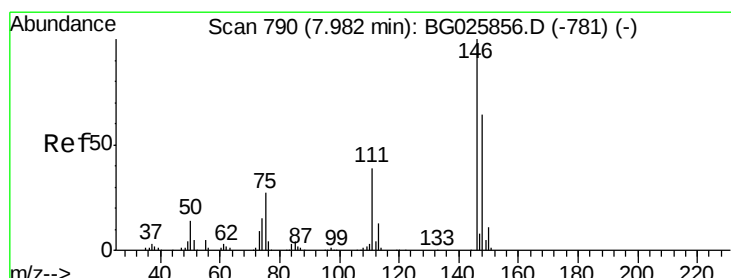
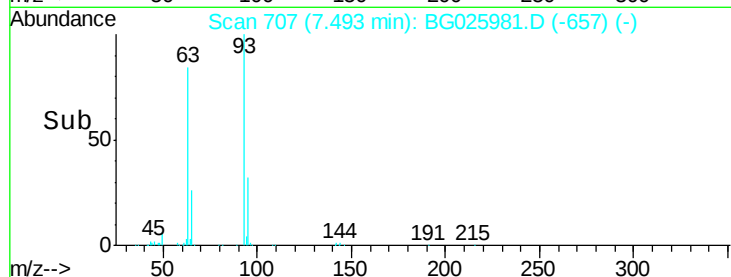
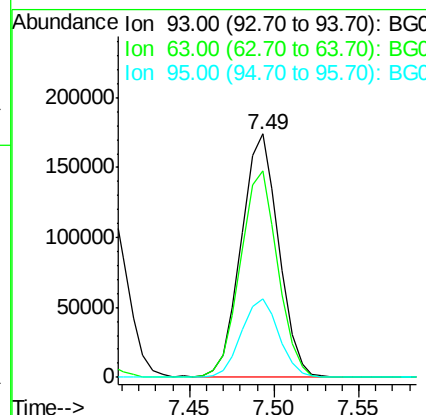
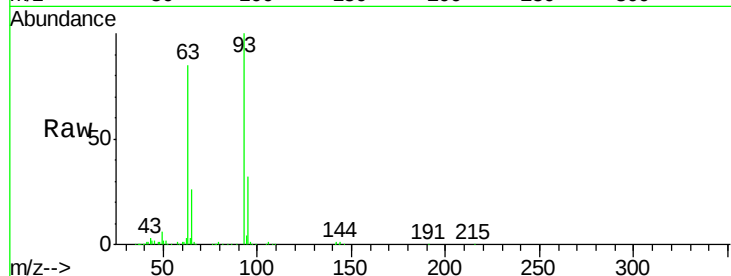
#11
bis(2-Chloroethyl)ether
Concen: 39.65 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	267860		
63	84.7	78.5	118.5	
95	32.2	9.8	49.8	

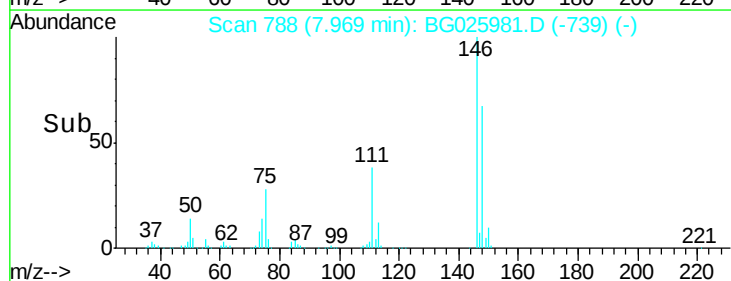
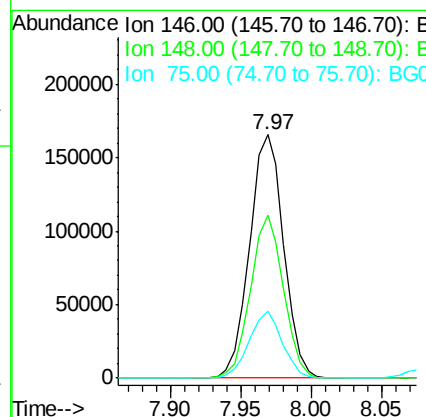
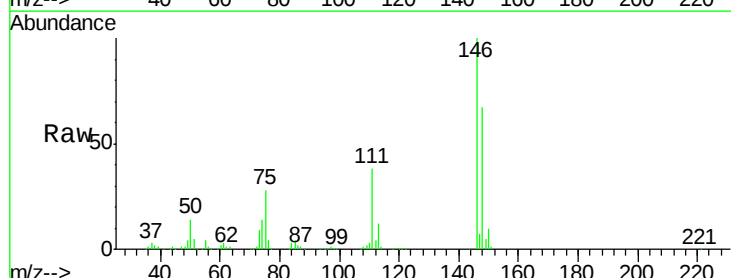
Manual Integrations
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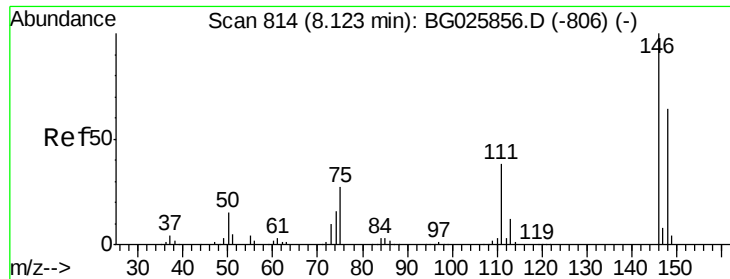
mohammad
3/1/2017 12:37:50 PM



#12
1,3-Dichlorobenzene
Concen: 39.91 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280254		
148	66.8	49.2	73.8	
75	27.7	33.4	50.2	





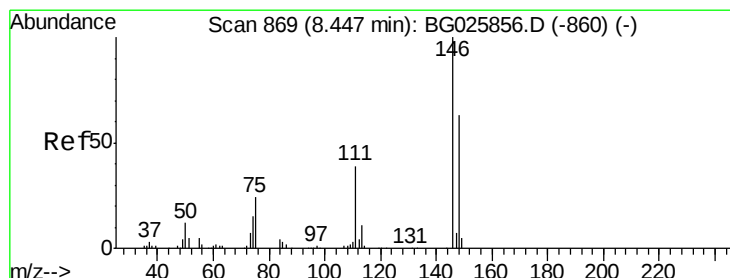
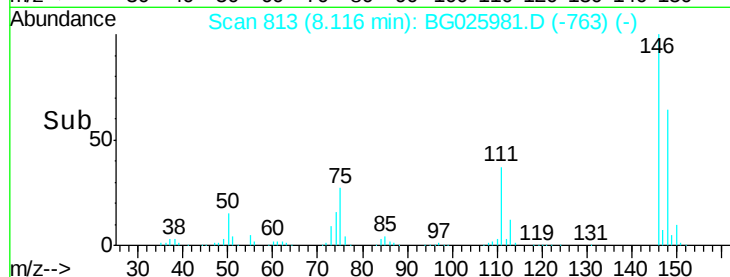
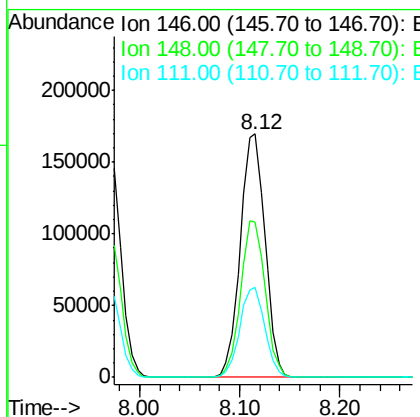
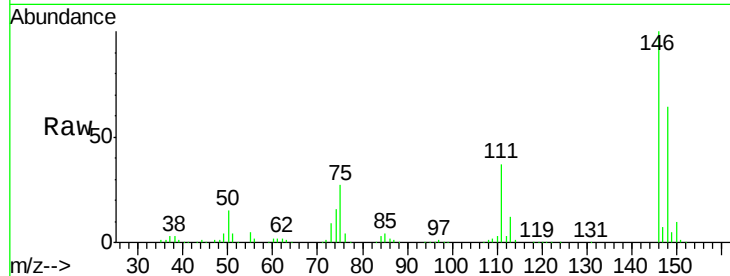
#13
 1,4-Dichlorobenzene
 Concen: 40.94 ng m
 RT: 8.12 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
291228	146	100			
	148	63.7	52.2	78.2	
	111	36.9	37.0	55.6	

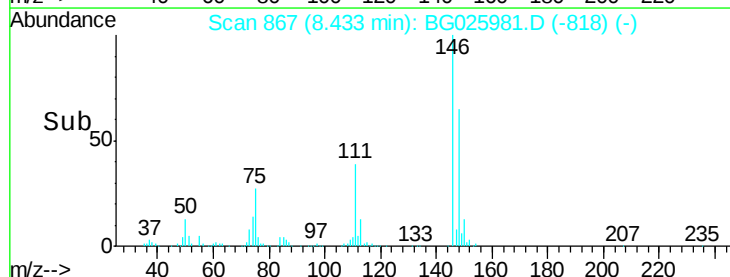
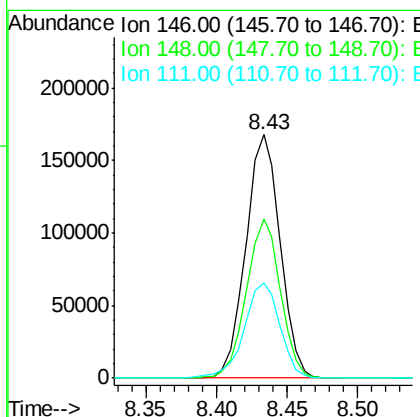
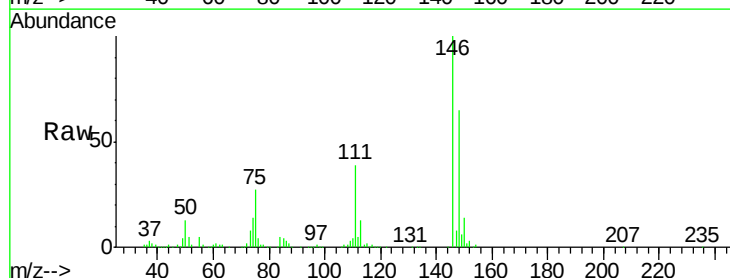
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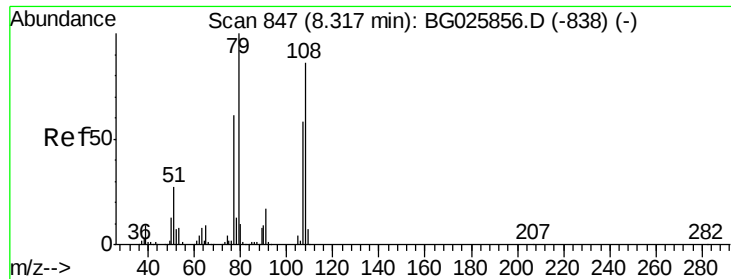
mohammad
 3/1/2017 12:37:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.99 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
286266	146	100			
	148	65.4	54.6	81.8	
	111	39.0	39.7	59.5	





#15

Benzyl Alcohol

Concen: 50.46 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

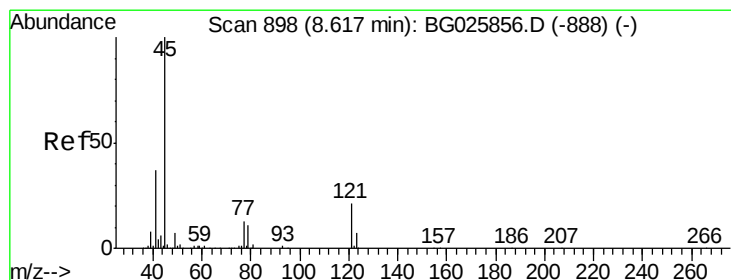
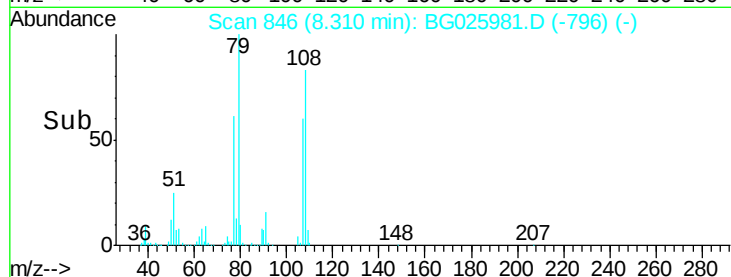
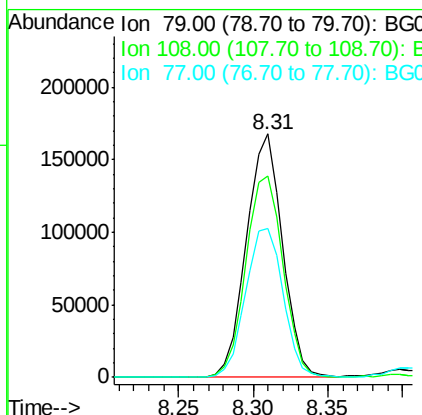
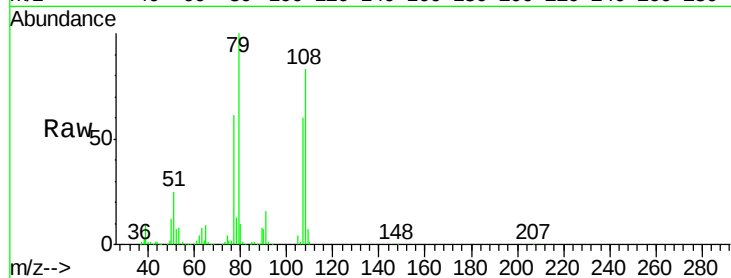
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.6	45.5	68.3#
77	61.2	54.3	81.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.64 ng

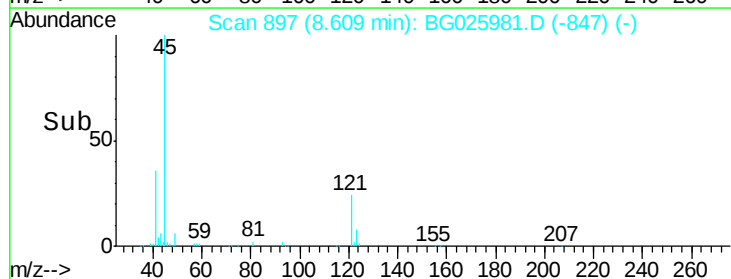
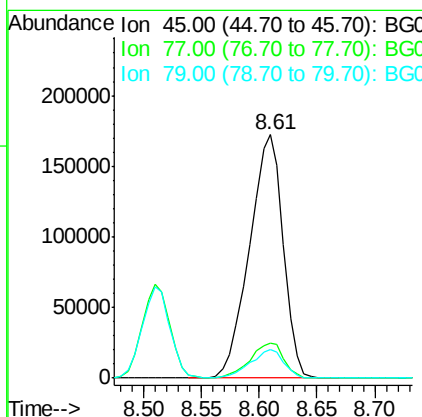
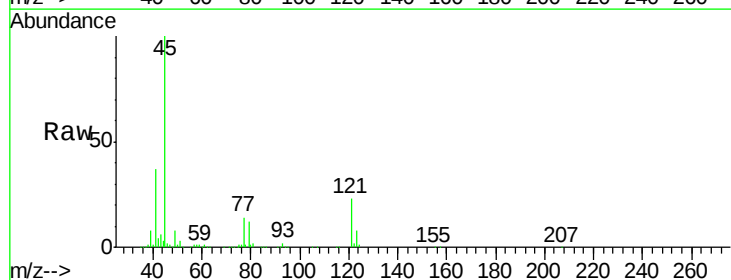
RT: 8.61 min Scan# 897

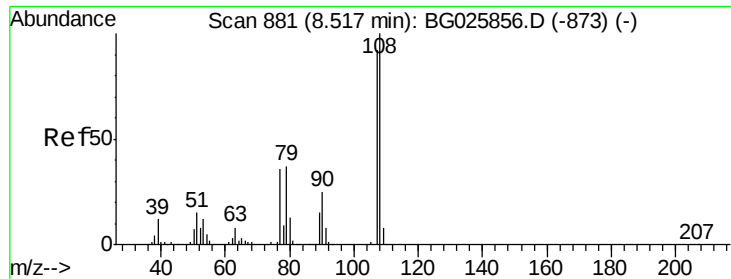
Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	30.6
79	11.8	0.0	28.5





#17

2-Methylphenol

Concen: 46.27 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

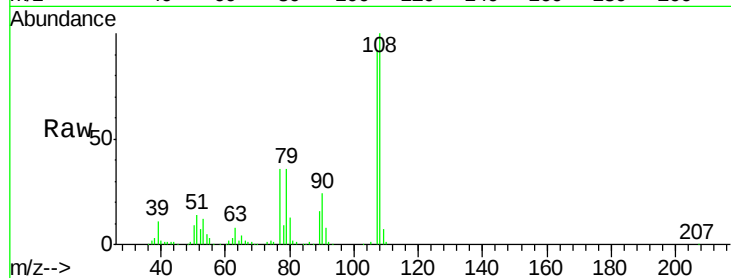
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

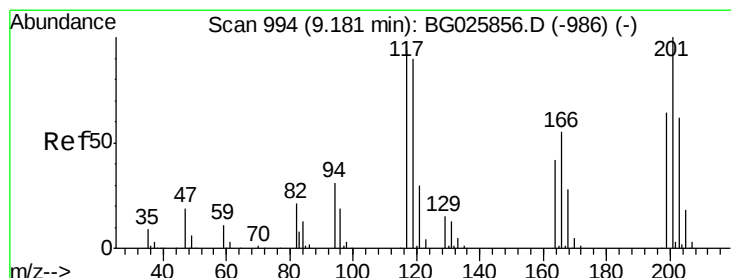
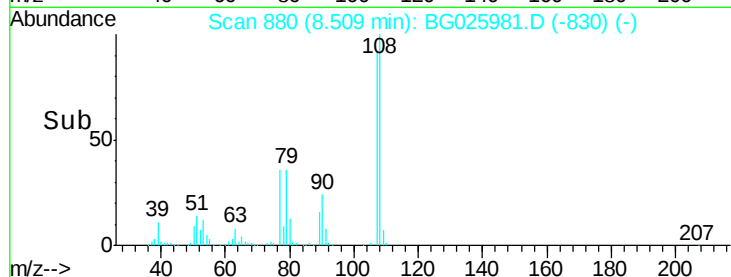
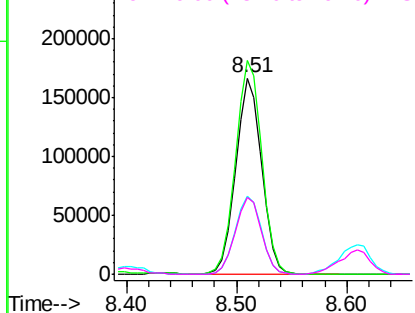
Tot Ion	Ratio	Resp	Lower	Upper
107	100	273955		
108	108.8	85.6	128.4	
77	39.6	51.4	77.2#	
79	38.8	49.2	73.8#	

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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: 40.62 ng

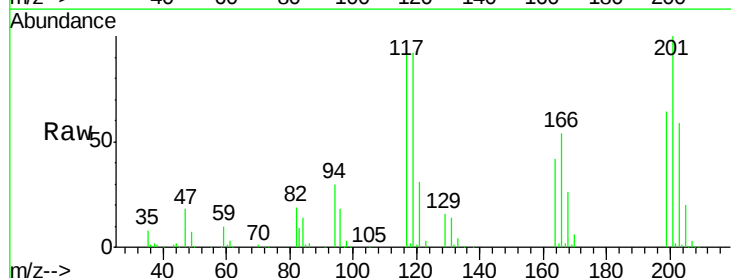
RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

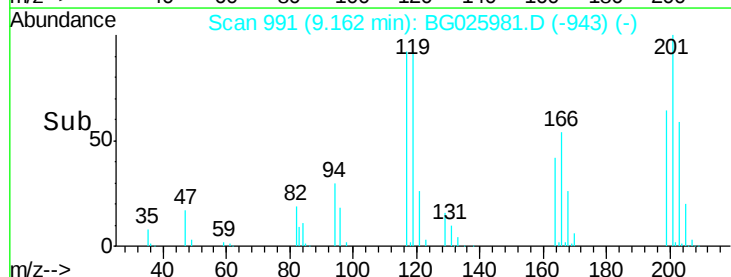
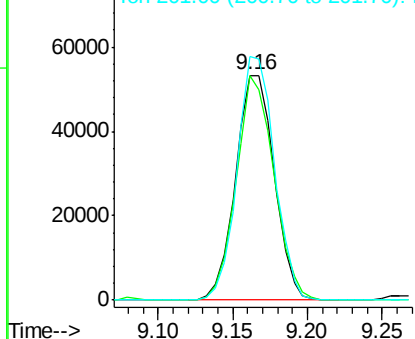
Lab File: BG025981.D

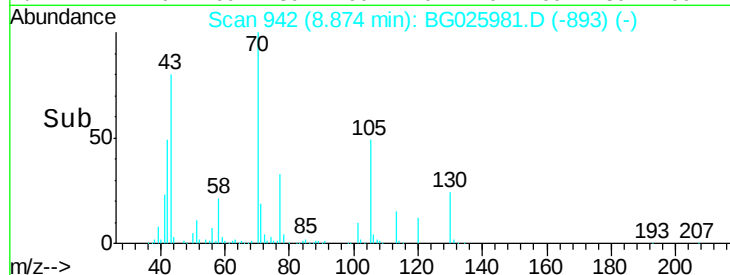
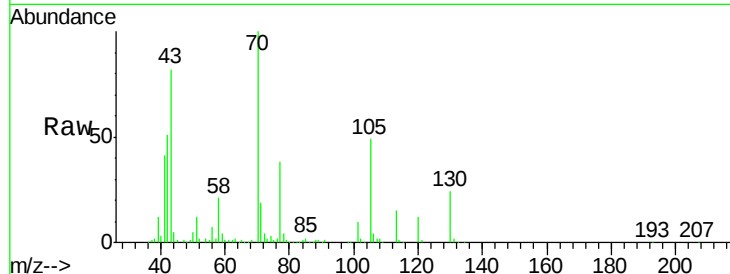
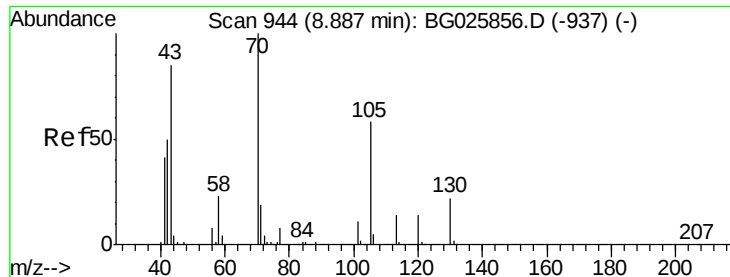
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95753		
119	99.8	69.8	104.6	
201	108.3	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





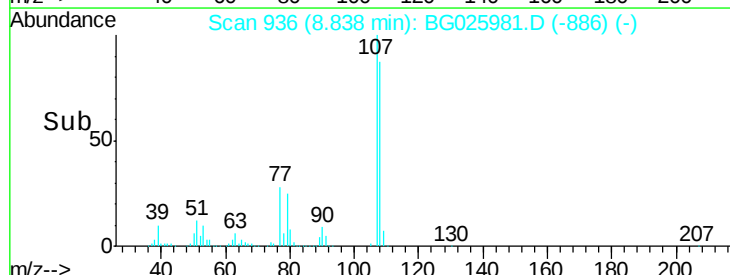
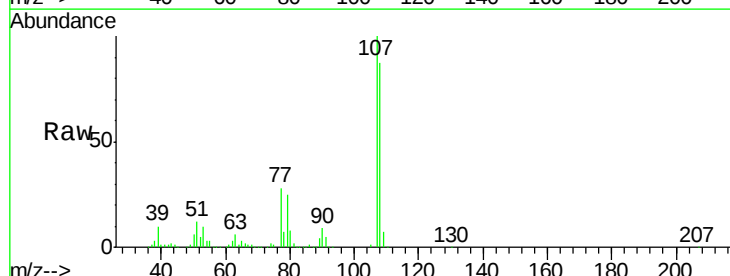
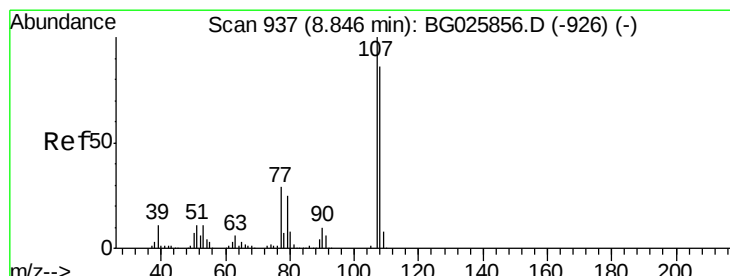
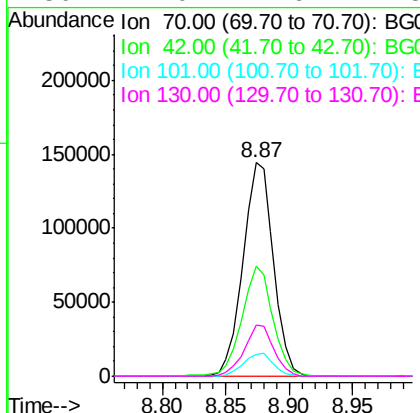
#19
n-Nitroso-di-n-propylamine
Concen: 43.37 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		239574		
42	51.5	56.1	84.1#		
101	10.0	7.5	11.3		
130	24.0	14.6	21.8#		

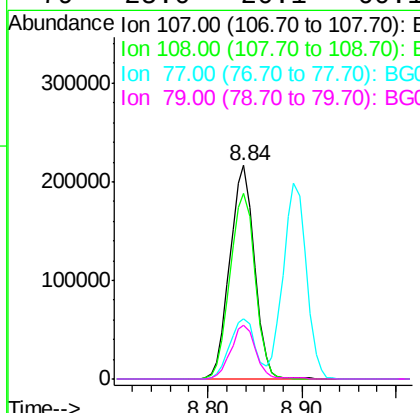
Manual Integrations
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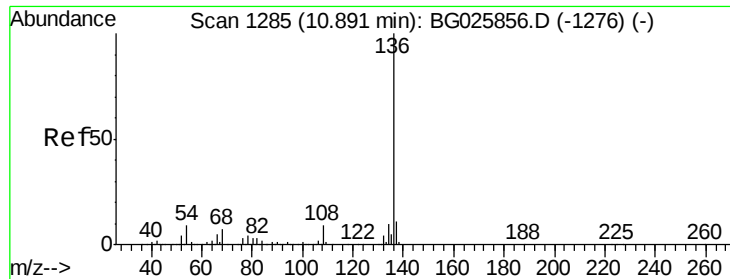
mohammad
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#20
3+4-Methylphenols
Concen: 46.75 ng
RT: 8.84 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		394370		
108	87.0	70.8	110.8		
77	28.4	25.8	65.8		
79	25.0	20.1	60.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

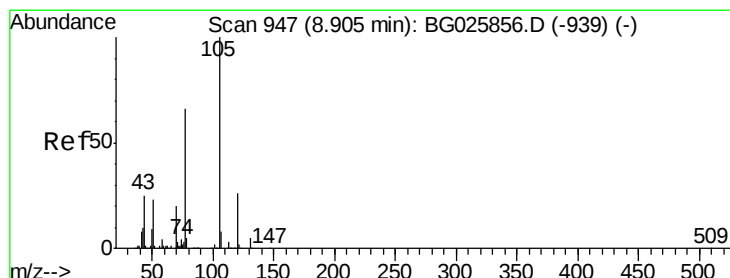
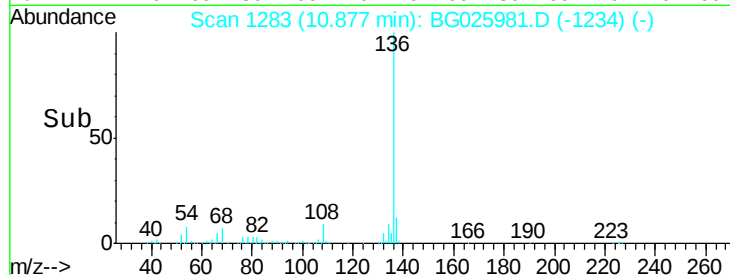
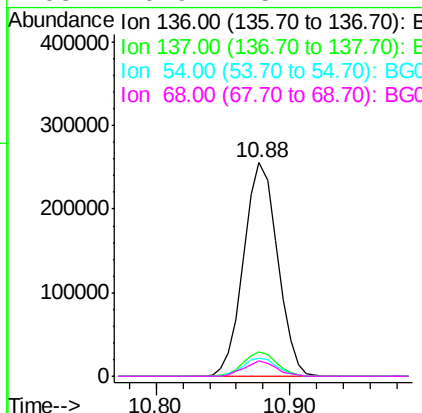
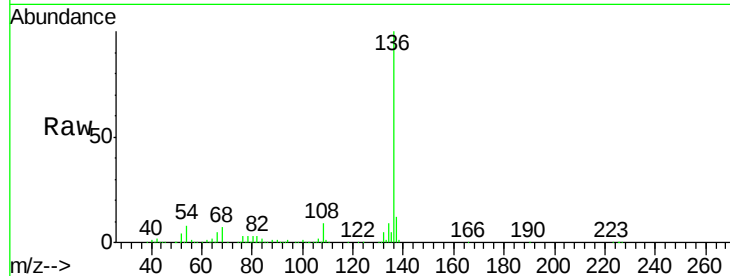
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.9	13.3	
54	8.3	9.3	13.9	
68	6.9	5.1	7.7	

Manual Integrations
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#22

Acetophenone

Concen: 42.93 ng

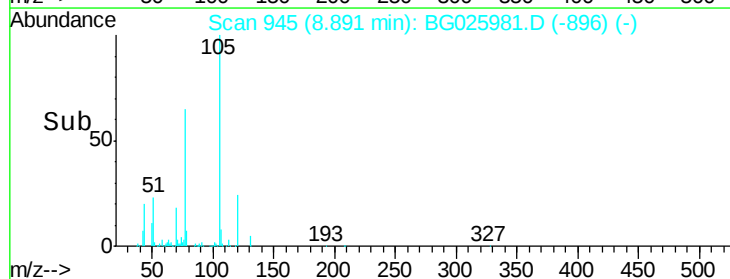
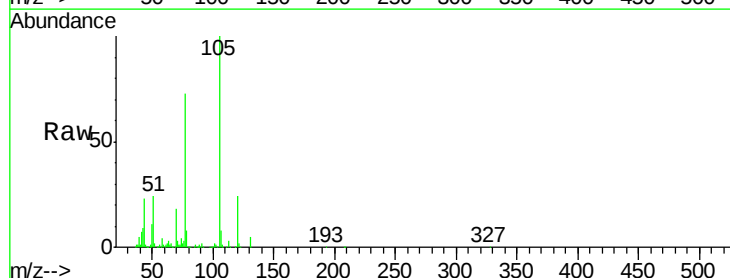
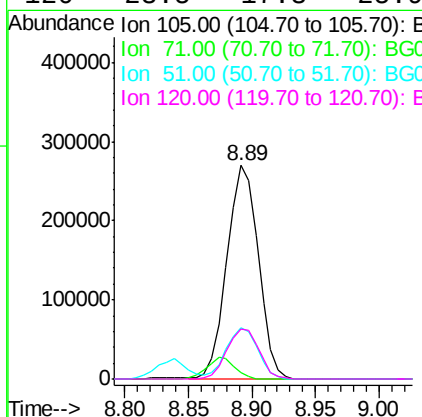
RT: 8.89 min Scan# 945

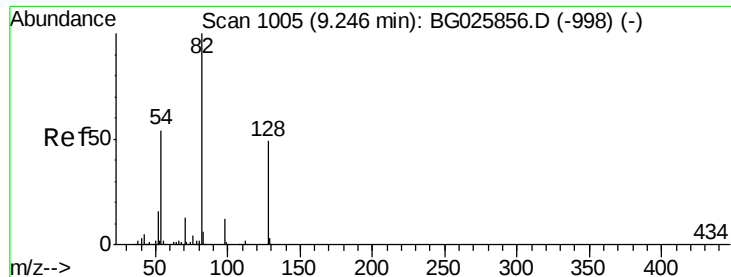
Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	0.9	1.3	
51	24.2	34.0	51.0	
120	23.5	17.3	25.9	





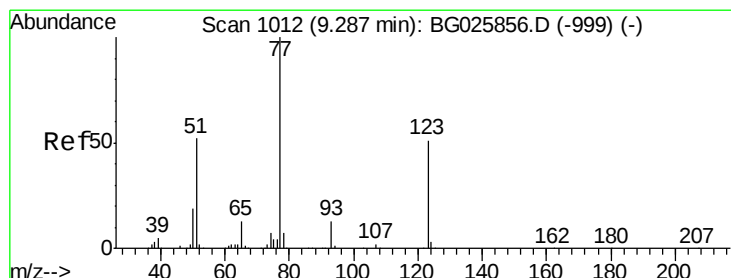
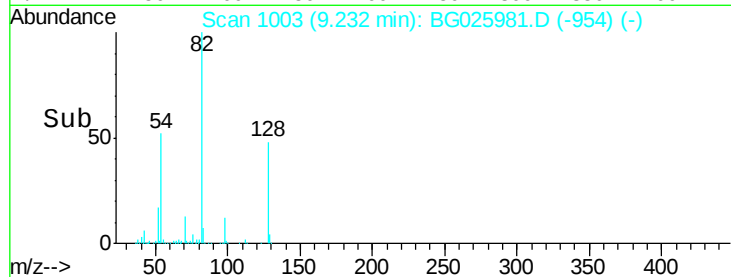
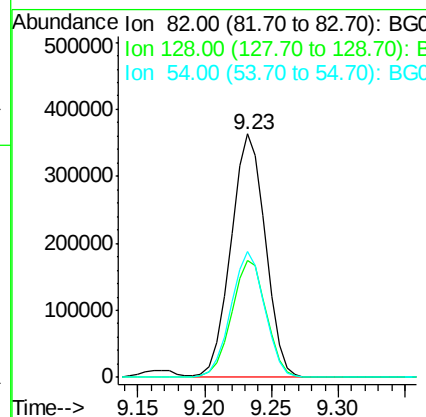
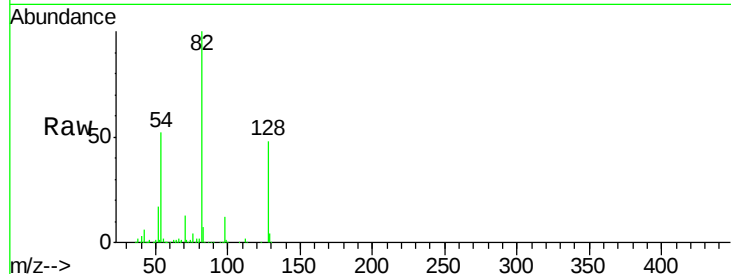
#23
Nitrobenzene-d5
Concen: 91.68 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	26.4	39.6#
54	51.9	49.4	74.2

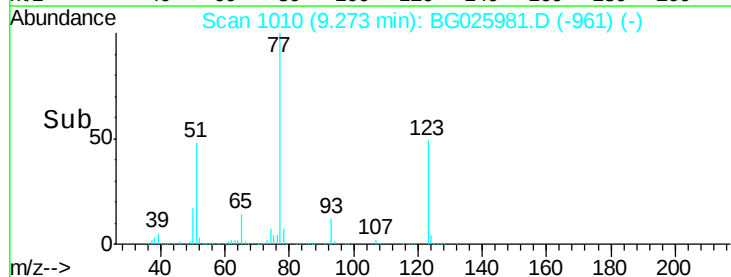
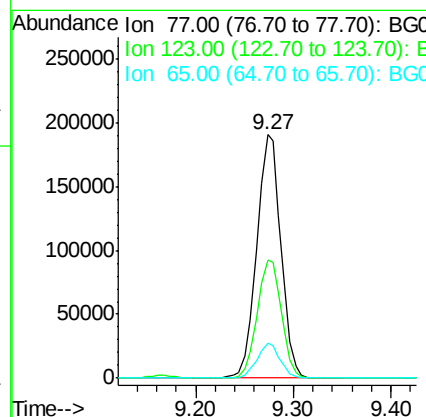
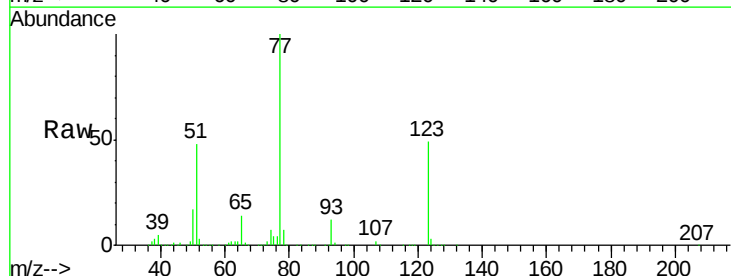
Manual Integrations
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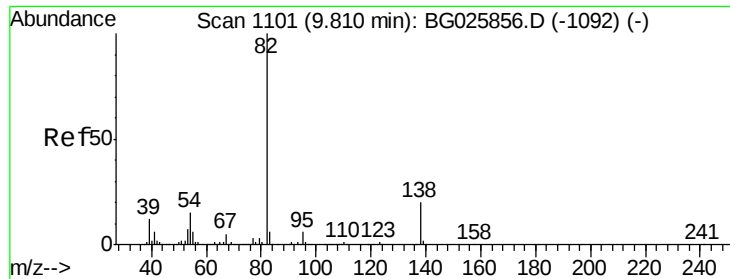
mohammad
3/1/2017 12:37:50 PM



#24
Nitrobenzene
Concen: 43.27 ng
RT: 9.27 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	26.1	39.1#
65	14.3	12.4	18.6





#25

Isophorone

Concen: 45.41 ng

RT: 9.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

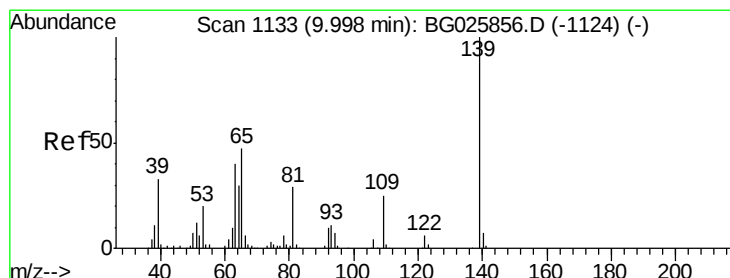
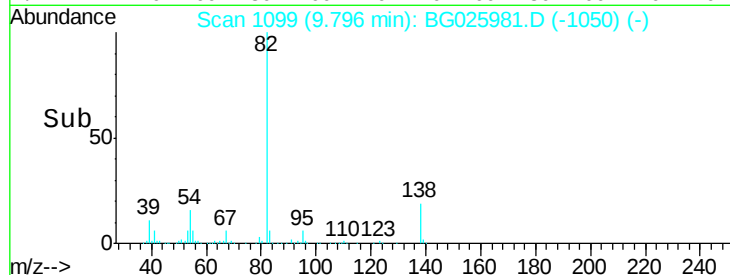
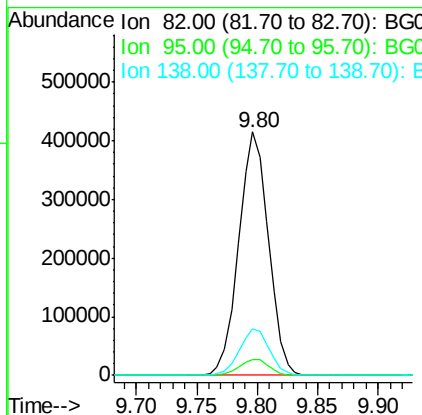
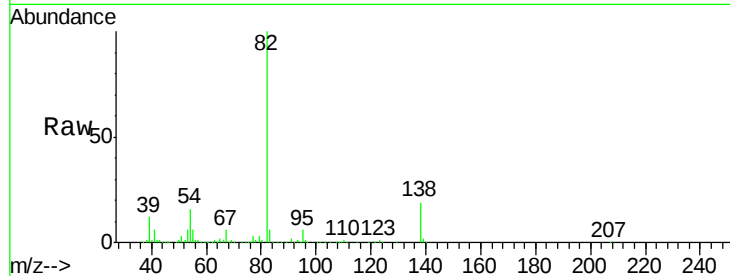
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion	82	Resp	711055
Ion Ratio	Lower	Upper	
82	100		
95	6.4	7.5	11.3#
138	19.0	12.3	18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.26 ng

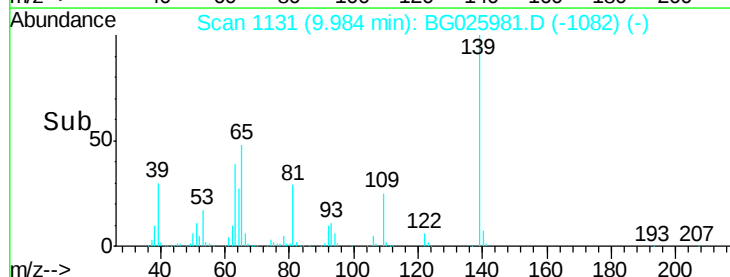
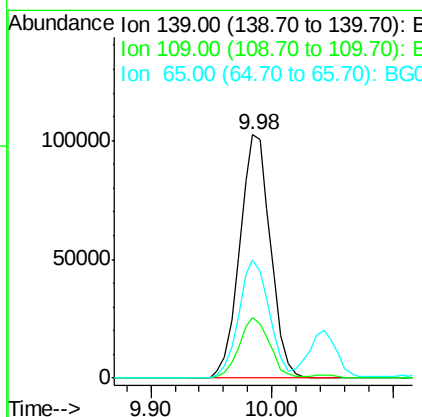
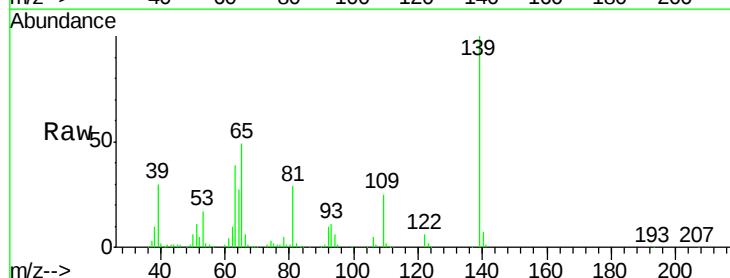
RT: 9.98 min Scan# 1131

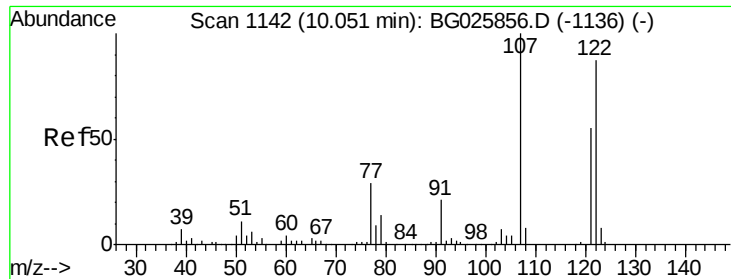
Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion	139	Resp	180861
Ion Ratio	Lower	Upper	
139	100		
109	24.9	38.6	58.0#
65	48.6	57.1	85.7#





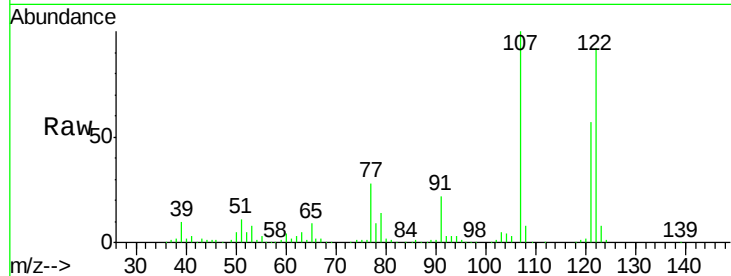
#27
2,4-Dimethylphenol
Concen: 50.79 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	104.2	156.4
121	61.8	46.0	69.0

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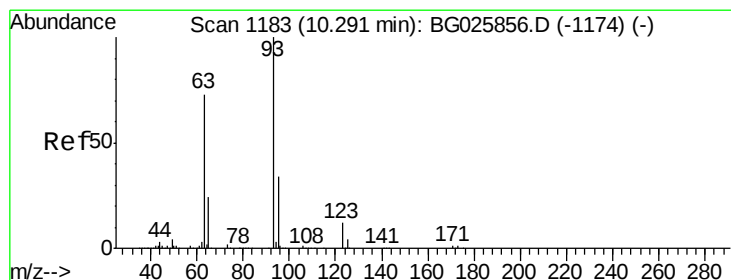
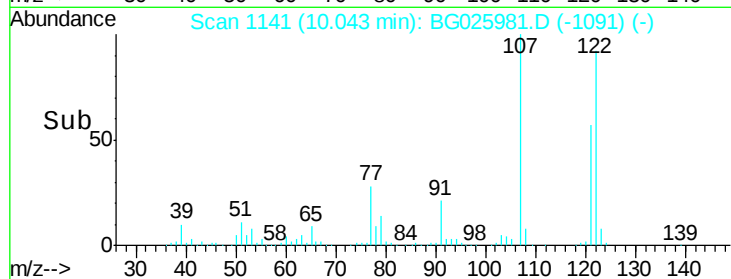
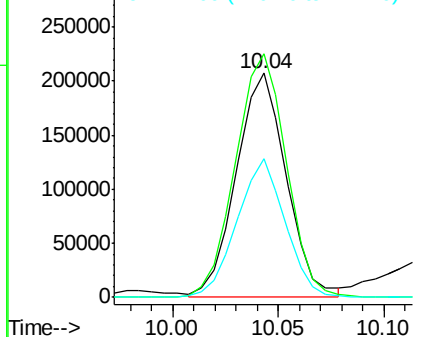


Abundance

Ion 122.00 (121.70 to 122.70): E

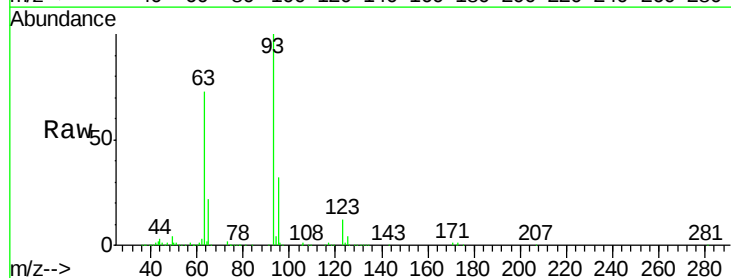
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.65 ng
RT: 10.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	12.5	8.3	12.5

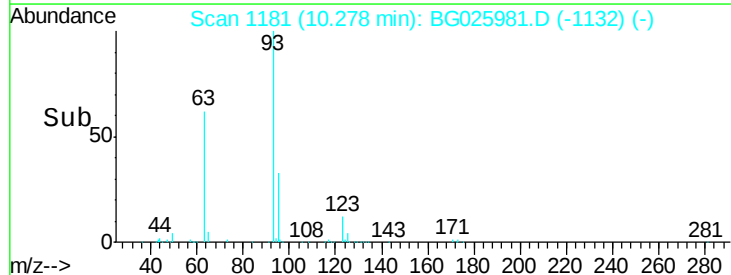
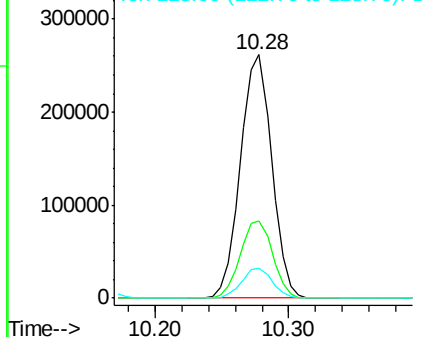


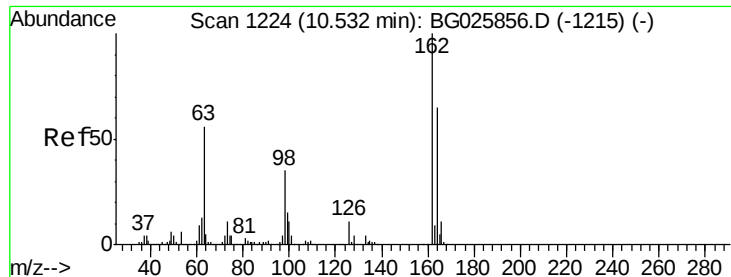
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 53.72 ng

RT: 10.52 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

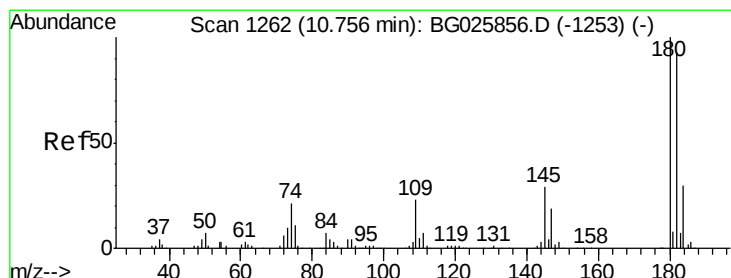
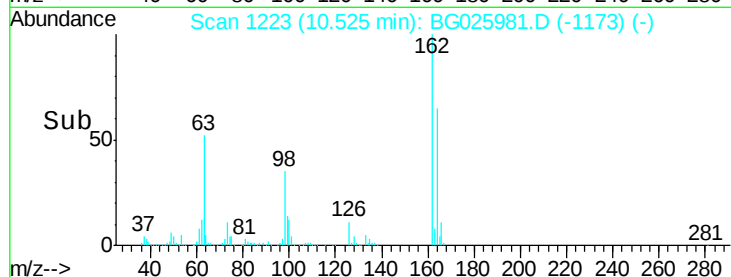
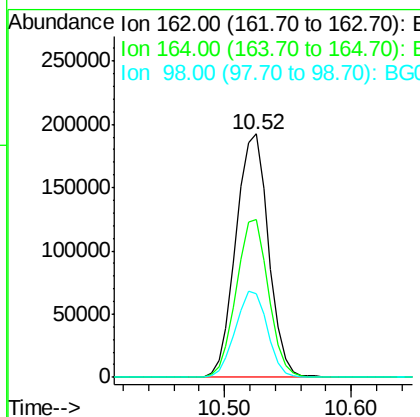
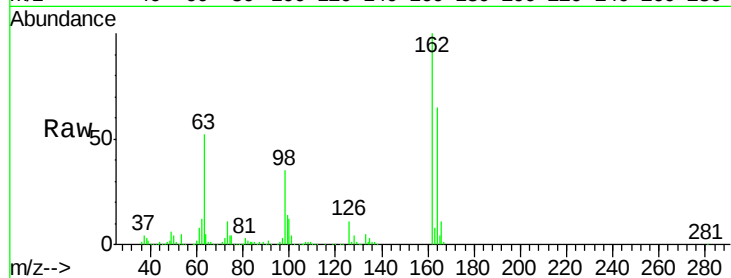
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:	162	Resp:	344347
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.4	82.4
98	34.6	20.3	60.3

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#30

1,2,4-Trichlorobenzene

Concen: 43.24 ng

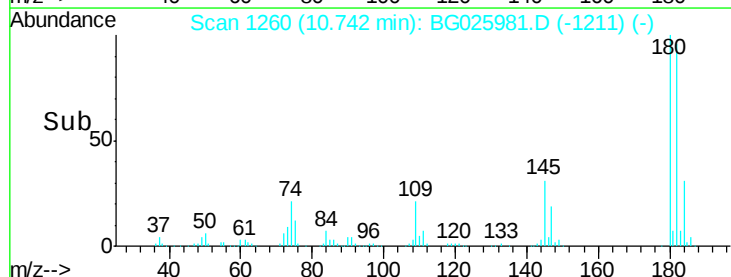
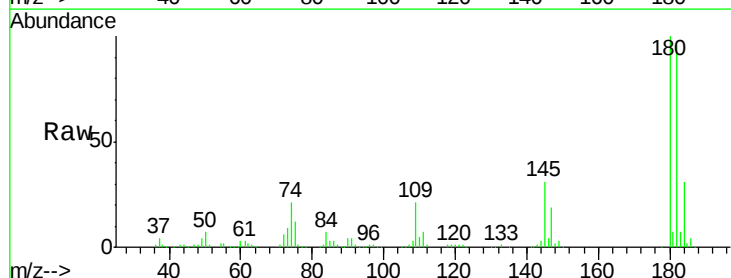
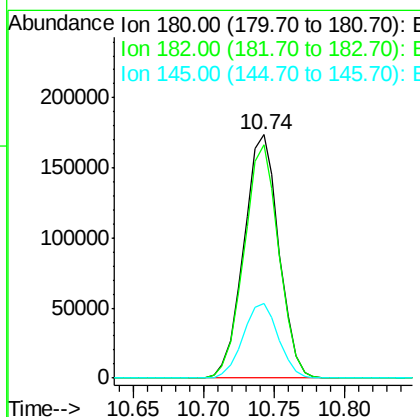
RT: 10.74 min Scan# 1260

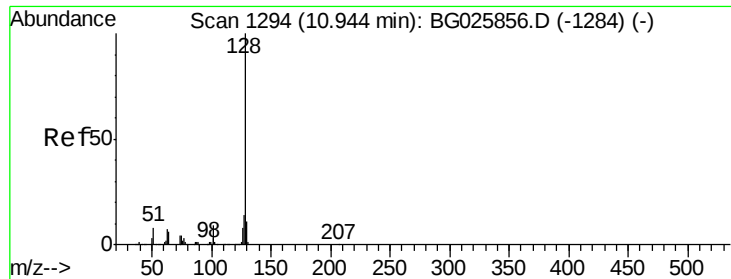
Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion:	180	Resp:	301408
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.0	115.4
145	30.7	23.4	35.0





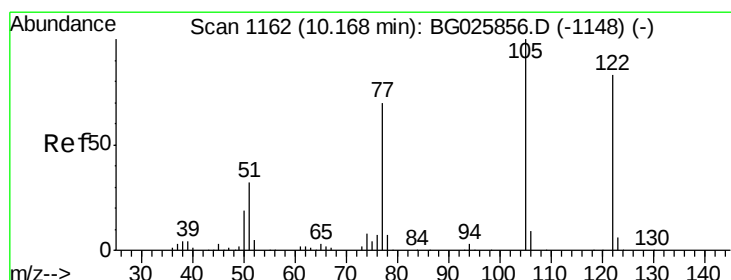
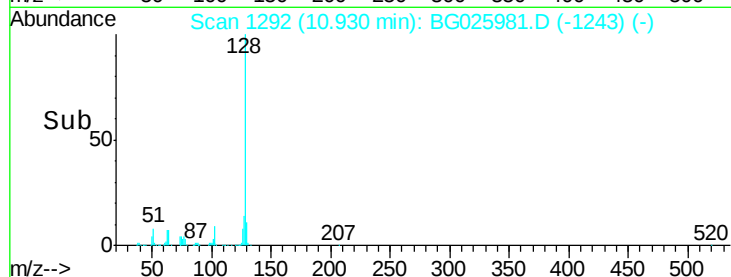
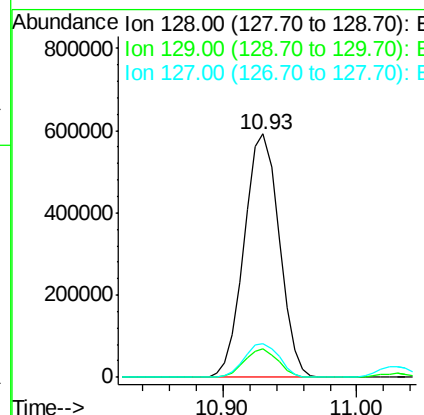
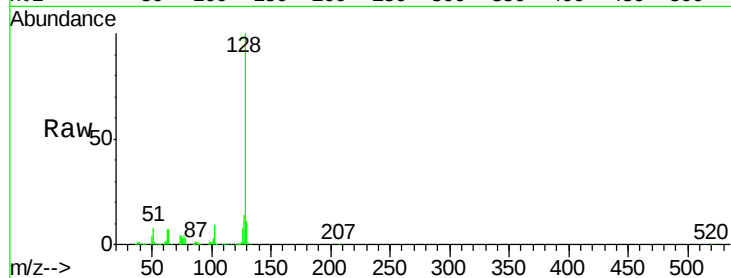
#31
Naphthalene
Concen: 46.28 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.9	11.4	17.0

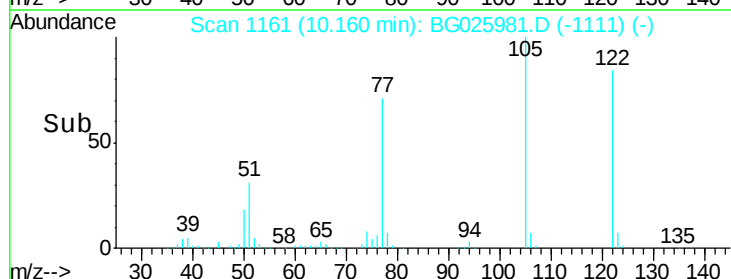
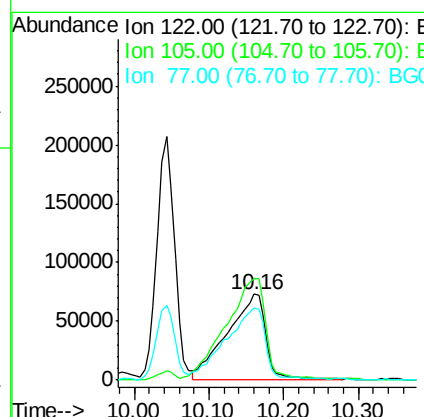
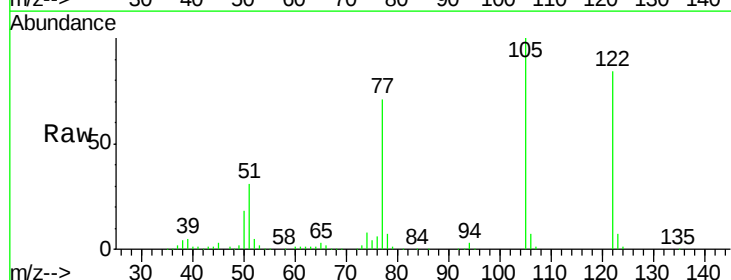
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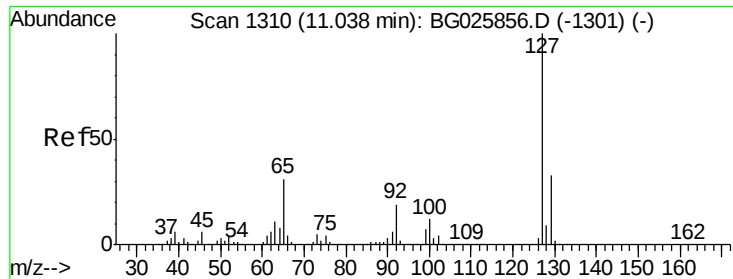
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#32
Benzoic acid
Concen: 51.74 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	120.1	160.1#
77	84.1	104.6	144.6#





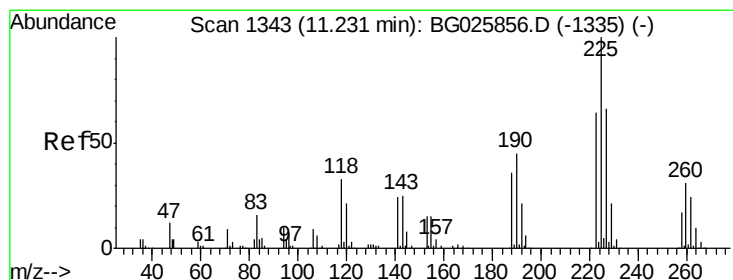
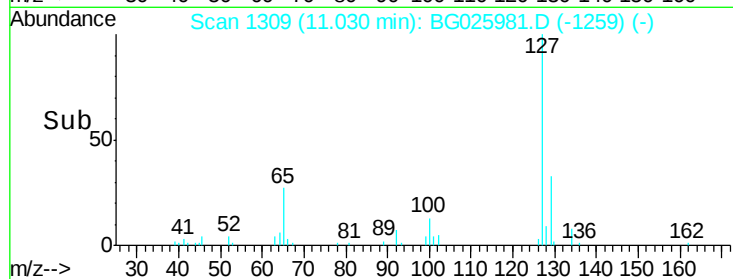
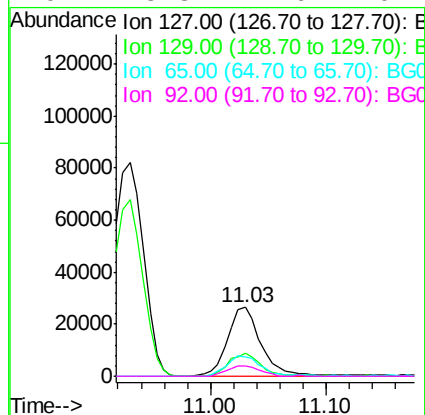
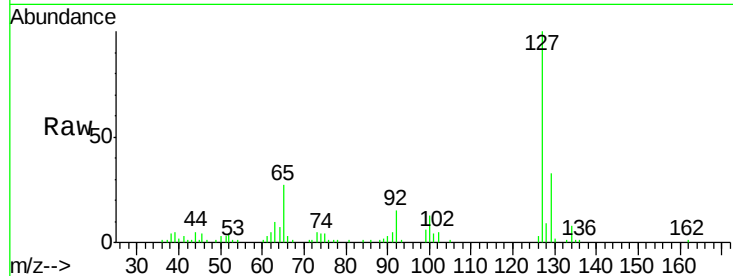
#33
4-Chloroaniline
Concen: 5.27 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	23.6	35.4
65	27.3	37.7	56.5#
92	15.3	17.6	26.4#

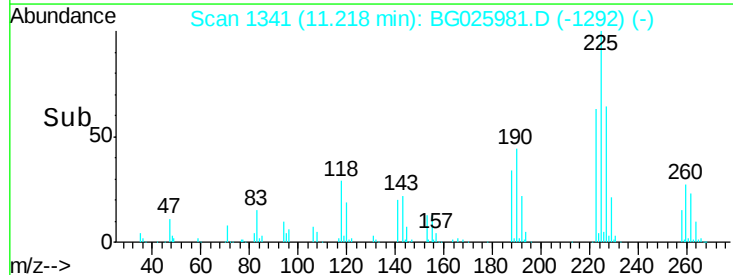
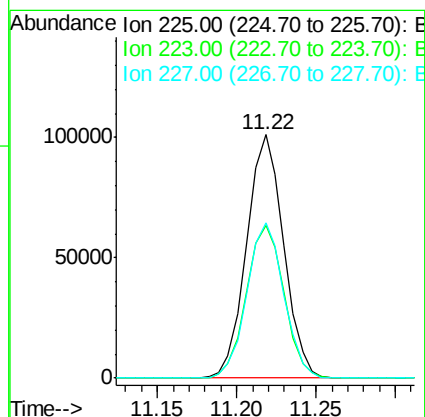
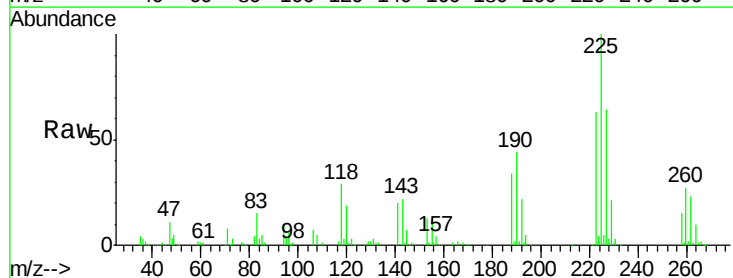
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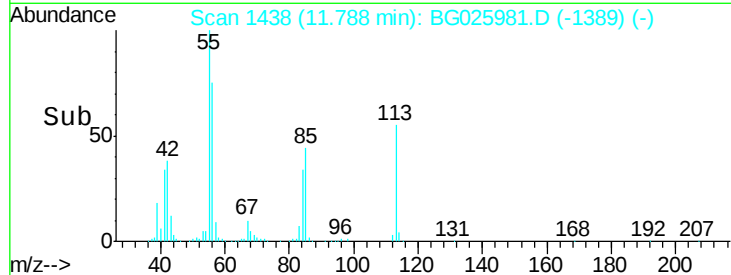
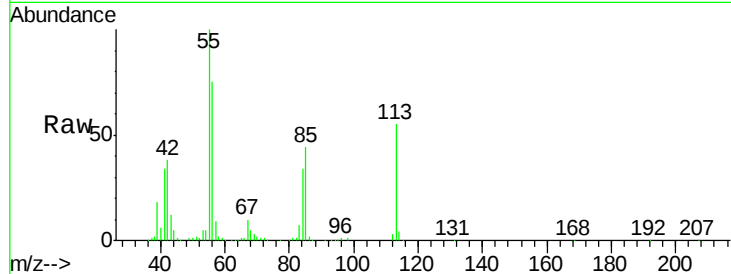
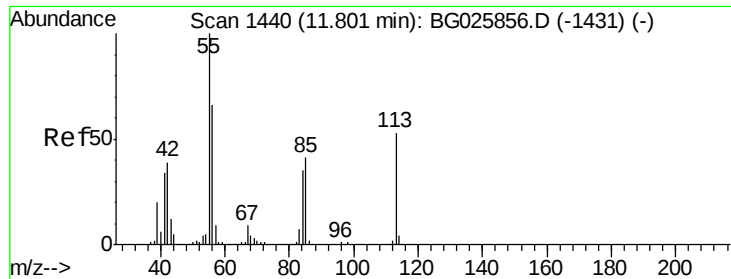
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#34
Hexachlorobutadiene
Concen: 41.39 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	63.8	49.0	73.6





#35

Caprolactam

Concen: 48.78 ng/mL

RT: 11.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

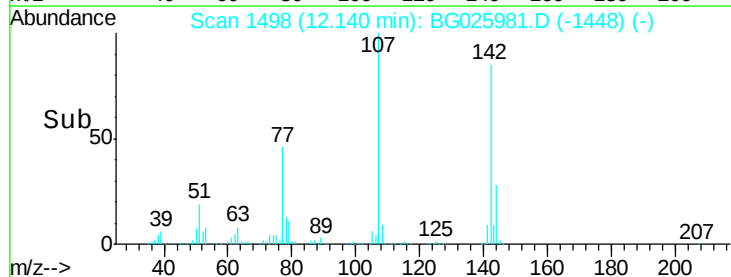
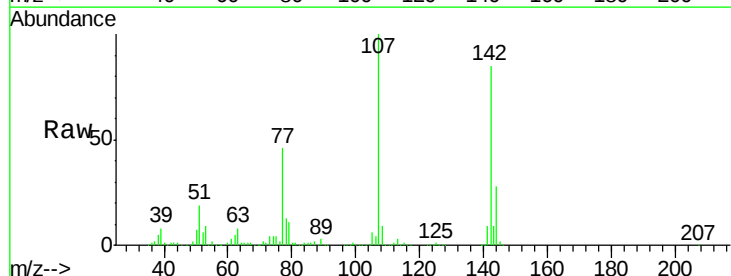
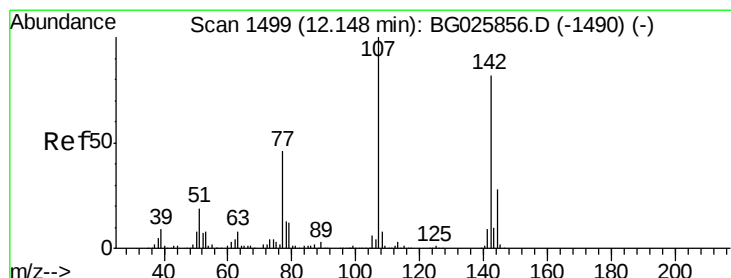
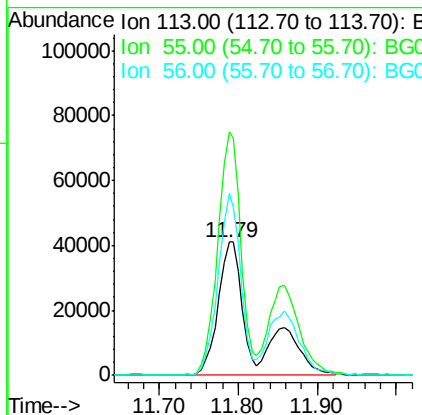
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	183.1	198.6	238.6#		
56	136.6	140.4	180.4#		

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#36

4-Chloro-3-methylphenol

Concen: 55.46 ng/mL

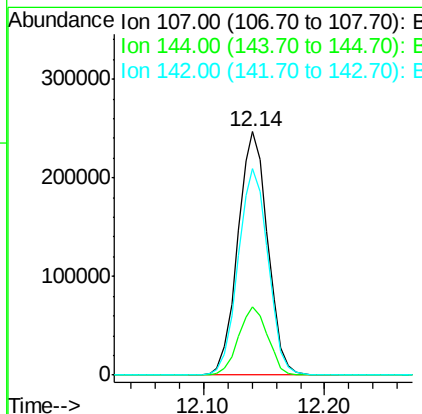
RT: 12.14 min Scan# 1498

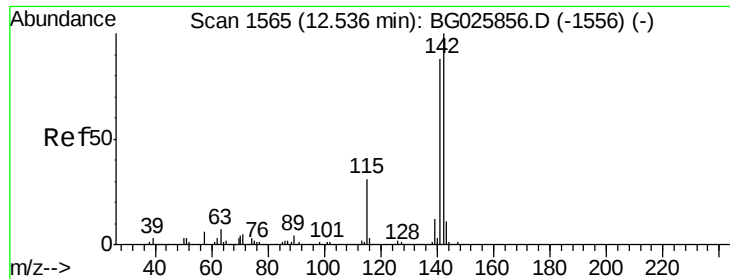
Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.0	17.4	26.0#		
142	84.8	54.1	81.1#		





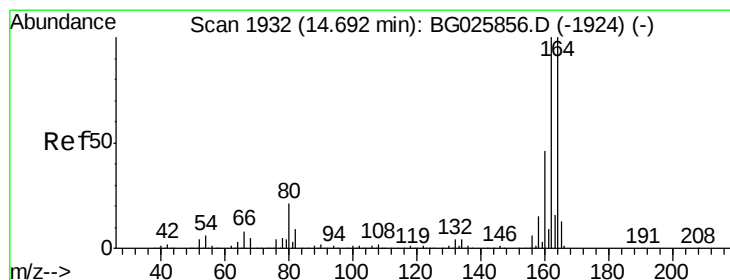
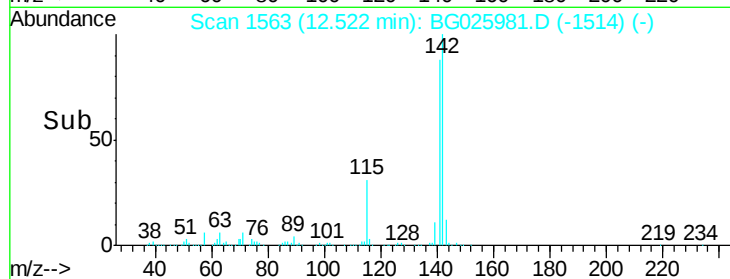
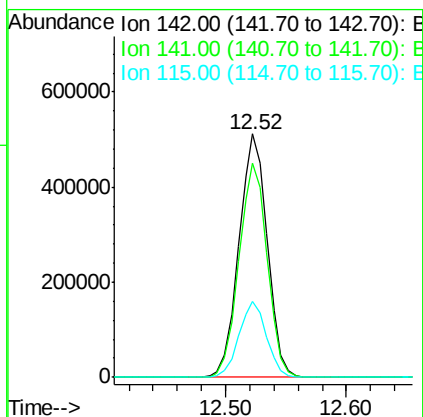
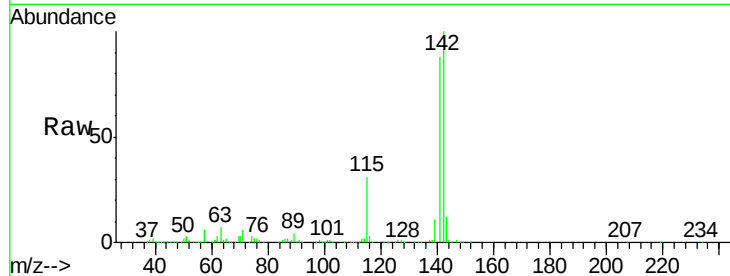
#37
2-Methylnaphthalene
Concen: 47.20 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	31.0	35.5	53.3

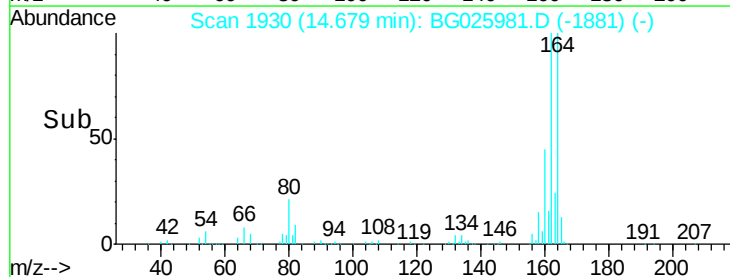
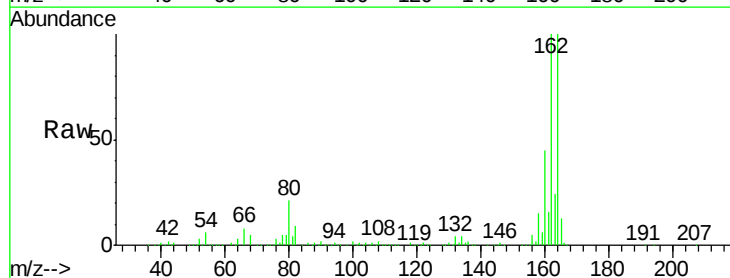
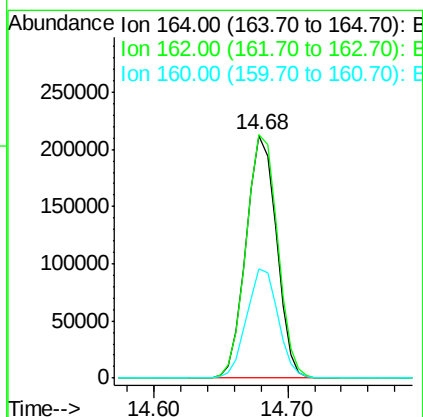
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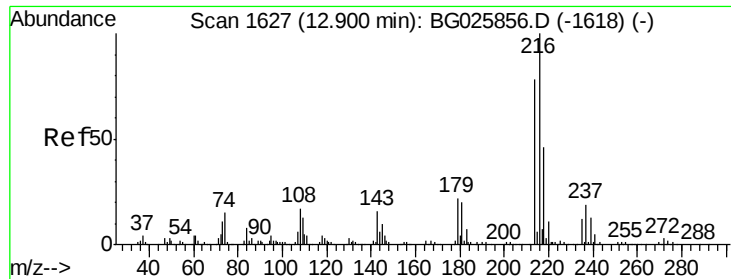
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	85.1	127.7
160	45.2	34.7	52.1





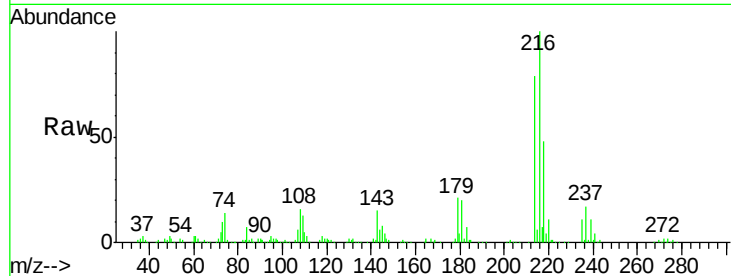
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.77 ng
 RT: 12.89 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

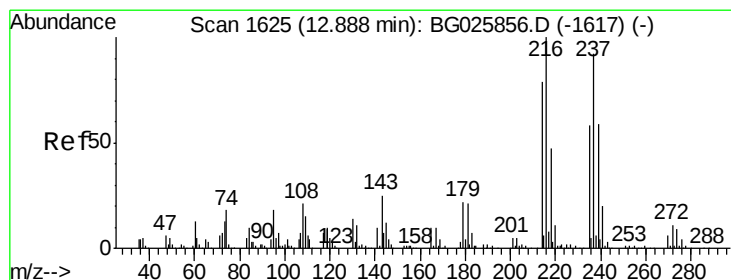
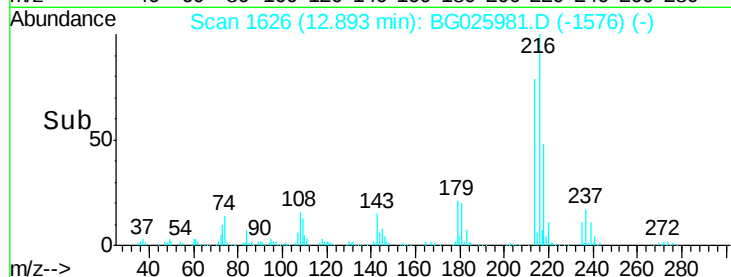
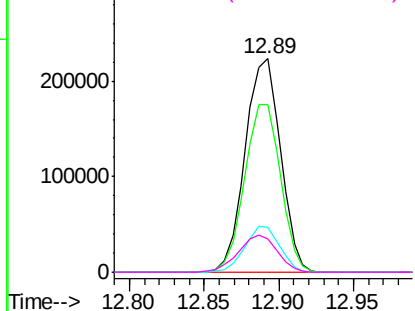
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.7	64.4	96.6		
179	21.3	17.4	26.0		
108	19.2	15.6	23.4		

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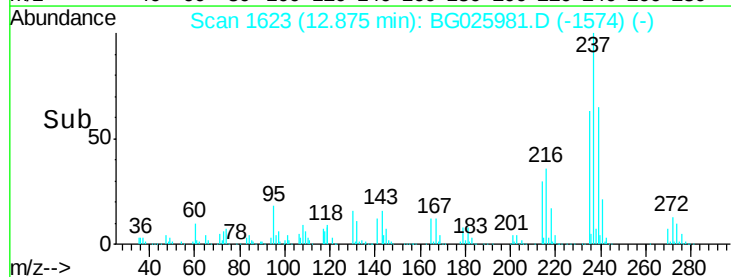
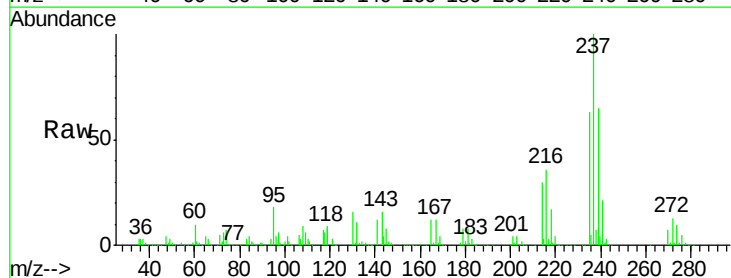
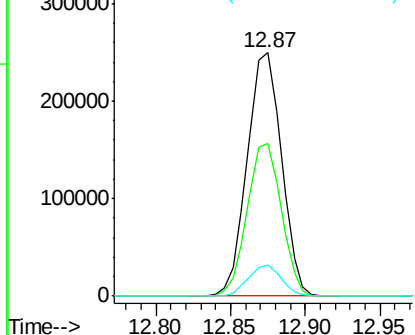
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

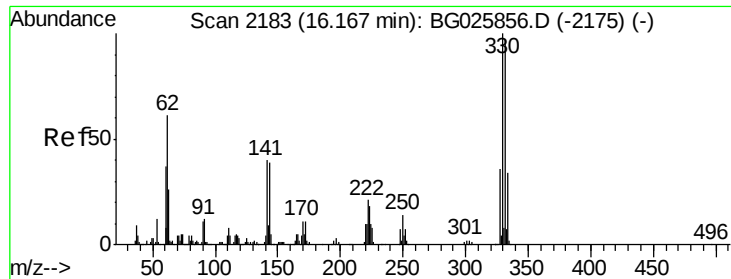


#40
 Hexachlorocyclopentadiene
 Concen: 86.85 ng
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.5	39.4	79.4		
272	12.9	0.0	32.0		

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





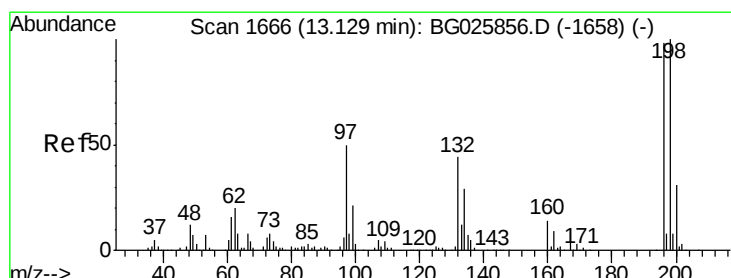
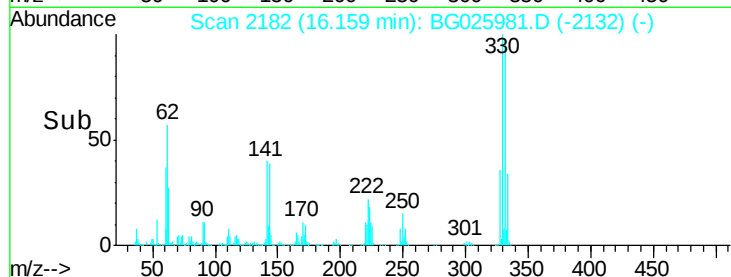
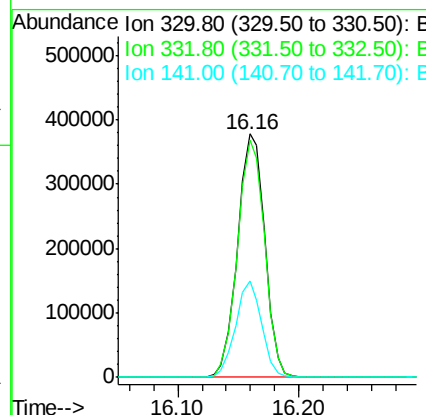
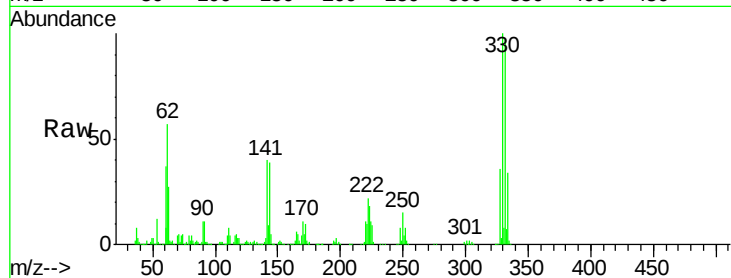
#41
 2,4,6-Tribromophenol
 Concen: 192.97 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.3	115.9	
141	38.0	32.1	48.1	

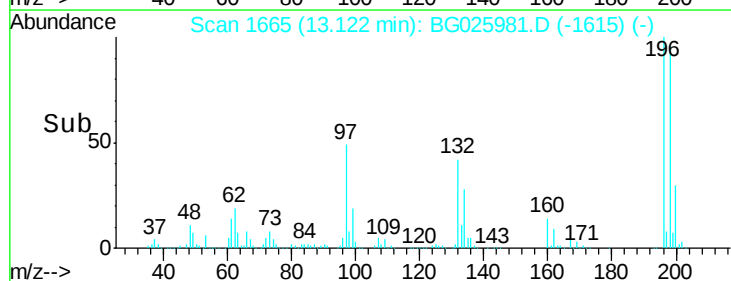
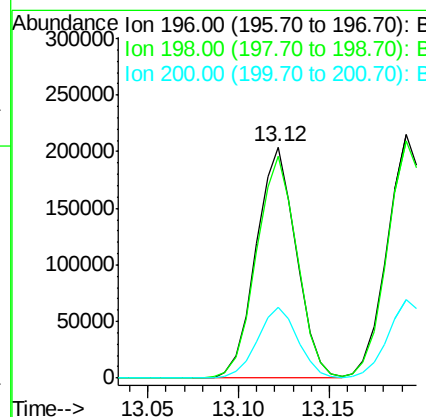
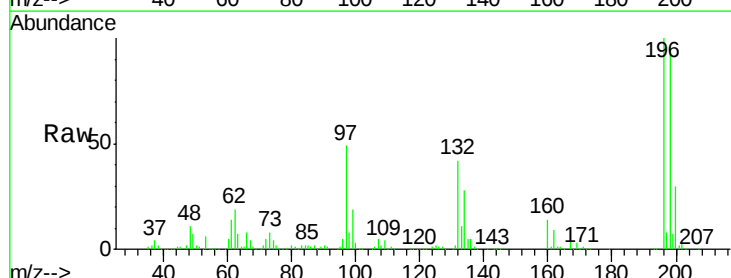
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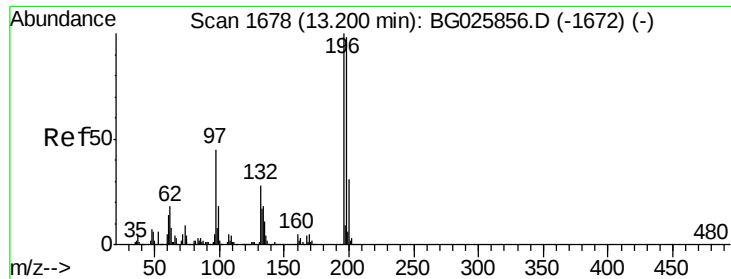
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#42
 2,4,6-Trichlorophenol
 Concen: 58.18 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	81.4	122.2	
200	30.4	27.0	40.6	





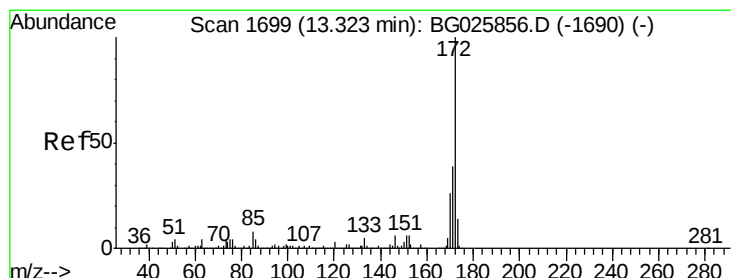
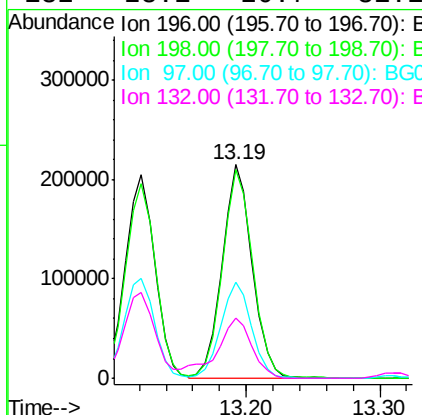
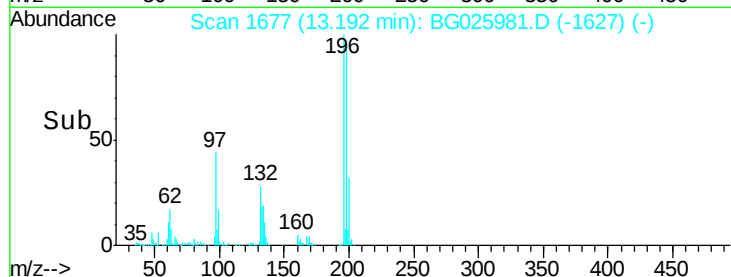
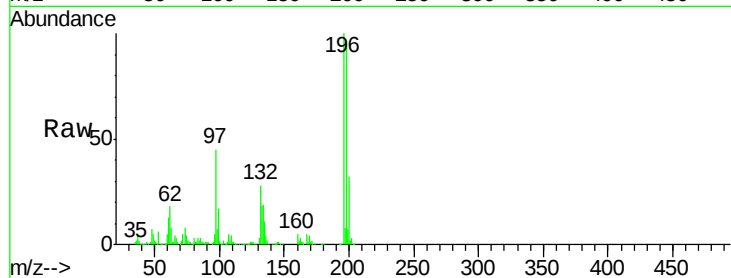
#43
 2,4,5-Trichlorophenol
 Concen: 55.10 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		337431		
198	97.4	79.9	119.9		
97	44.8	45.4	68.0		
132	28.1	20.7	31.1		

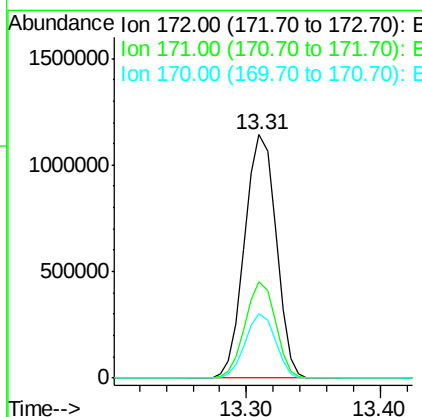
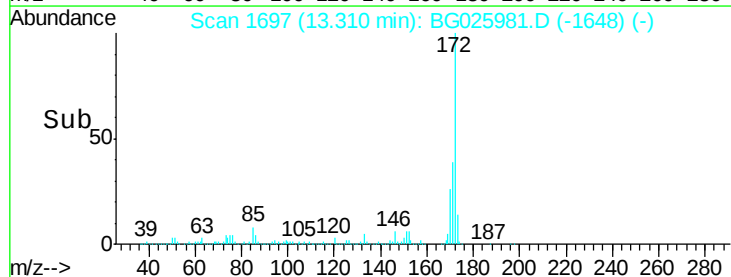
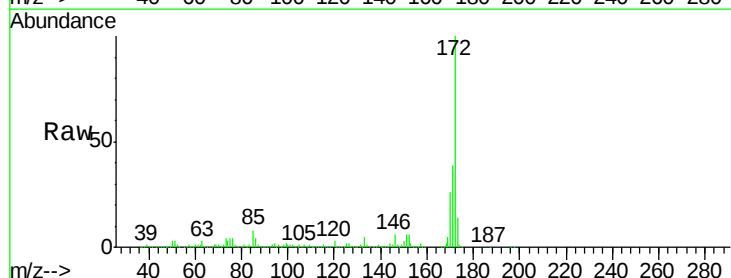
Manual Integrations
 APPROVED

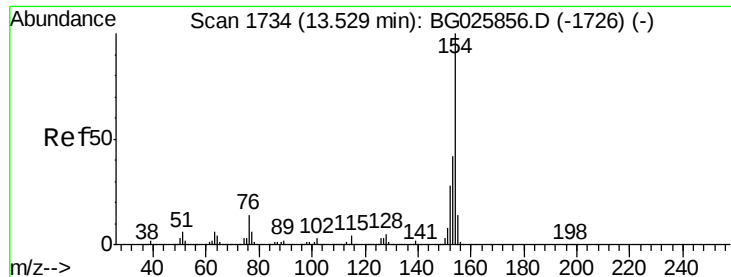
mohammad
 3/1/2017 12:37:50 PM



#44
 2-Fluorobiphenyl
 Concen: 97.43 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1858204		
171	39.5	32.2	48.2		
170	26.4	21.8	32.6		





#45

1,1'-Biphenyl

Concen: 46.57 ng

RT: 13.52 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:154 Resp: 1124792

Ion Ratio Lower Upper

154 100

153 42.7 23.0 63.0

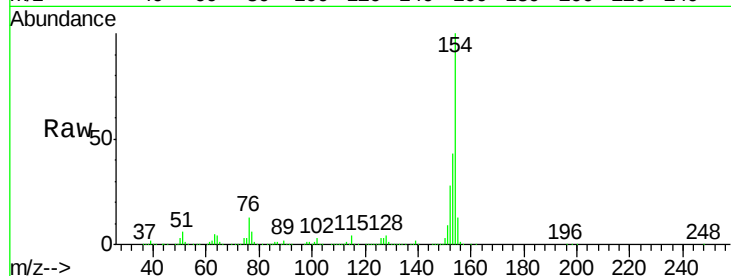
76 12.9 0.0 33.5

Manual Integrations

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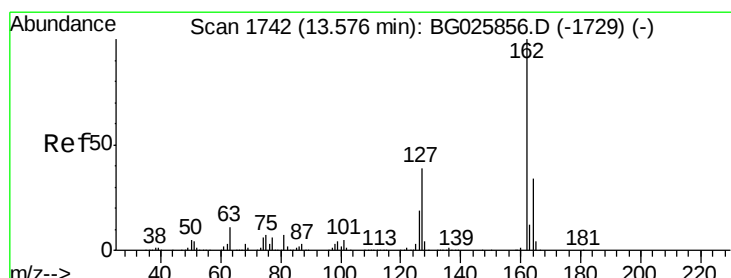
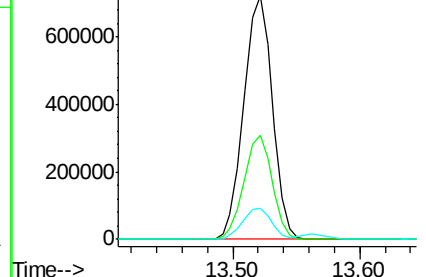
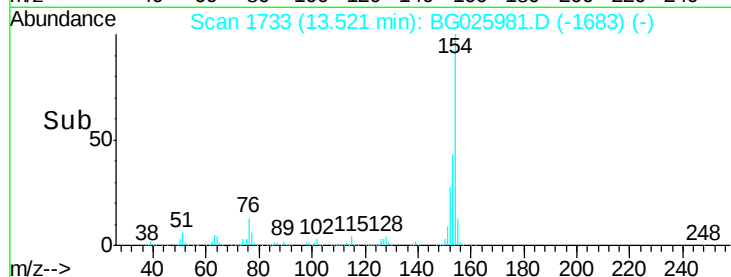
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 48.23 ng

RT: 13.56 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

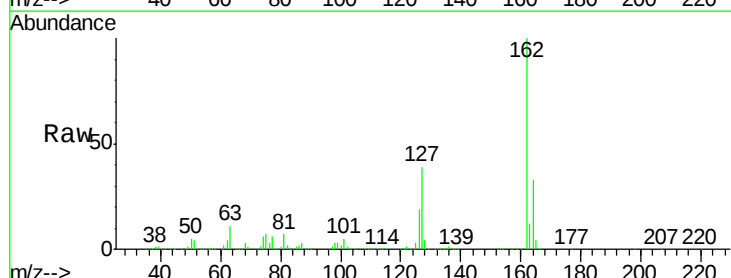
Tgt Ion:162 Resp: 842176

Ion Ratio Lower Upper

162 100

127 38.6 32.2 48.4

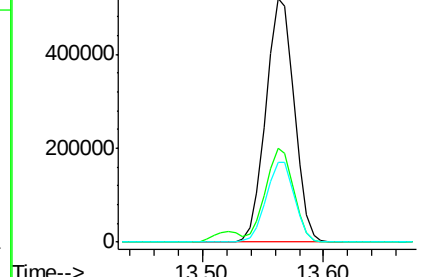
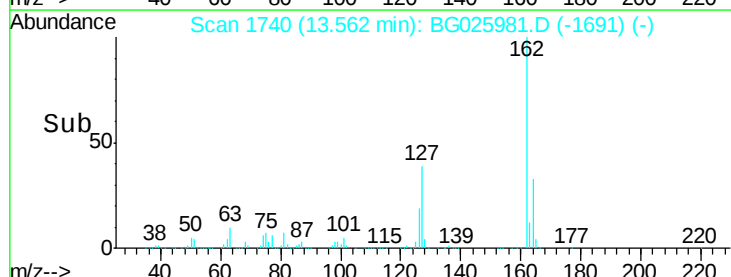
164 32.7 27.3 40.9

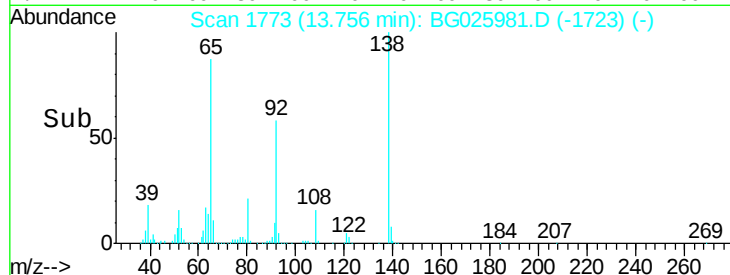
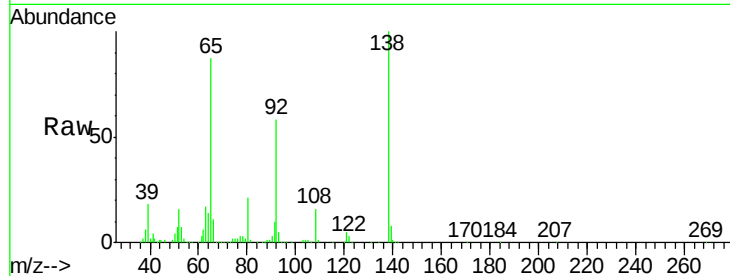
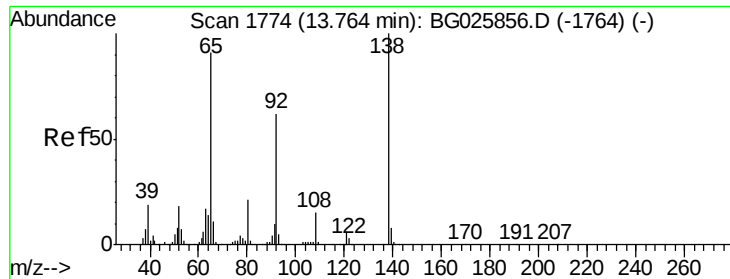


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





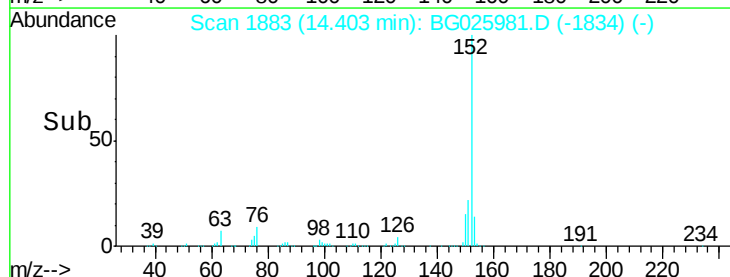
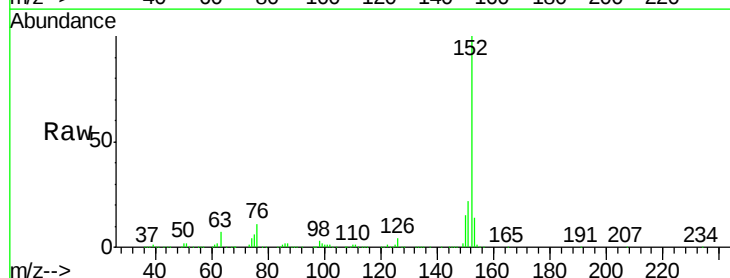
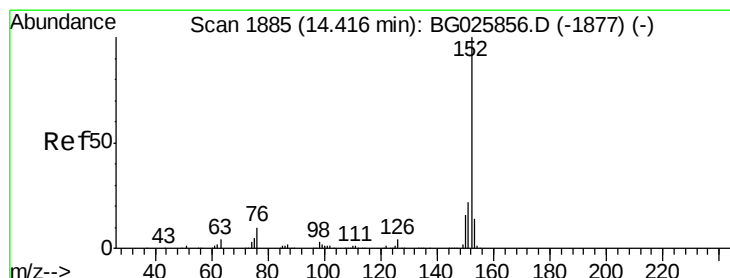
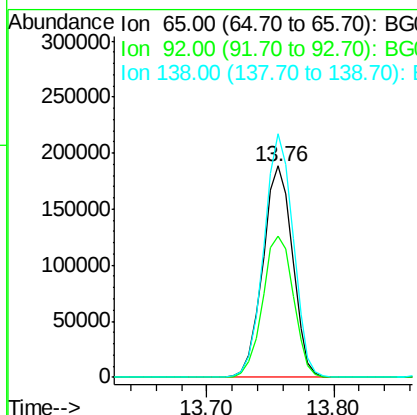
#47
2-Nitroaniline
Concen: 55.62 ng
RT: 13.76 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.0	49.0	73.4
138	115.1	58.6	87.8

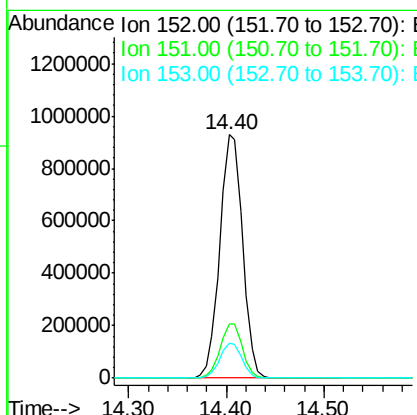
Manual Integrations
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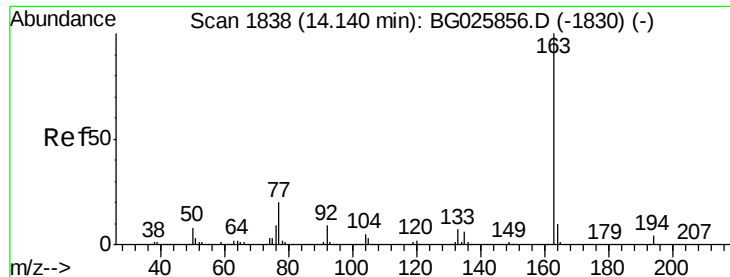
mohammad
3/1/2017 12:37:50 PM



#48
Acenaphthylene
Concen: 48.22 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.2	27.2
153	14.1	11.3	16.9





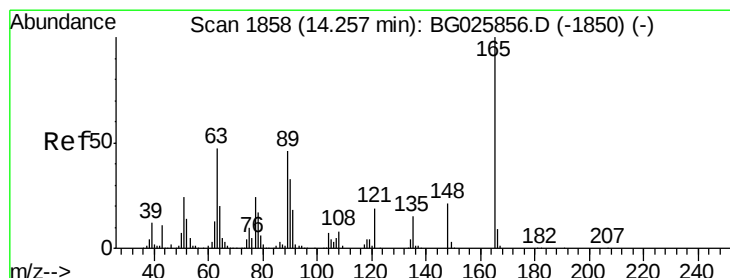
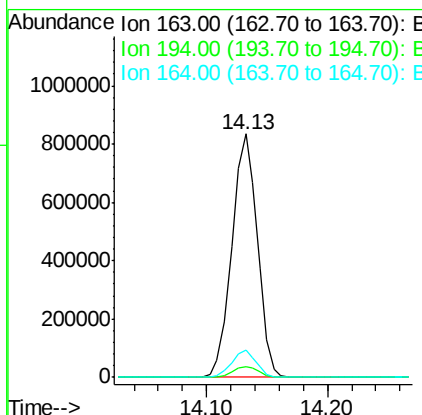
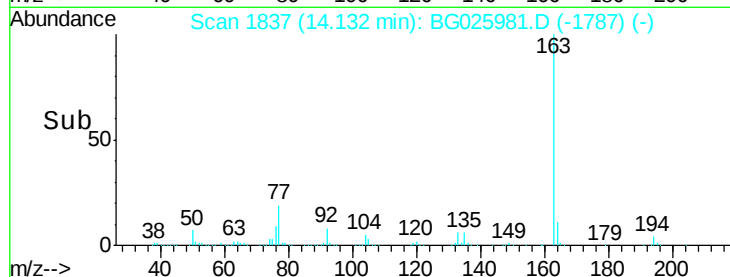
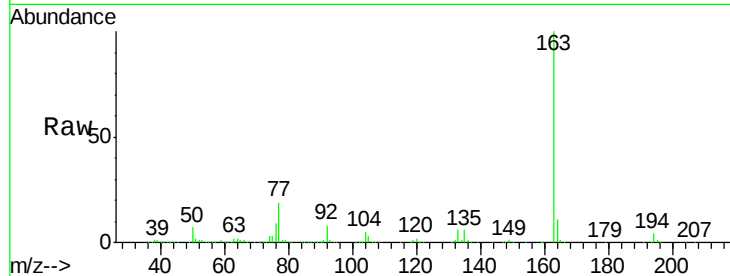
#49
Dimethylphthalate
Concen: 53.67 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion:163 Resp: 1227149
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 11.1 9.3 13.9

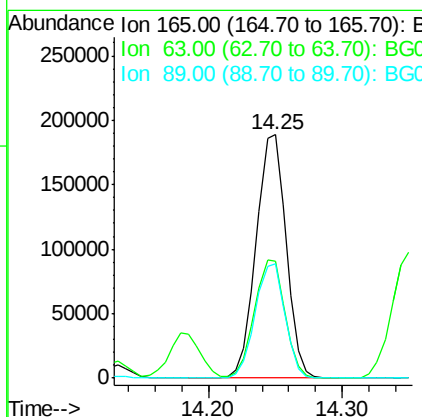
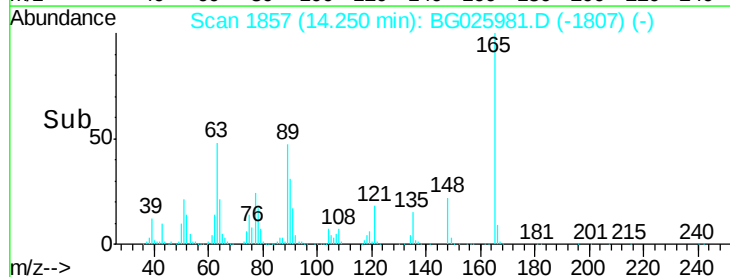
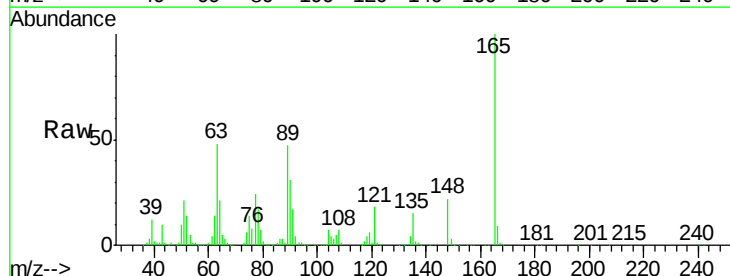
Manual Integrations
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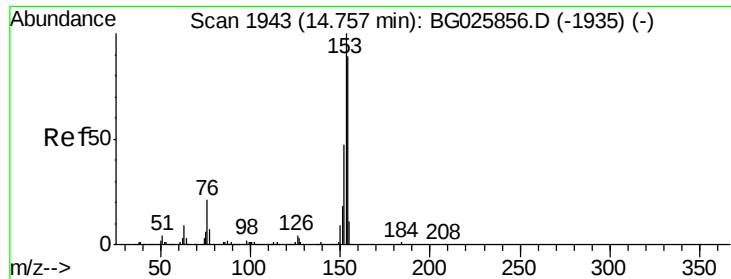
mohammad
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#50
2,6-Dinitrotoluene
Concen: 56.89 ng
RT: 14.25 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion:165 Resp: 292203
Ion Ratio Lower Upper
165 100
63 47.9 63.9 95.9#
89 47.0 58.6 88.0#





#51

Acenaphthene

Concen: 48.61 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

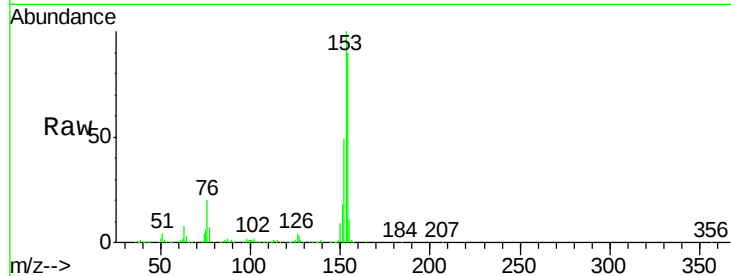
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

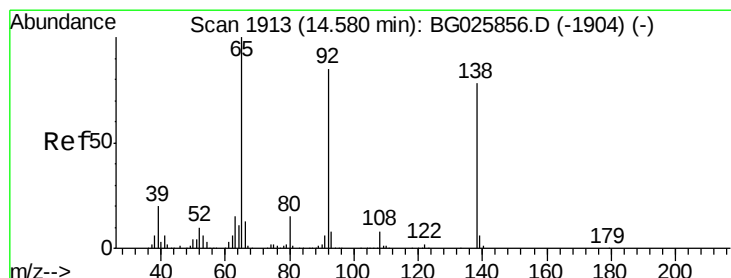
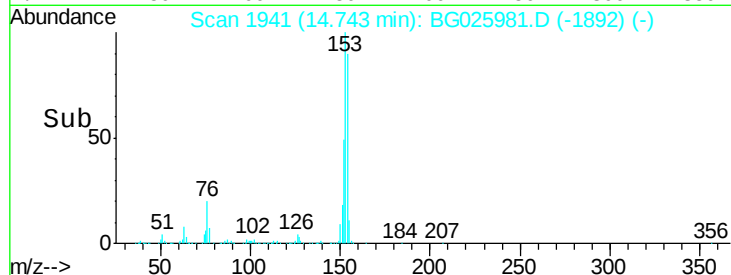
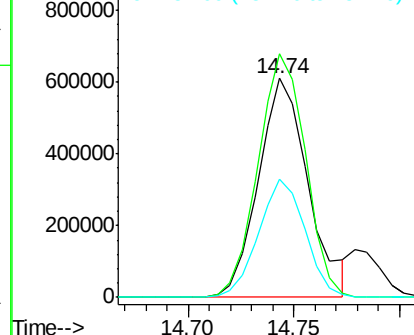
Tot Ion:	154	Resp:	998035
Ion Ratio	Lower	Upper	
154	100		
153	111.1	87.8	131.6
152	54.1	42.2	63.4

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



#52

3-Nitroaniline

Concen: 25.17 ng

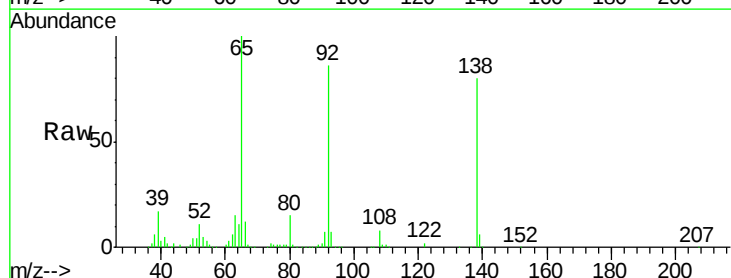
RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

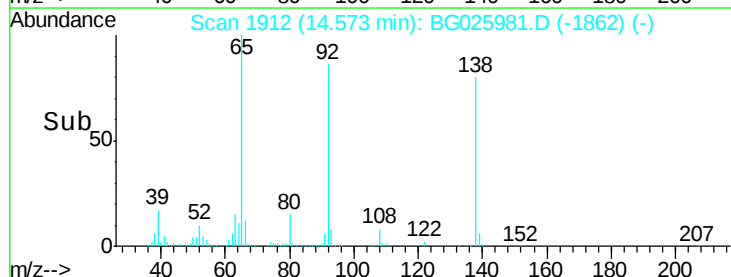
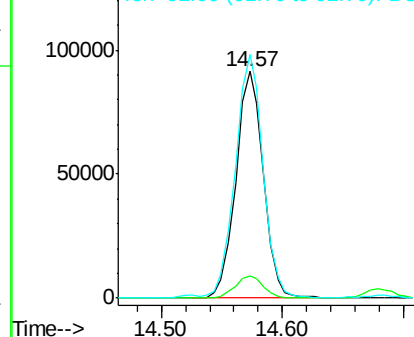
Lab File: BG025981.D

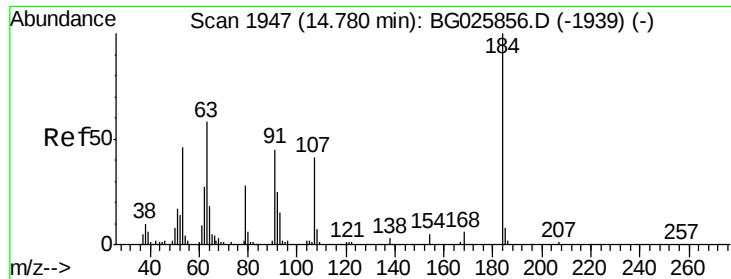
Acq: 28 Feb 2017 2:24

Tgt Ion:	138	Resp:	144624
Ion Ratio	Lower	Upper	
138	100		
108	9.8	10.9	16.3#
92	107.3	115.3	172.9#



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





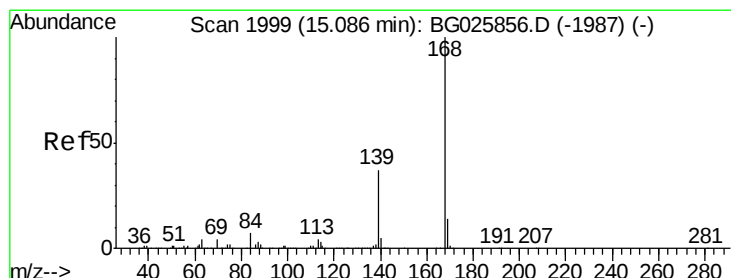
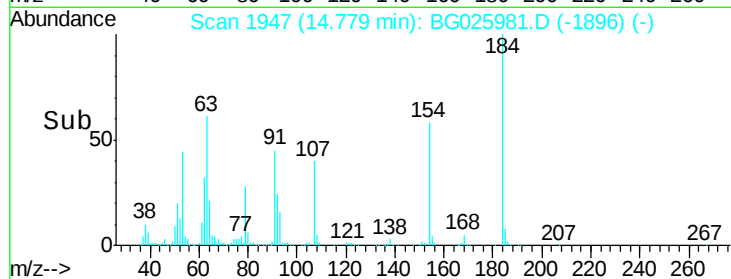
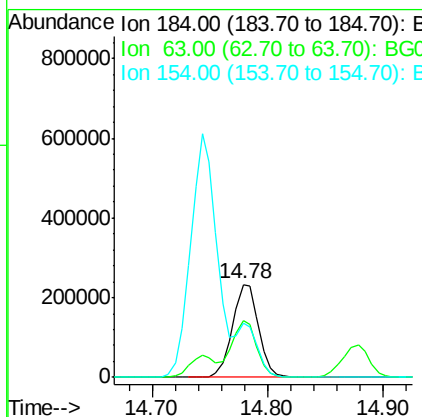
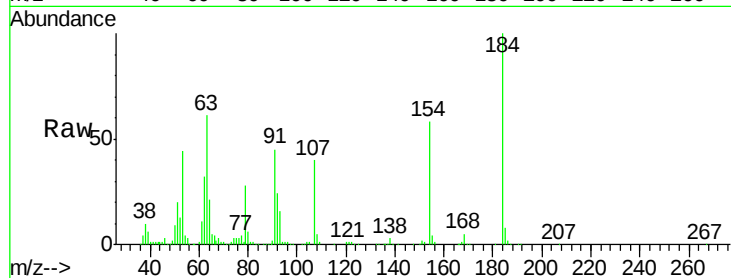
#53
2,4-Dinitrophenol
Concen: 135.90 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.2	52.7	79.1
154	57.8	57.3	85.9

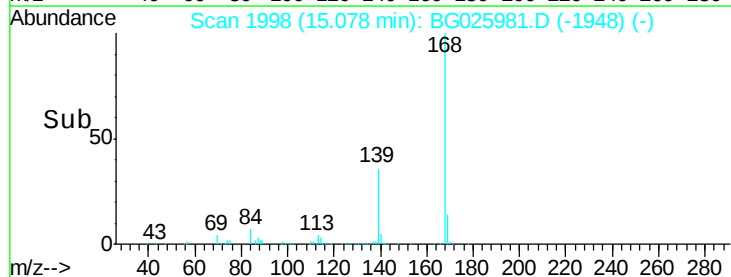
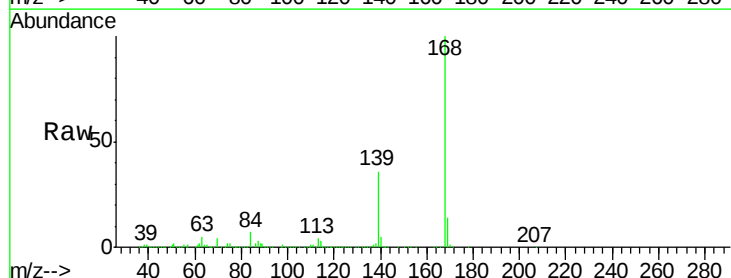
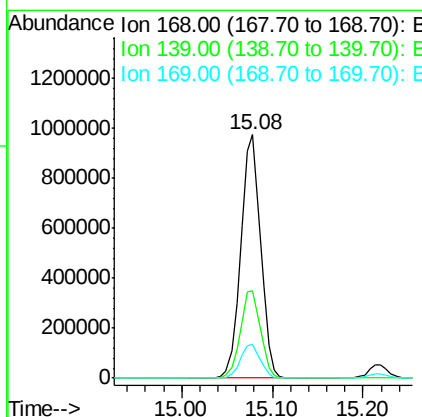
Manual Integrations
APPROVED

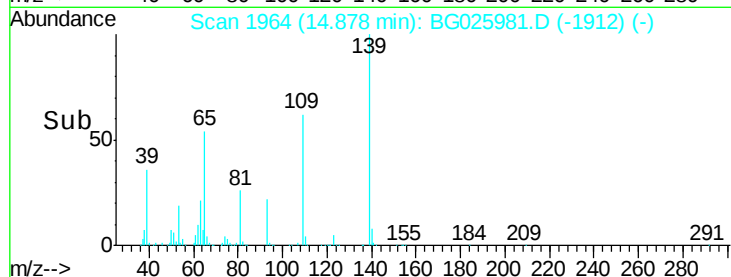
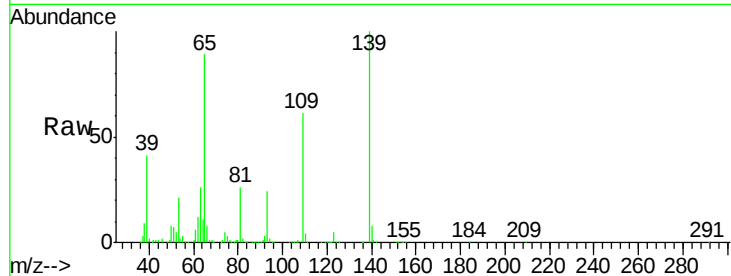
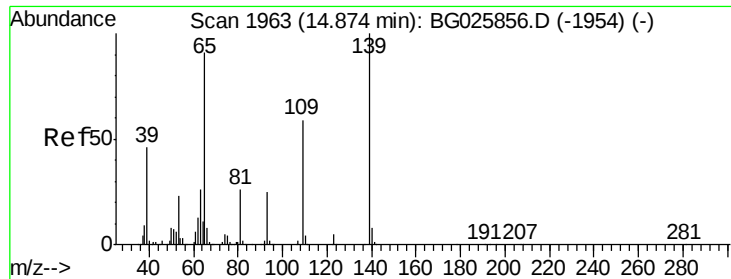
mohammad
3/1/2017 12:37:50 PM



#54
Dibenzofuran
Concen: 53.97 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

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





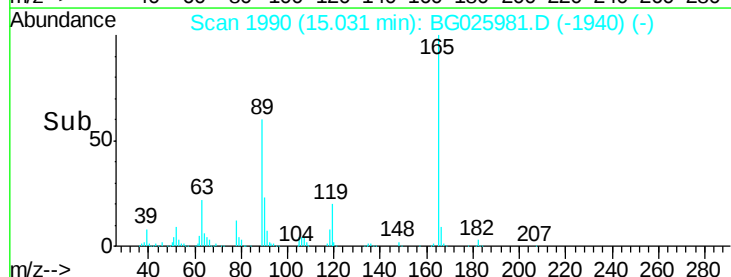
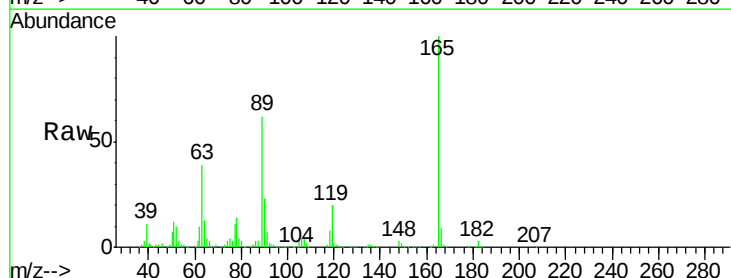
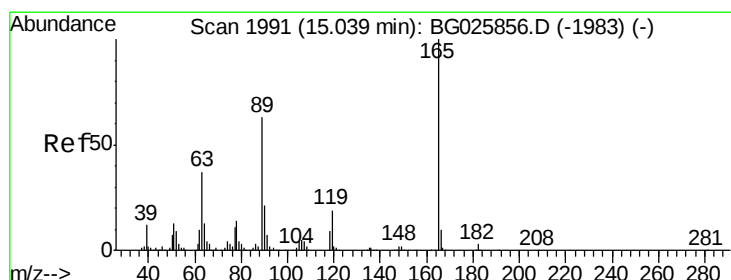
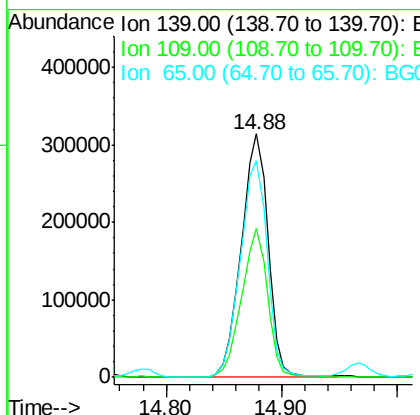
#55
4-Nitrophenol
Concen: 108.61 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.1	101.2	141.2#
65	88.9	135.3	175.3#

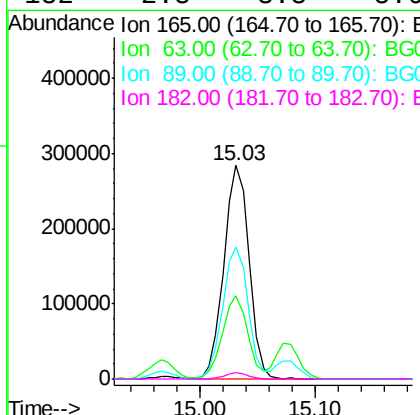
Manual Integrations
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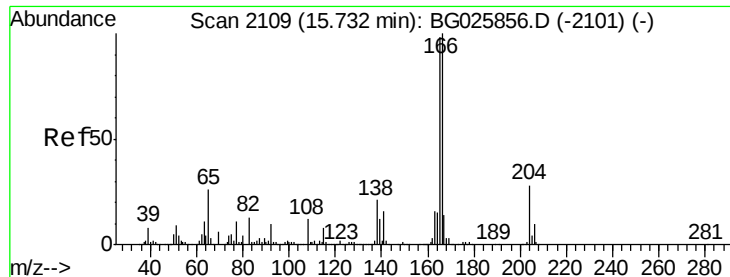
mohammad
3/1/2017 12:37:50 PM



#56
2,4-Dinitrotoluene
Concen: 61.96 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.9	44.0	66.0#
89	62.0	67.3	100.9#
182	2.8	3.8	5.6#





#57

Fluorene

Concen: 51.29 ng

RT: 15.72 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:166 Resp: 1254437

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

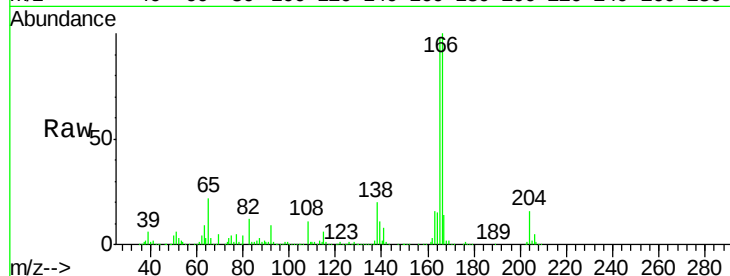
167 14.1 11.6 17.4

Manual Integrations

APPROVED

mohammad

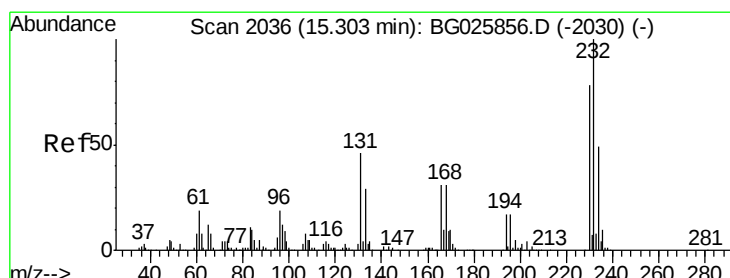
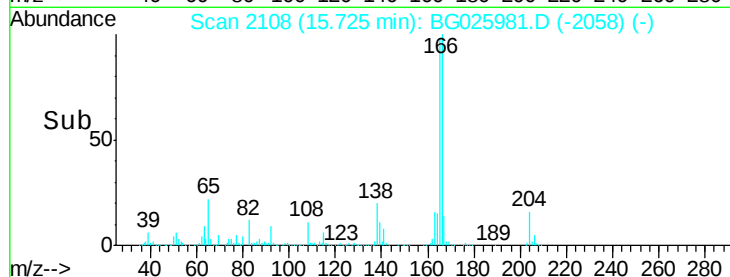
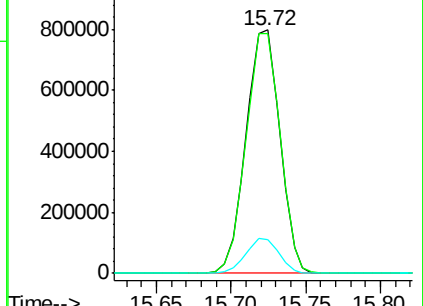
3/1/2017 12:37:50 PM



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: 62.88 ng

RT: 15.30 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion:232 Resp: 339732

Ion Ratio Lower Upper

232 100

131 45.4 34.9 52.3

130 2.4 2.3 3.5

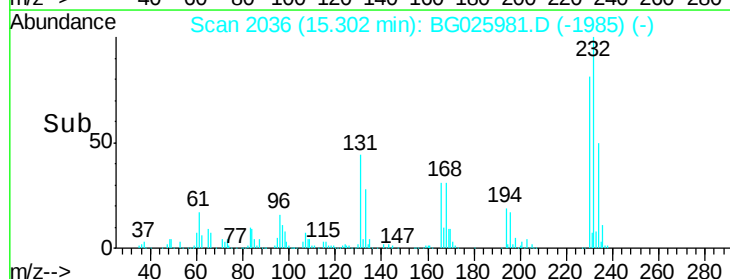
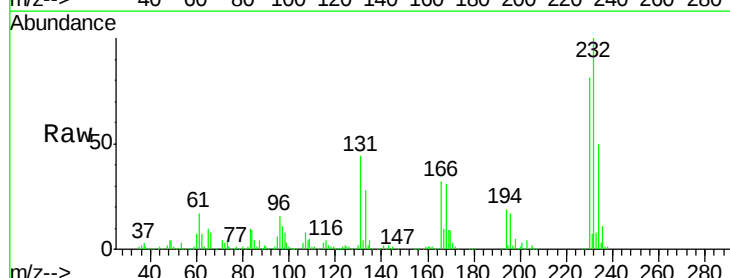
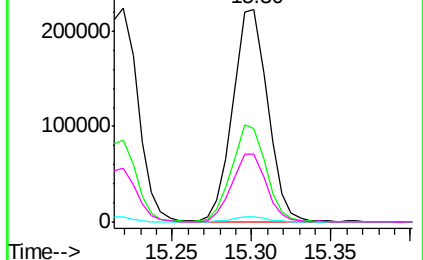
166 32.0 24.2 36.4

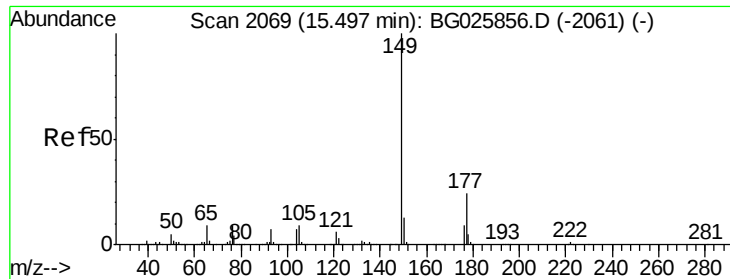
Abundance Ion 232.00 (231.70 to 232.70): E

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





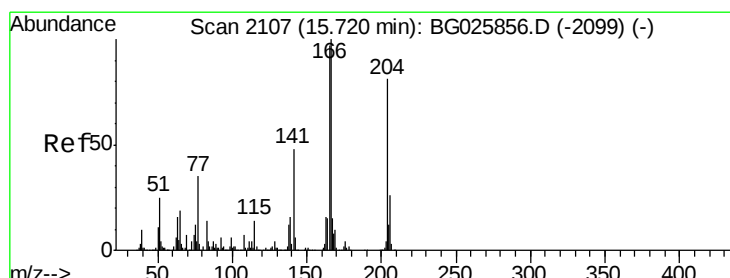
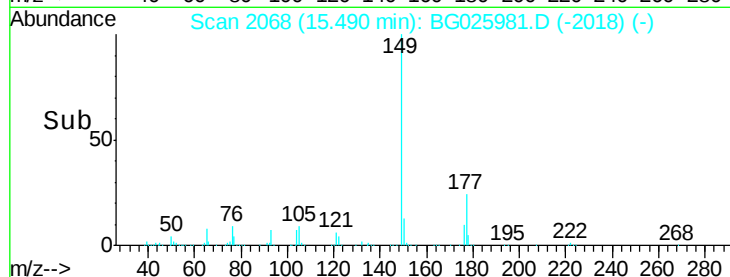
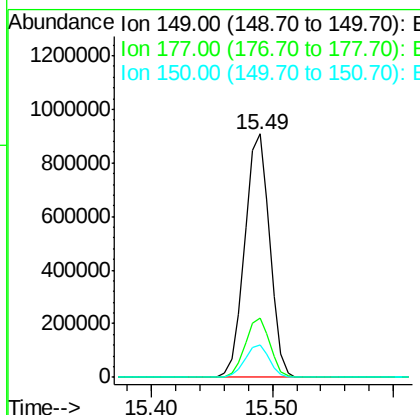
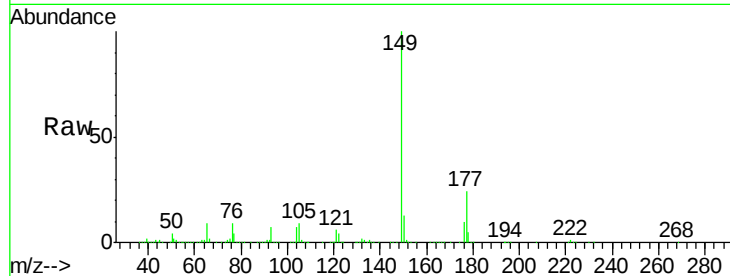
#59
Diethylphthalate
Concen: 55.35 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.1	30.1
150	13.4	10.2	15.2

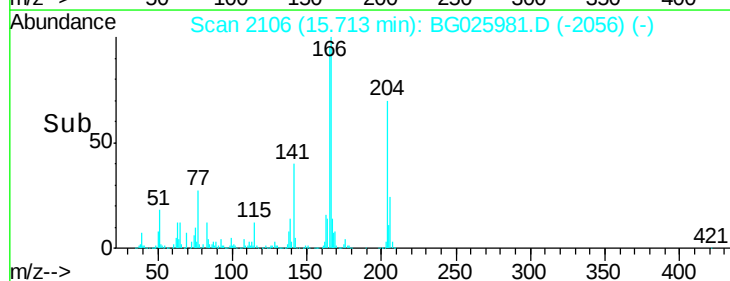
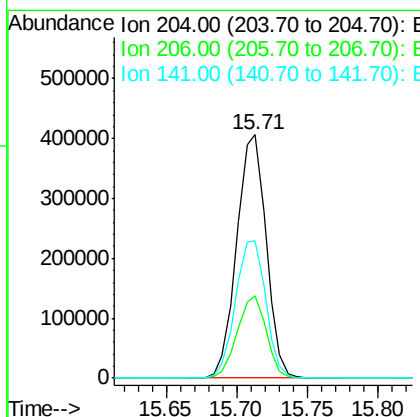
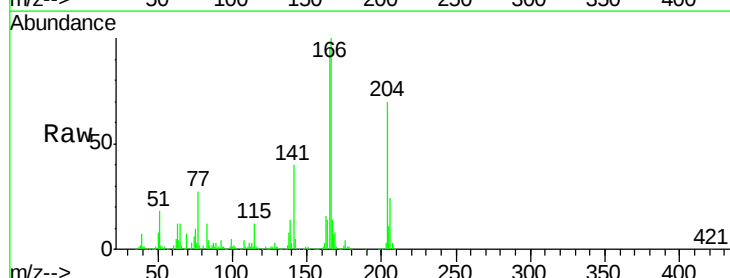
Manual Integrations
APPROVED

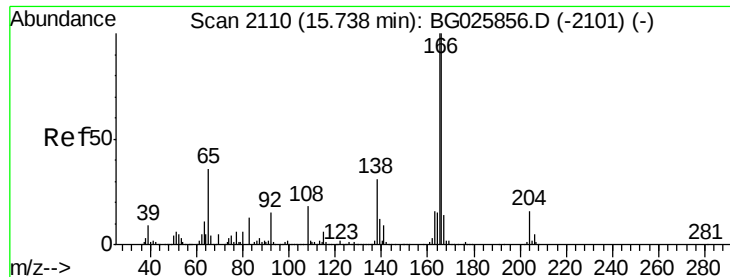
mohammad
3/1/2017 12:37:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 52.31 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	30.1	45.1
141	56.6	50.6	76.0





#61

4-Nitroaniline

Concen: 56.50 ng

RT: 15.73 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:138 Resp: 336478

Ion Ratio Lower Upper

138 100

92 47.3 44.2 84.2

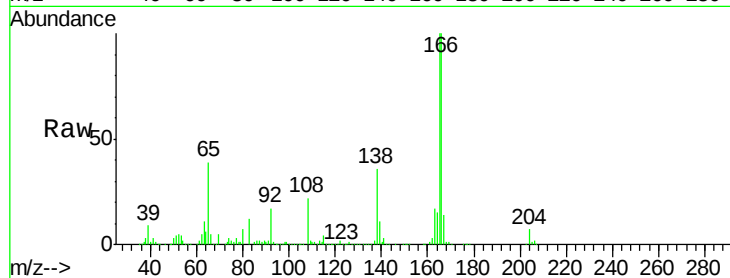
108 61.1 104.8 144.8#

Manual Integrations

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mohammad

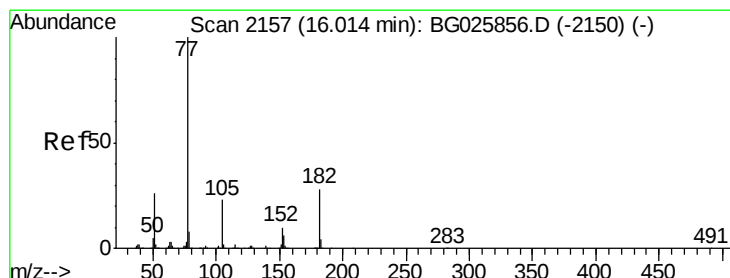
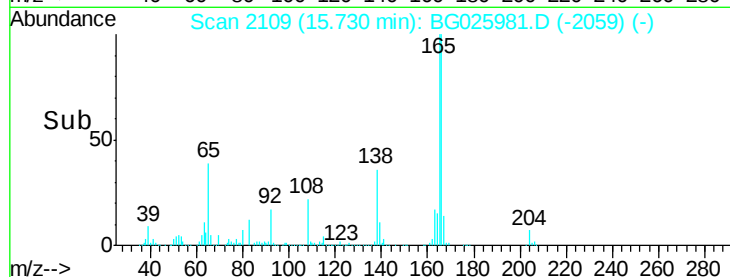
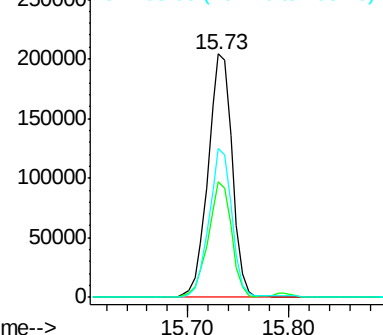
3/1/2017 12:37:50 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 57.22 ng

RT: 16.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Tgt Ion: 77 Resp: 1163254

Ion Ratio Lower Upper

77 100

182 29.9 4.7 44.7

105 23.3 0.0 36.3

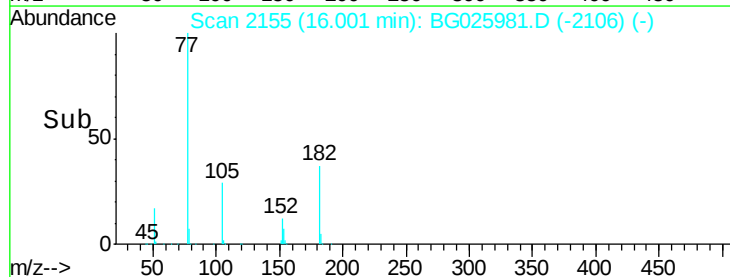
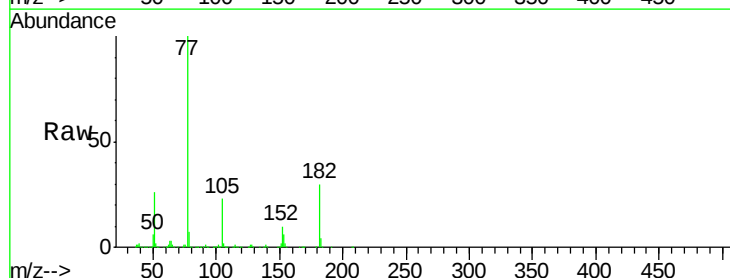
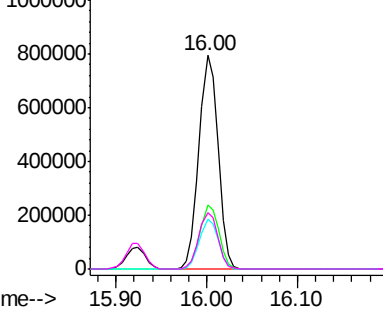
51 26.3 16.4 56.4

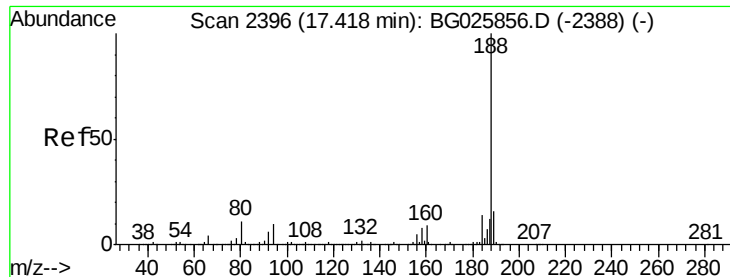
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

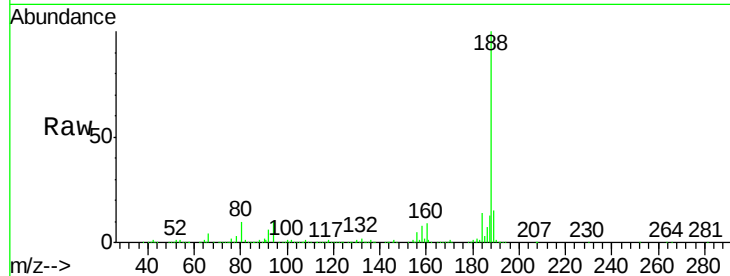
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:188	Resp: 863814
Ion Ratio	Lower Upper
188 100	
94 9.6	5.8 8.8#
80 10.3	7.5 11.3

Manual Integrations
APPROVED

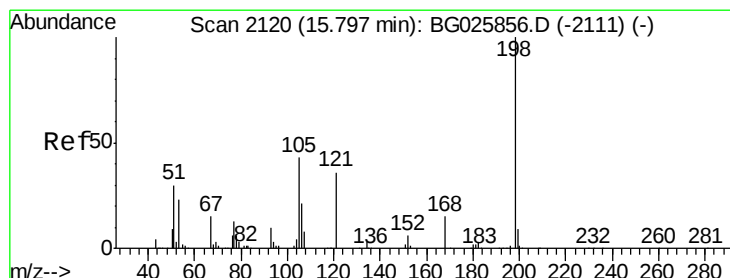
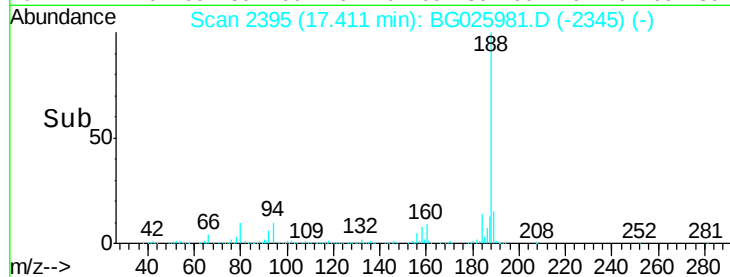
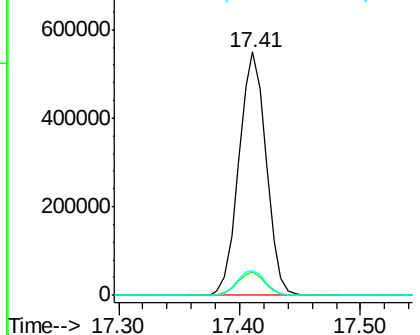
mohammad
3/1/2017 12:37:50 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 50.96 ng

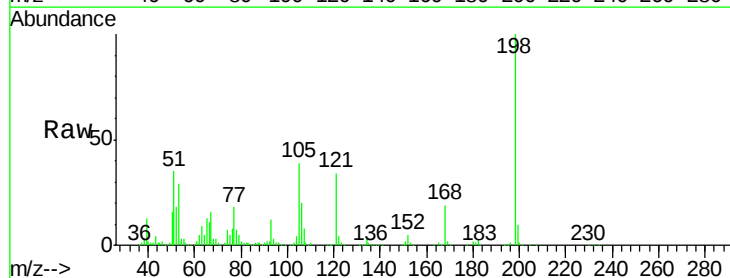
RT: 15.80 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

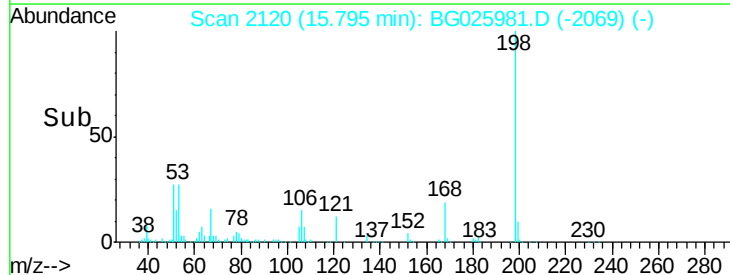
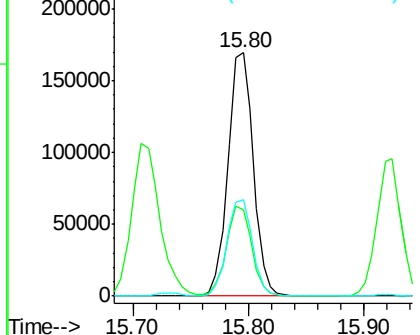
Tgt Ion:198	Resp: 257585
Ion Ratio	Lower Upper
198 100	
51 35.5	22.6 62.6
105 39.4	14.4 54.4

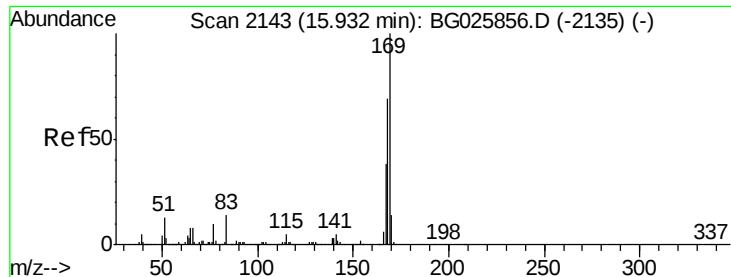


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





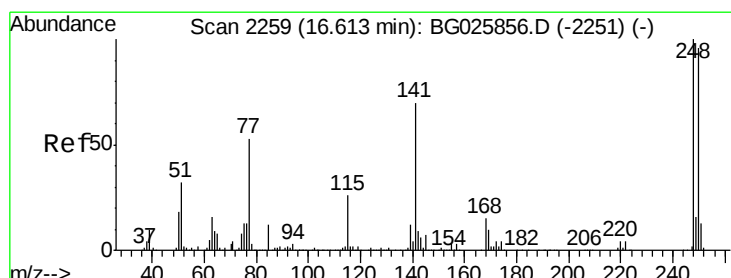
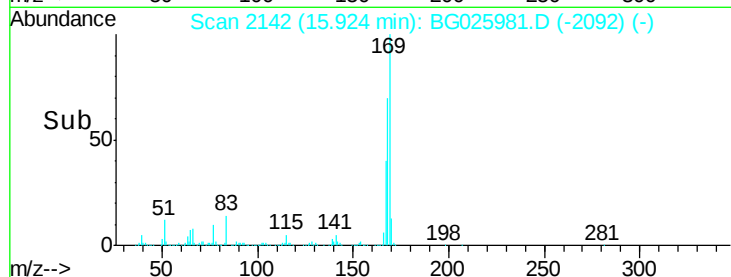
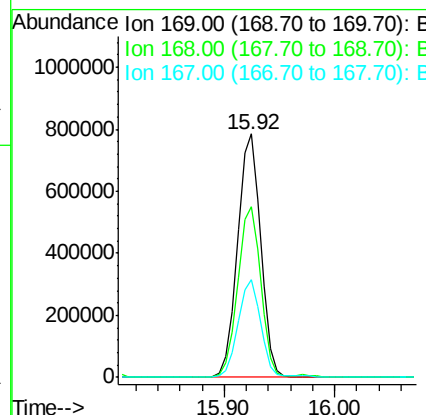
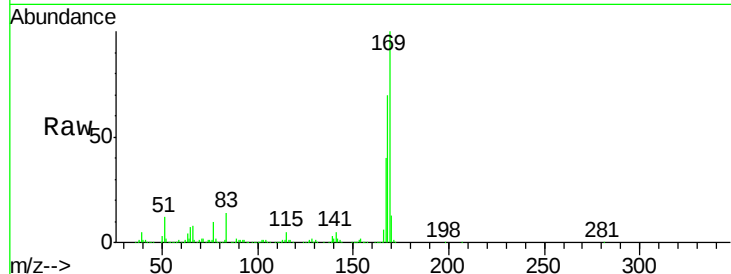
#65
n-Nitrosodiphenylamine
Concen: 44.01 ng
RT: 15.92 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.0	55.7	83.5
167	39.9	29.8	44.6

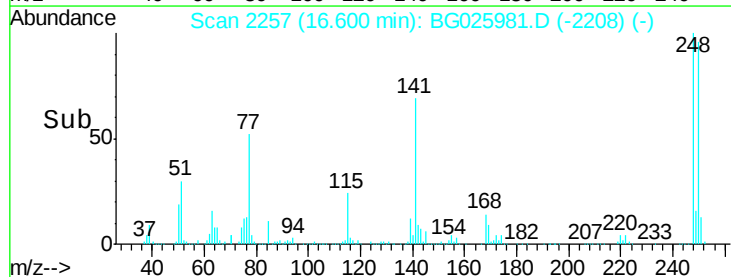
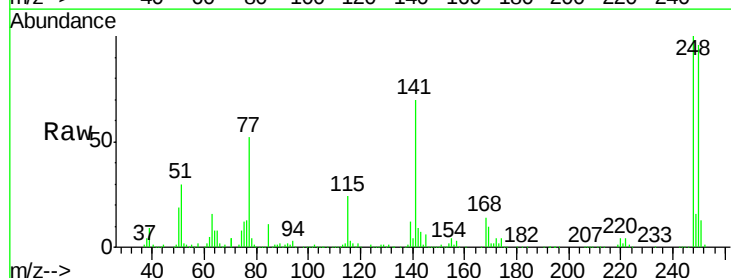
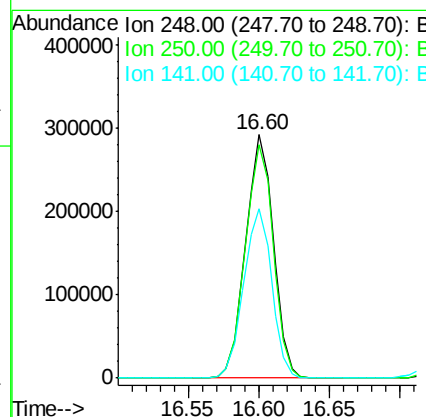
Manual Integrations
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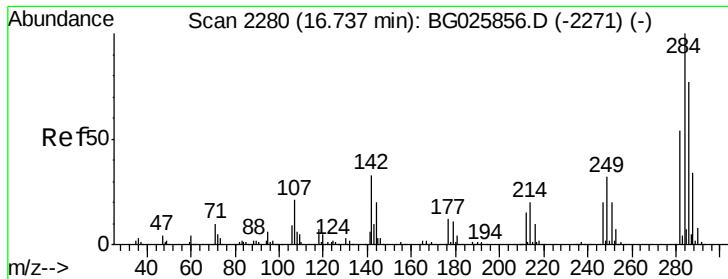
mohammad
3/1/2017 12:37:50 PM



#66
4-Bromophenyl-phenylether
Concen: 44.59 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	75.0	112.6
141	69.7	55.2	82.8





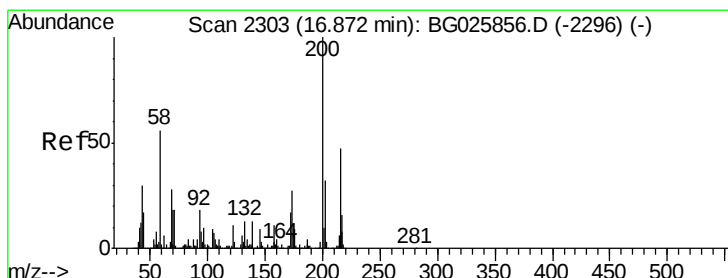
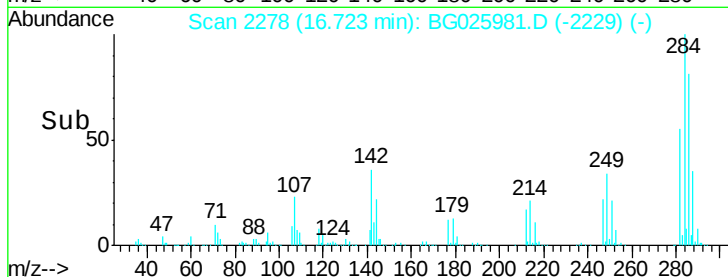
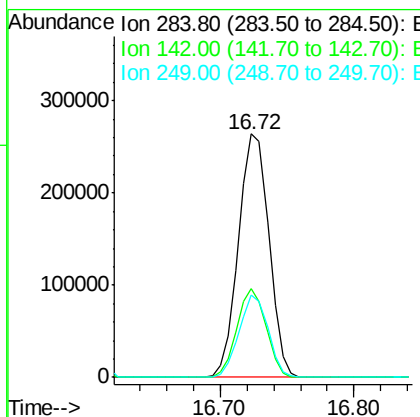
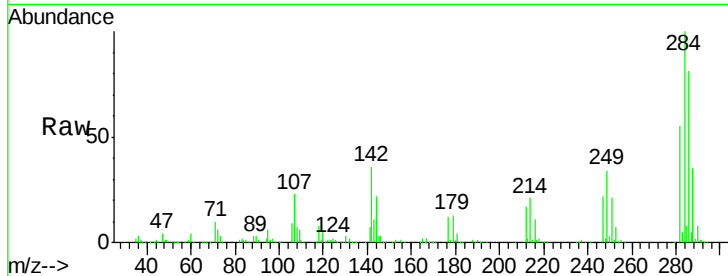
#67
Hexachlorobenzene
Concen: 44.64 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	416553		
142	36.5	29.9	44.9	
249	33.8	29.2	43.8	

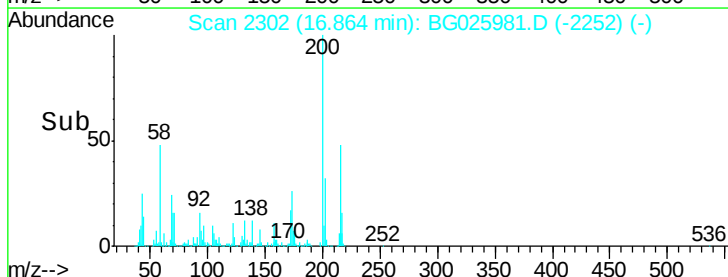
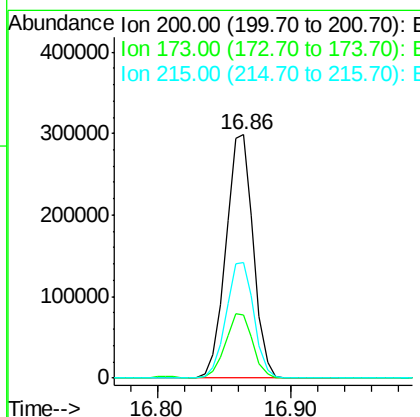
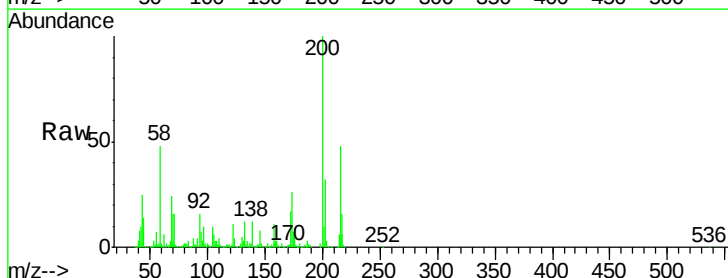
Manual Integrations
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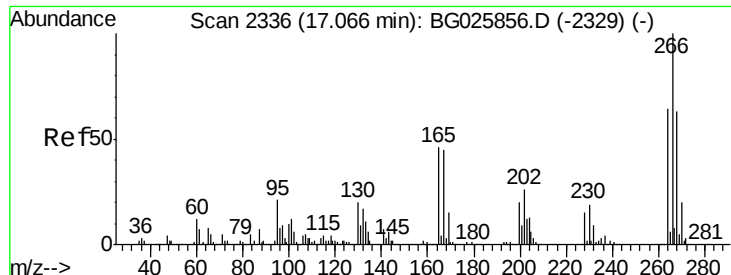
mohammad
3/1/2017 12:37:50 PM



#68
Atrazine
Concen: 46.08 ng
RT: 16.86 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	427236		
173	25.8	3.0	43.0	
215	47.7	28.4	68.4	





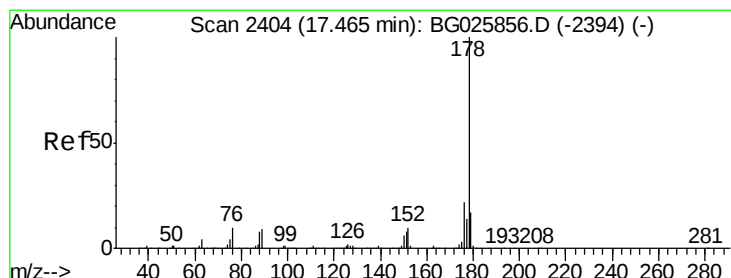
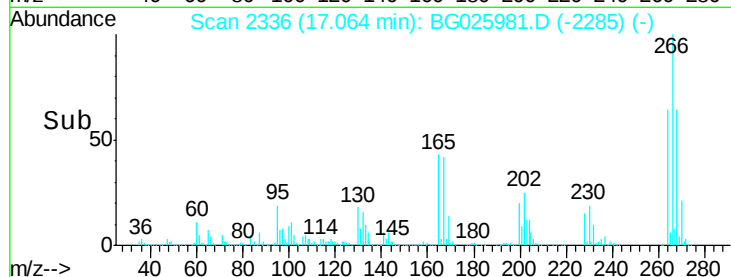
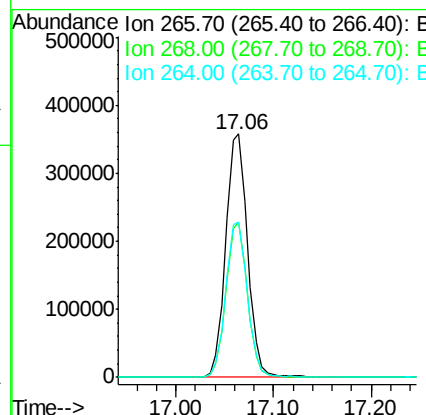
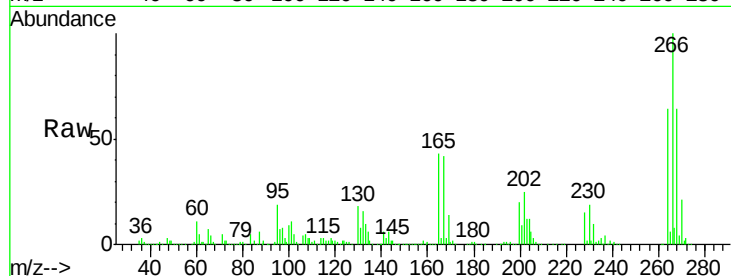
#69
 Pentachlorophenol
 Concen: 96.30 ng
 RT: 17.06 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	554296		
268	64.0		48.6	72.8
264	63.8		50.1	75.1

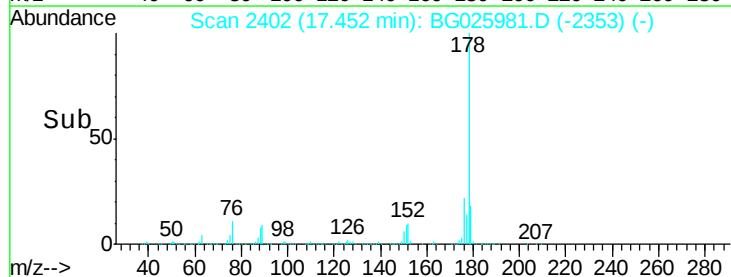
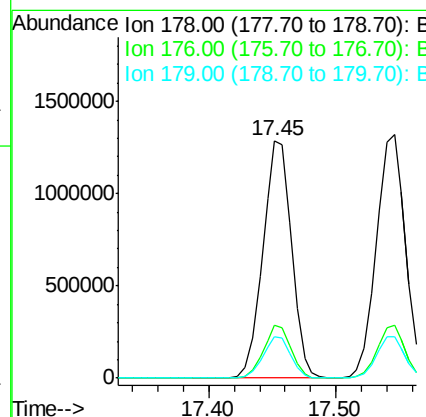
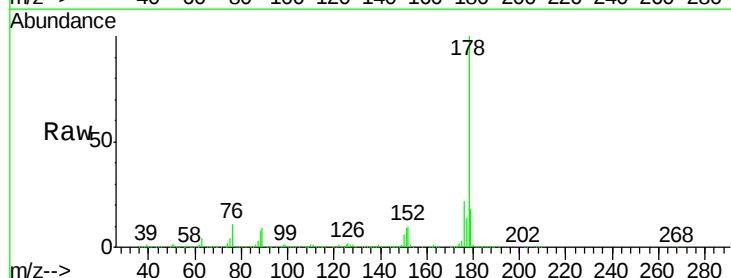
Manual Integrations
 APPROVED

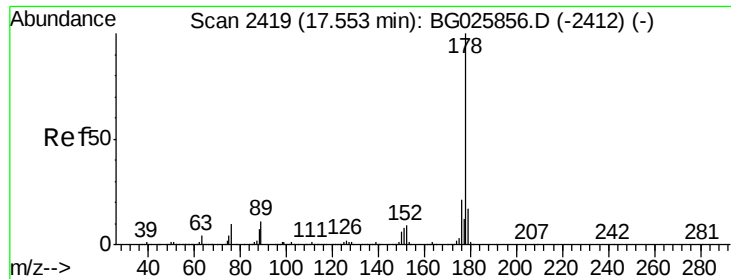
mohammad
 3/1/2017 12:37:50 PM



#70
 Phenanthrene
 Concen: 43.19 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2025357		
176	22.1		17.7	26.5
179	17.6		15.0	22.6





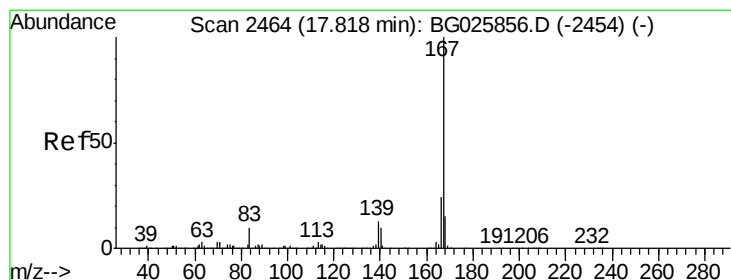
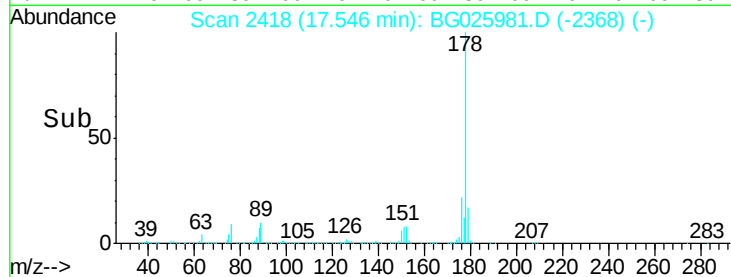
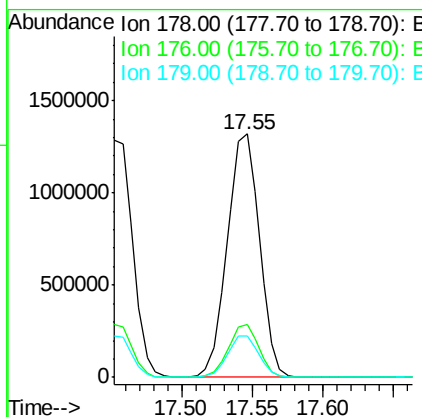
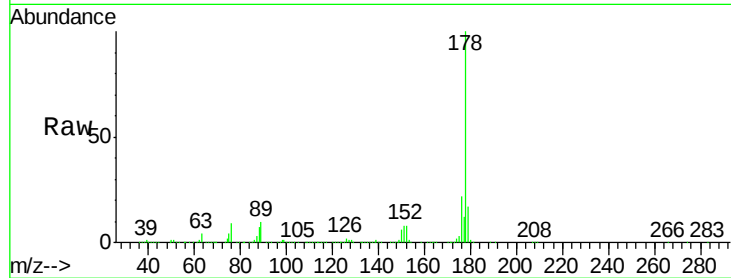
#71
 Anthracene
 Concen: 43.71 ng
 RT: 17.55 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Tot Ion:178 Resp: 2089693
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.4 24.6
 179 17.2 13.8 20.8

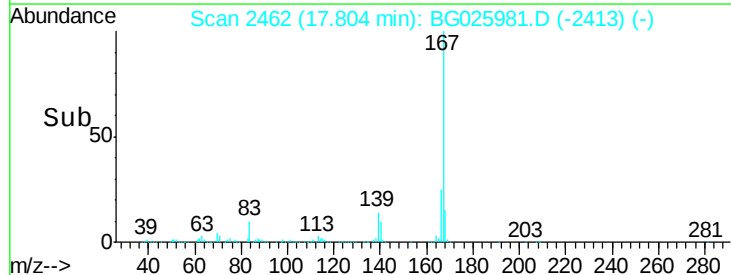
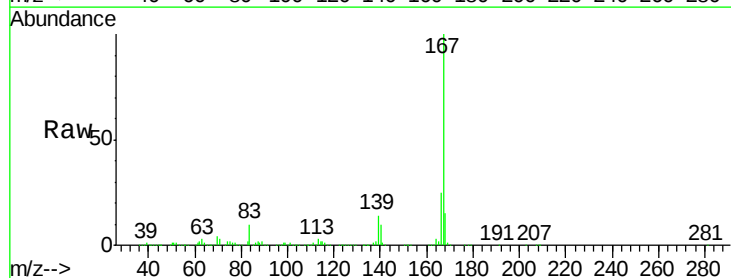
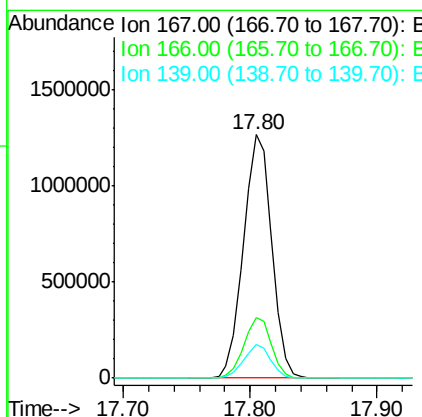
Manual Integrations
 APPROVED

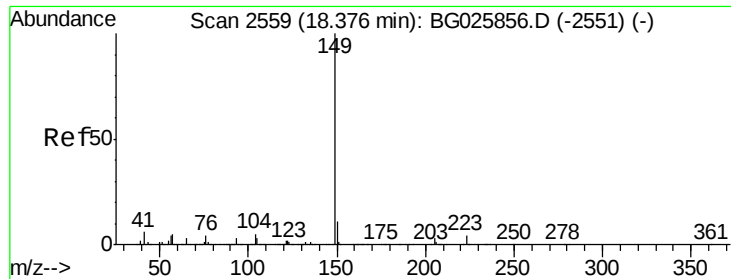
mohammad
 3/1/2017 12:37:50 PM



#72
 Carbazole
 Concen: 40.73 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion:167 Resp: 1956227
 Ion Ratio Lower Upper
 167 100
 166 25.1 20.2 30.2
 139 13.6 12.8 19.2





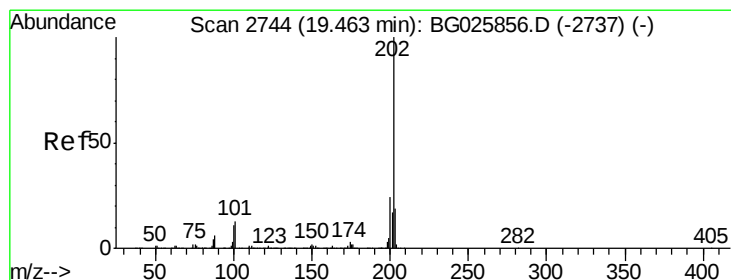
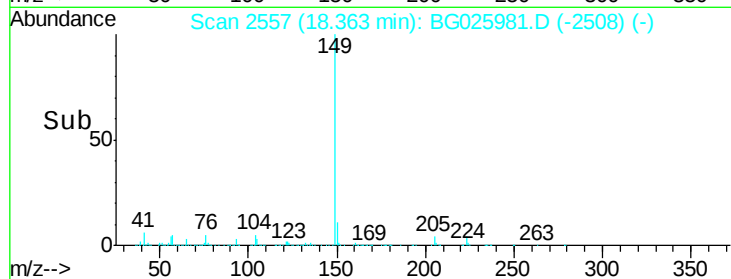
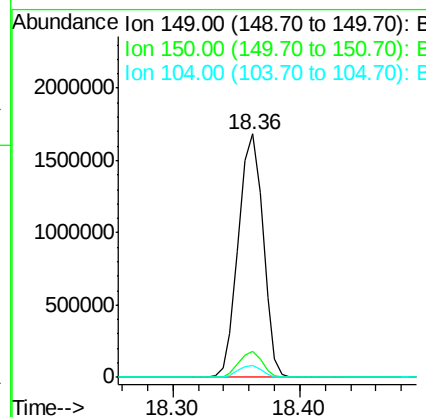
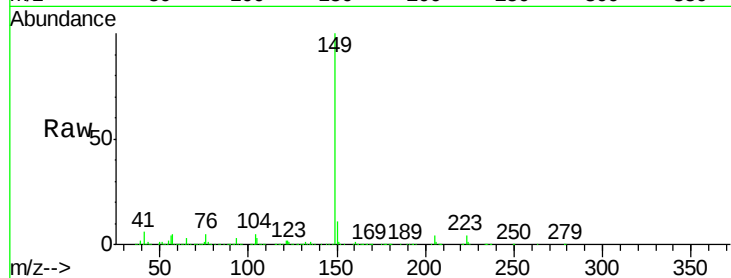
#73
Di-n-butylphthalate
Concen: 48.04 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.1	13.7
104	5.0	6.7	10.1

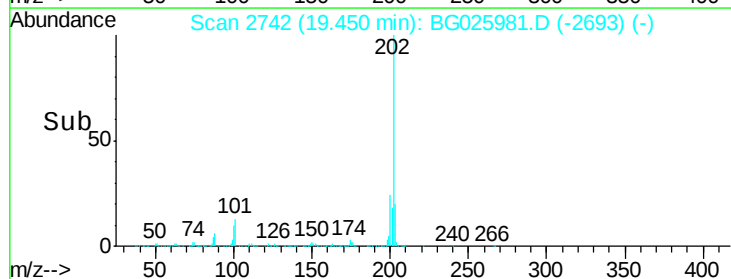
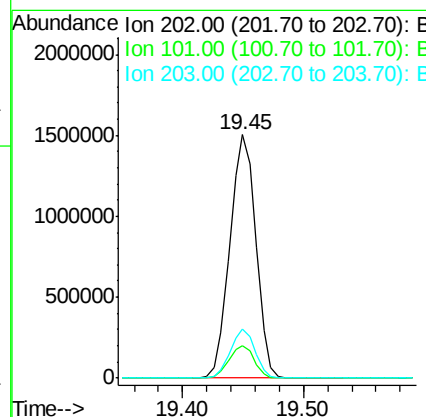
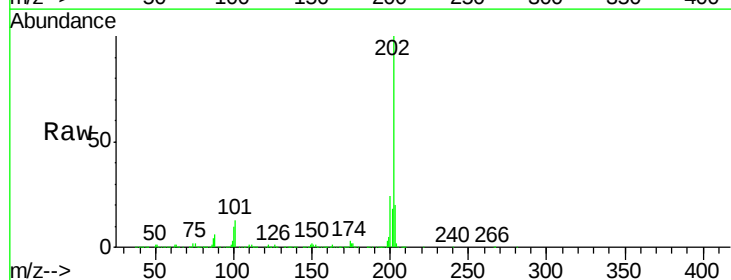
Manual Integrations
APPROVED

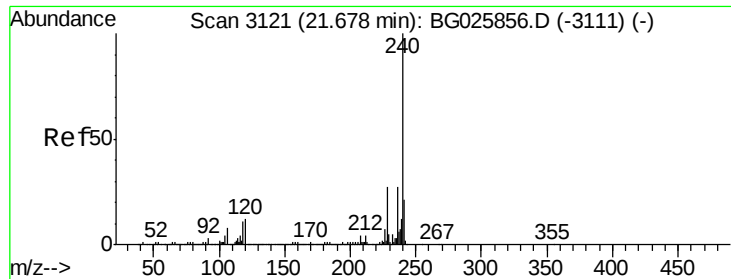
mohammad
3/1/2017 12:37:50 PM



#74
Fluoranthene
Concen: 43.49 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.1
203	19.9	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

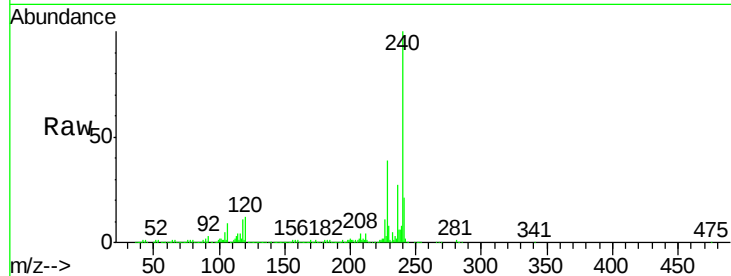
ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.7	8.5#
236	26.8	22.2	33.4

Manual Integrations
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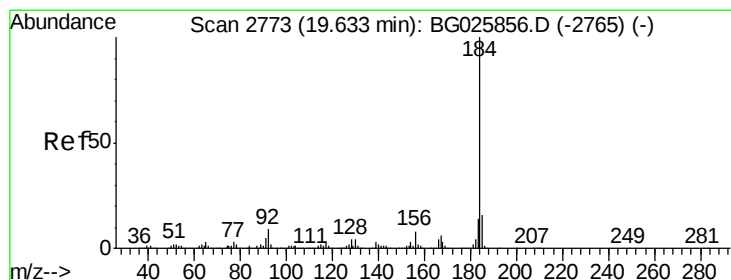
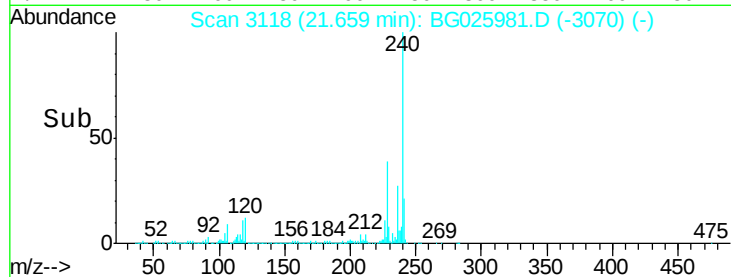
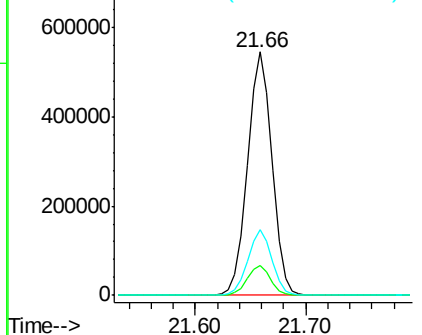
mohammad
3/1/2017 12:37:50 PM



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: 13.89 ng

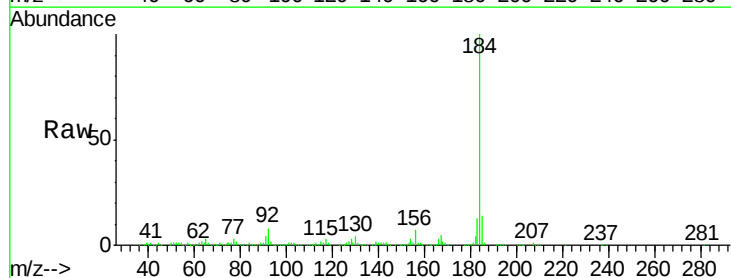
RT: 19.62 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

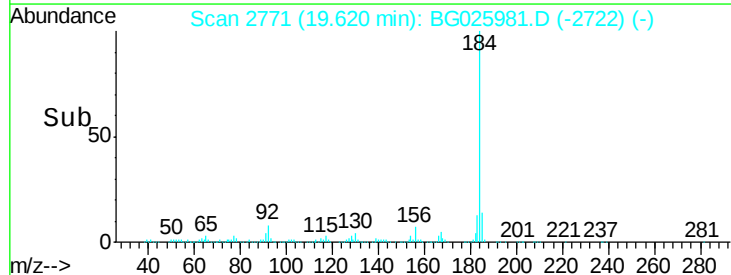
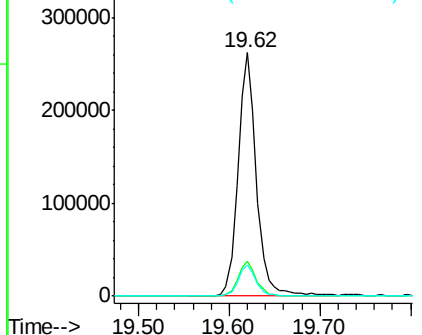
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.6
183	12.9	11.0	16.6

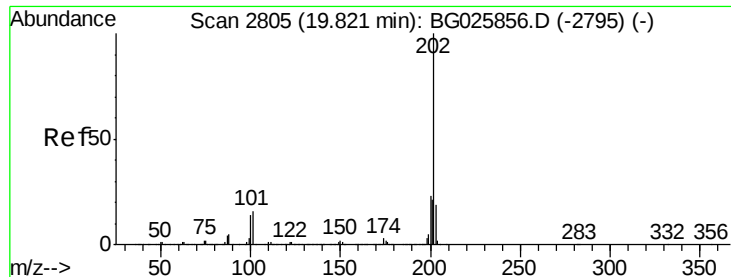


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





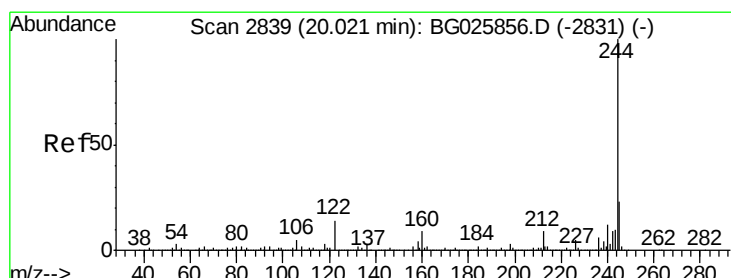
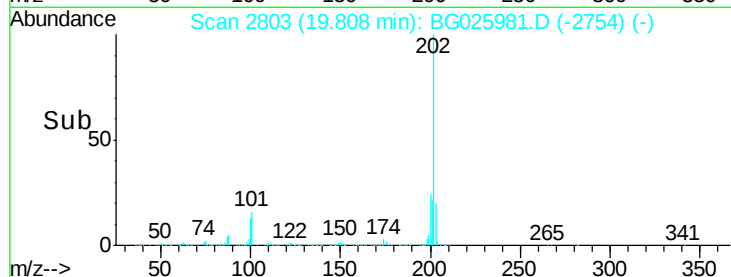
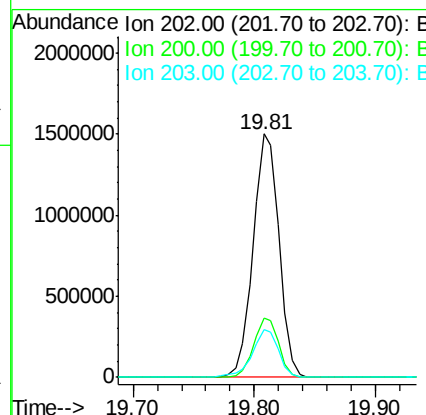
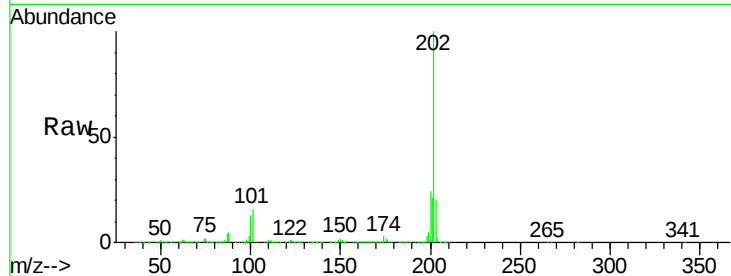
#77
Pvrene
Concen: 41.72 ng
RT: 19.81 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.5	19.6	29.4
203	19.8	15.8	23.8

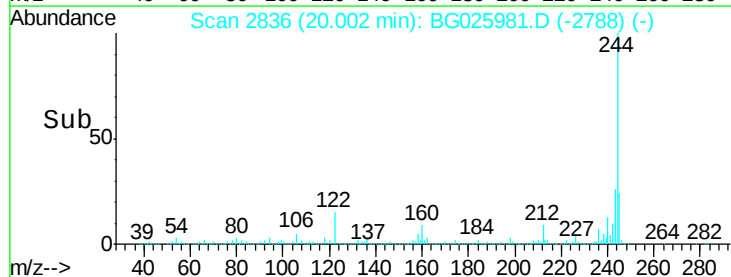
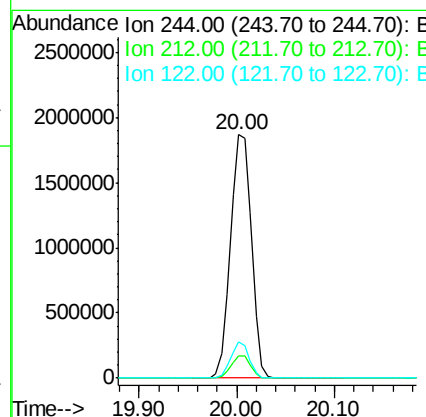
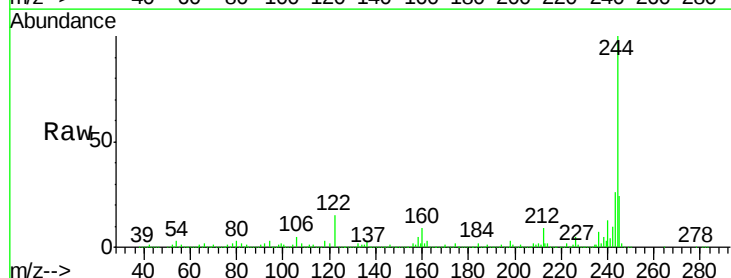
Manual Integrations
APPROVED

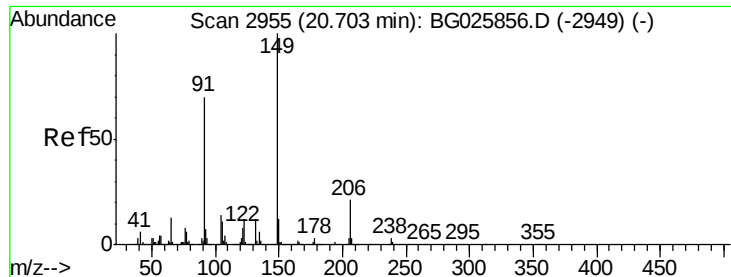
mohammad
3/1/2017 12:37:50 PM



#78
Terphenyl-d14
Concen: 79.28 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	10.0	15.0#
122	14.8	8.6	12.8#





#79

Butylbenzylphthalate

Concen: 49.65 ng

RT: 20.69 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:149 Resp: 1011578

Ion Ratio Lower Upper

149 100

91 63.7 63.5 95.3

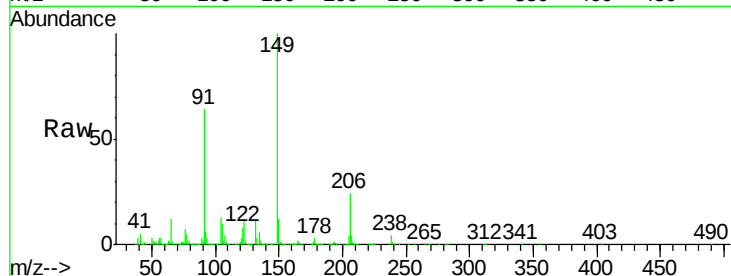
206 23.7 21.0 31.6

Manual Integrations

APPROVED

mohammad

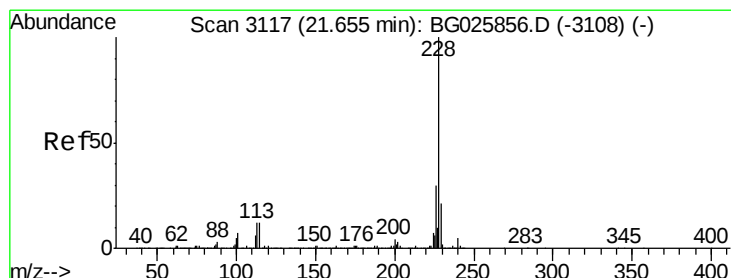
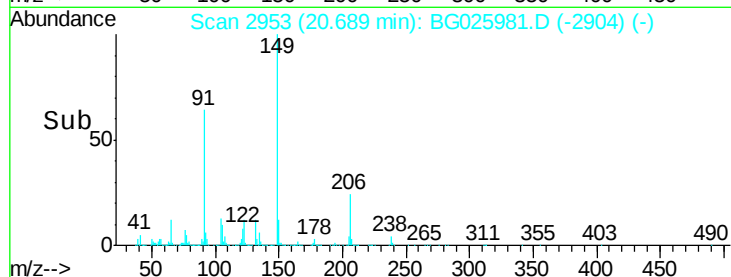
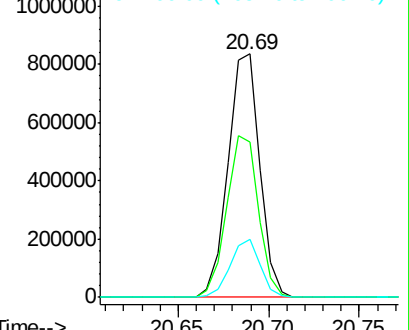
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.42 ng

RT: 21.64 min Scan# 3114

Delta R.T. -0.02 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

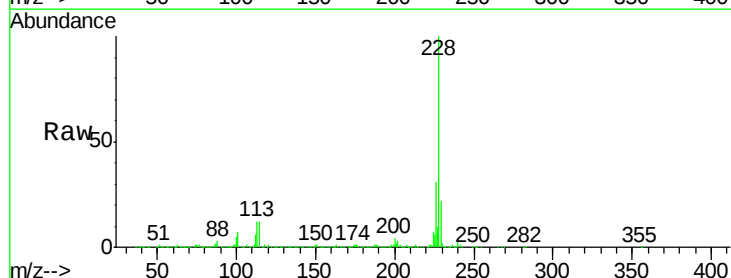
Tgt Ion:228 Resp: 2151978

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

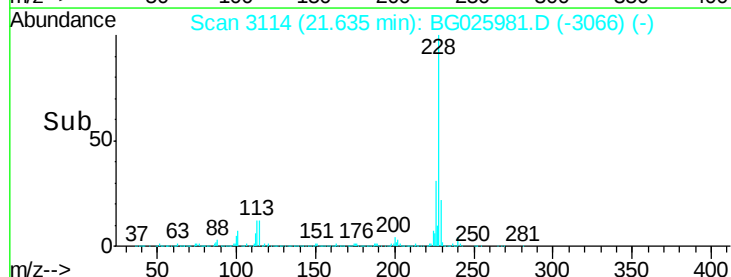
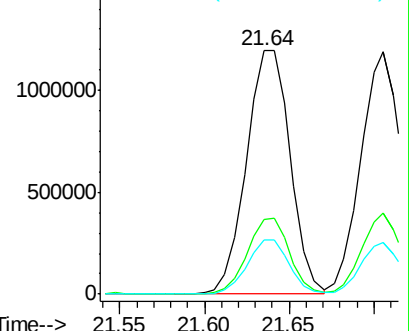
229 22.0 18.2 27.2

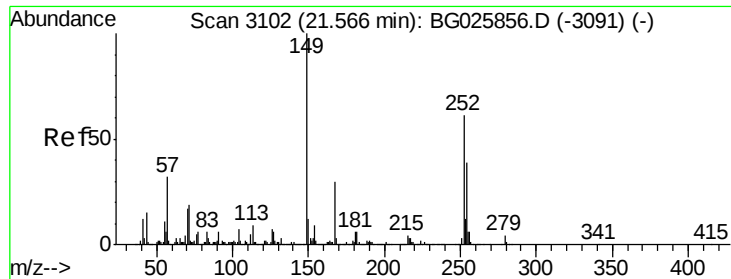


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





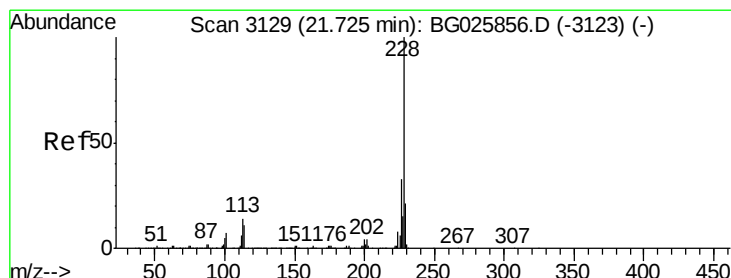
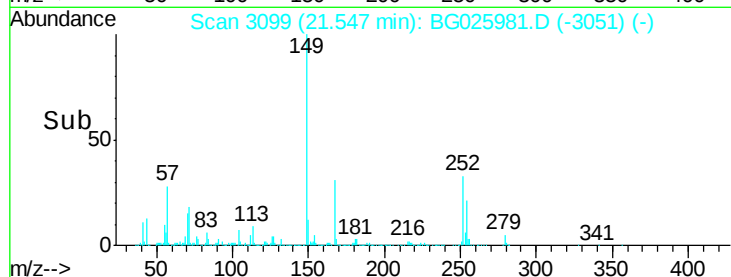
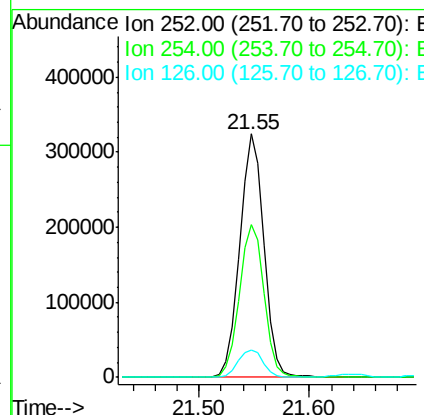
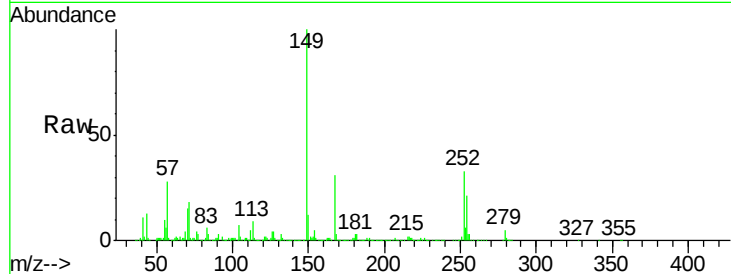
#81
 3,3'-Dichlorobenzidine
 Concen: 28.24 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	53.1	79.7
126	11.4	7.0	10.4

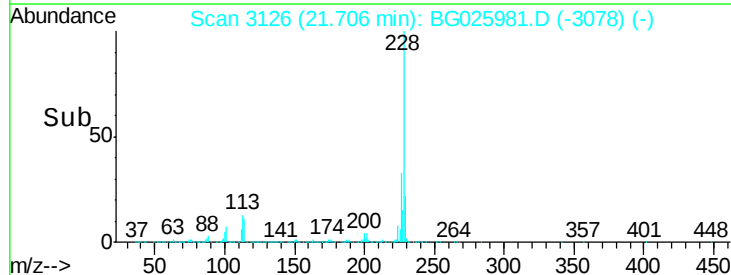
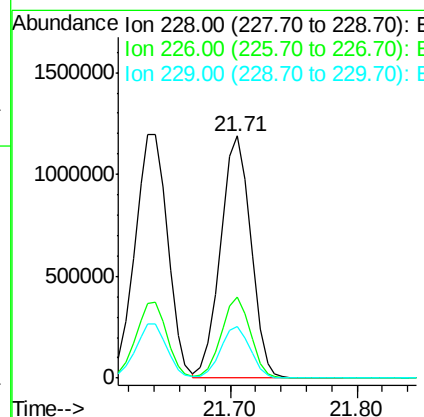
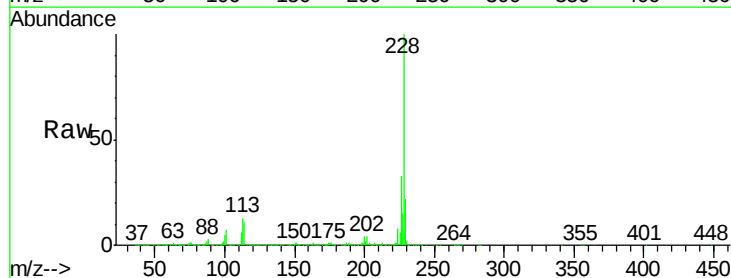
Manual Integrations
 APPROVED

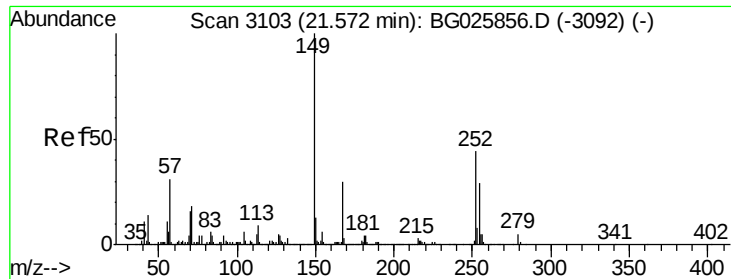
mohammad
 3/1/2017 12:37:50 PM



#82
 Chrysene
 Concen: 41.52 ng
 RT: 21.71 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.0	40.4
229	21.5	17.8	26.6





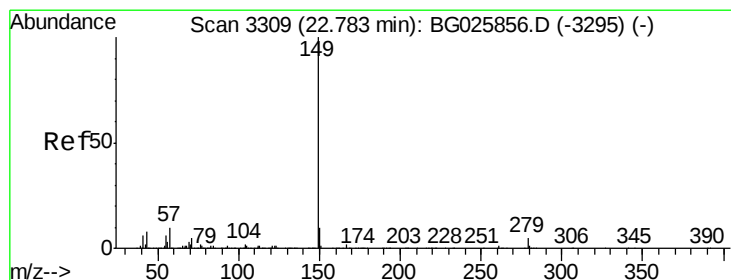
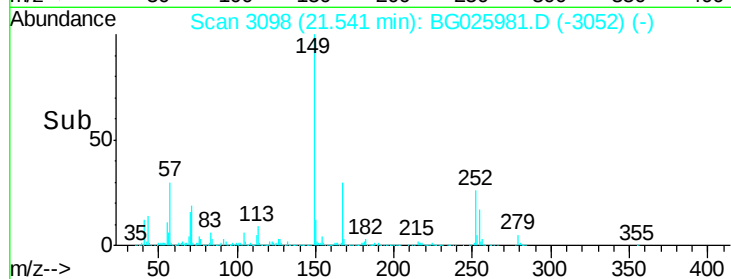
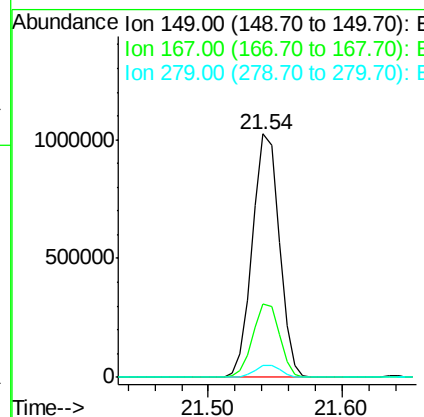
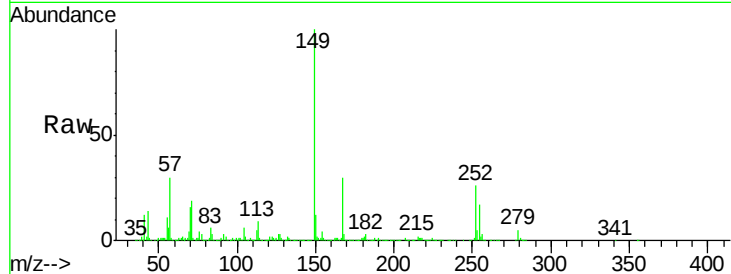
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.09 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.7	35.5
279	4.7	4.6	6.8

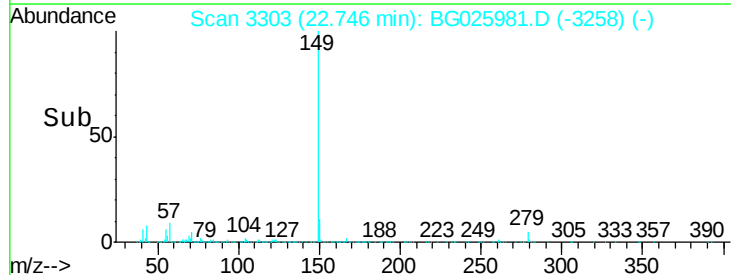
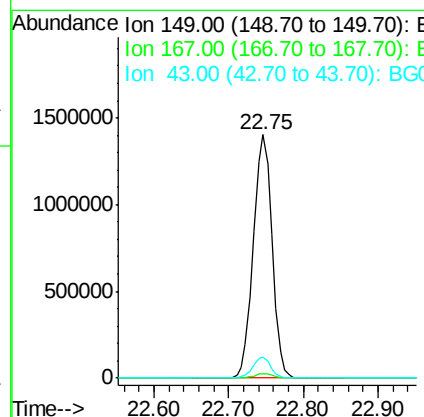
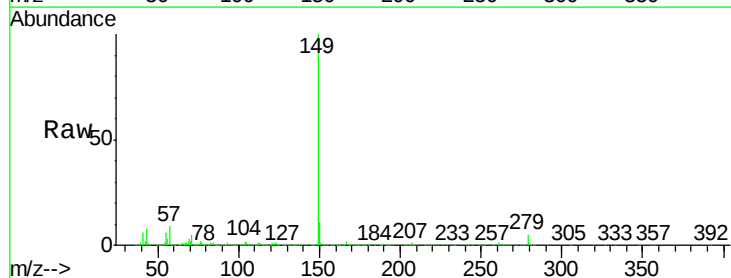
Manual Integrations
 APPROVED

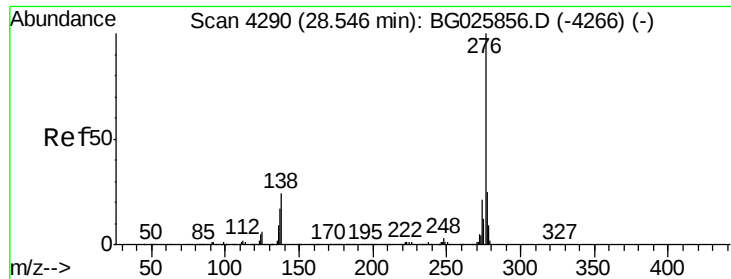
mohammad
 3/1/2017 12:37:50 PM



#84
 Di-n-octyl phthalate
 Concen: 50.43 ng
 RT: 22.75 min Scan# 3303
 Delta R.T. -0.04 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	8.1	11.8	17.6#





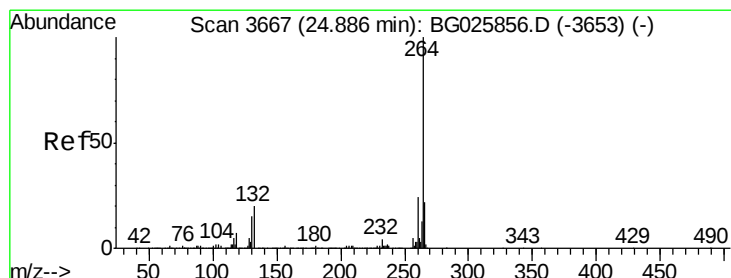
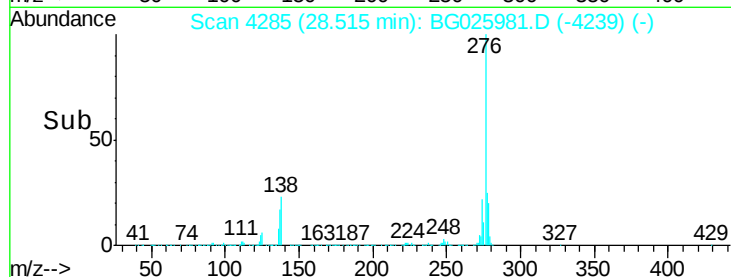
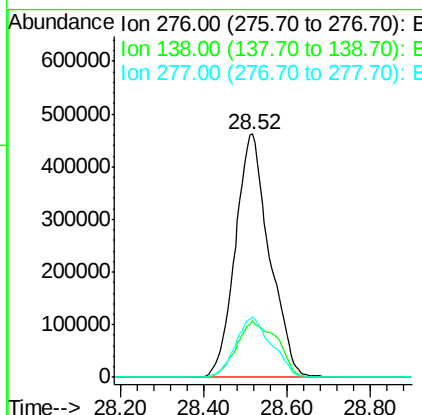
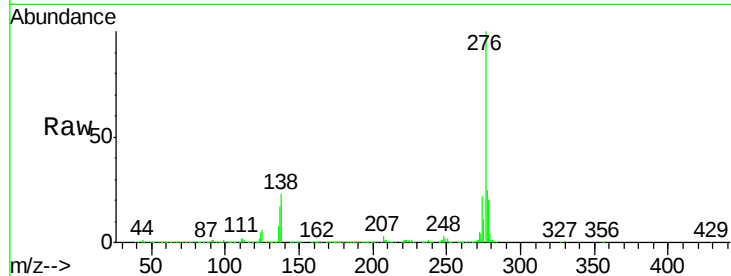
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.78 ng
RT: 28.52 min Scan# 4285
Delta R.T. -0.03 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion:276 Resp: 2626204
Ion Ratio Lower Upper
276 100
138 27.6 4.7 7.1#
277 26.2 20.6 31.0

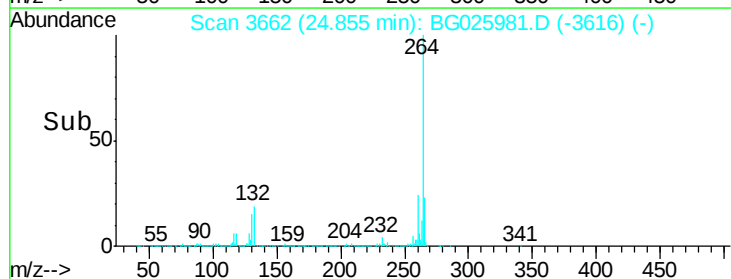
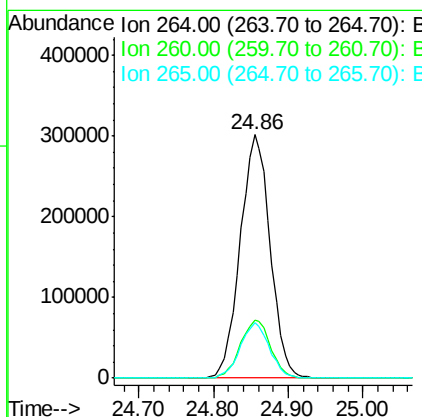
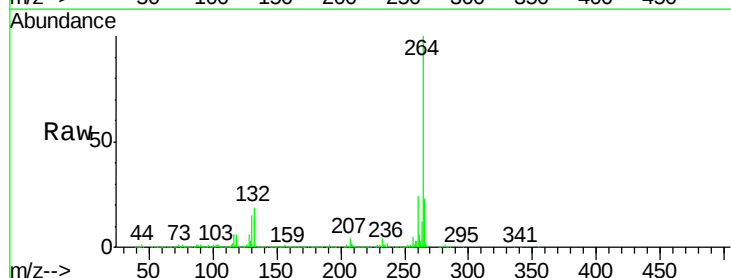
Manual Integrations
APPROVED

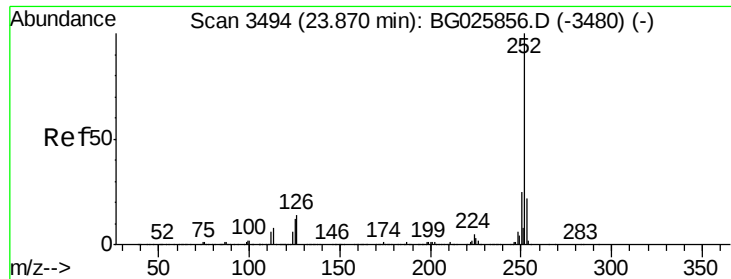
mohammad
3/1/2017 12:37:50 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion:264 Resp: 837202
Ion Ratio Lower Upper
264 100
260 24.0 21.8 32.8
265 22.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.35 ng

RT: 23.84 min Scan# 3490

Delta R.T. -0.03 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-50-COMPMSD

Tot Ion:252 Resp: 2273853

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

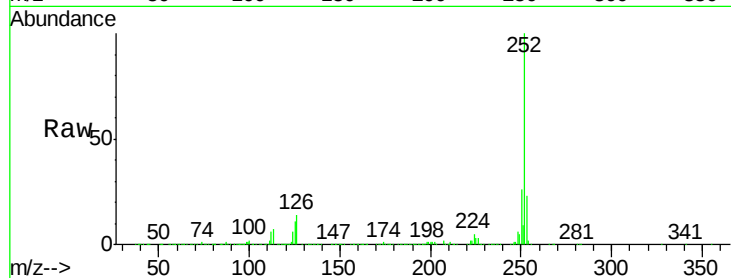
125 11.3 5.3 7.9#

Manual Integrations

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mohammad

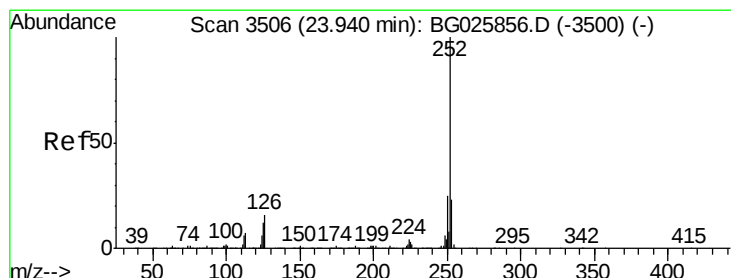
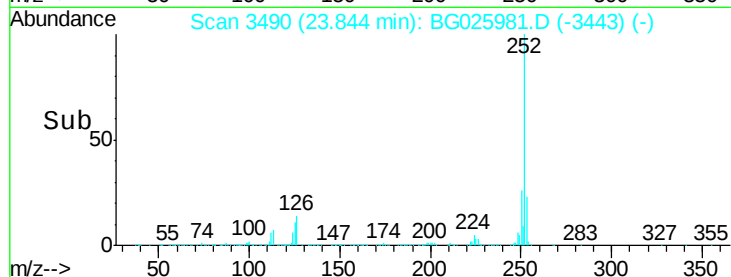
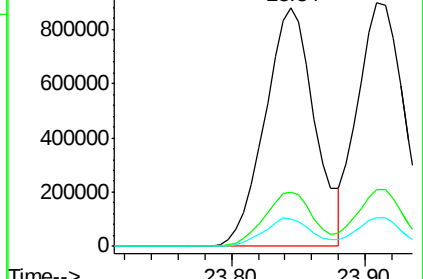
3/1/2017 12:37:50 PM



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



#88

Benzo(k)fluoranthene

Concen: 43.60 ng

RT: 23.91 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BG025981.D

Acq: 28 Feb 2017 2:24

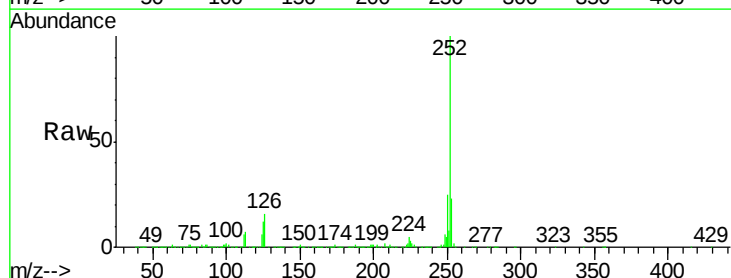
Tgt Ion:252 Resp: 2132894

Ion Ratio Lower Upper

252 100

253 23.3 20.2 30.2

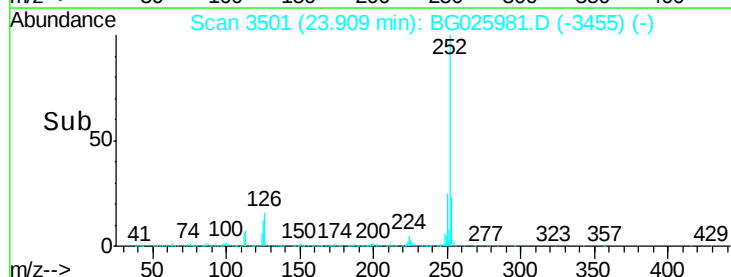
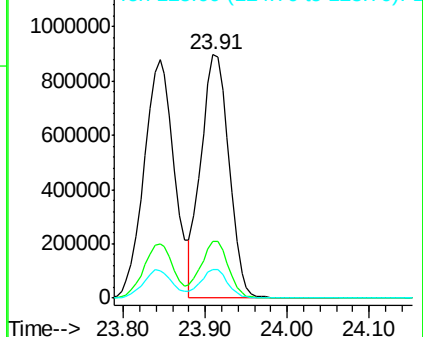
125 12.0 5.1 7.7#

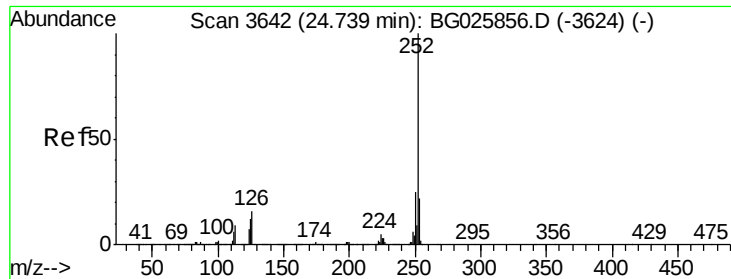


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





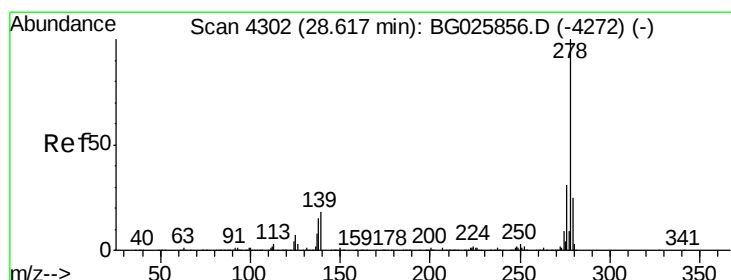
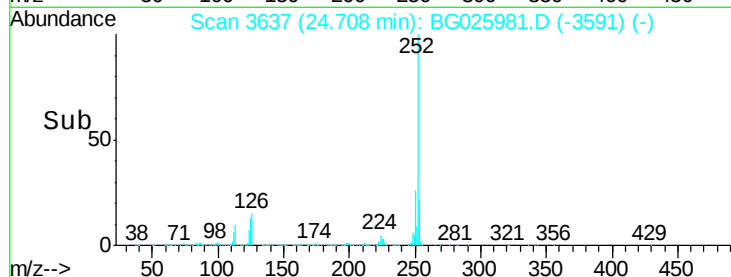
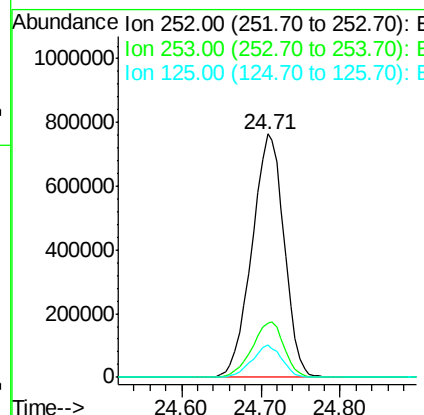
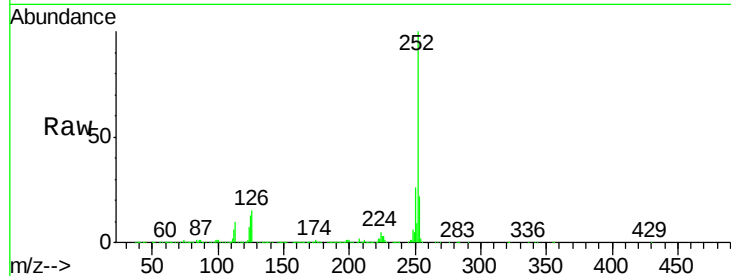
#89
Benzo(a)pyrene
Concen: 45.44 ng
RT: 24.71 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	13.1	5.4	8.0

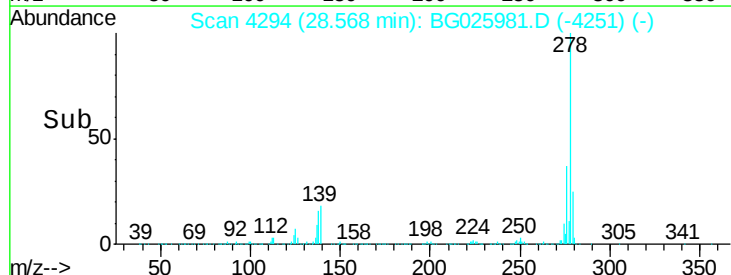
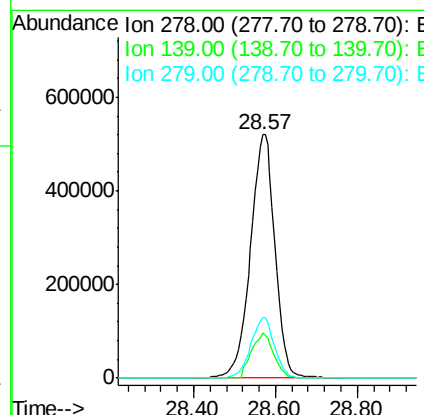
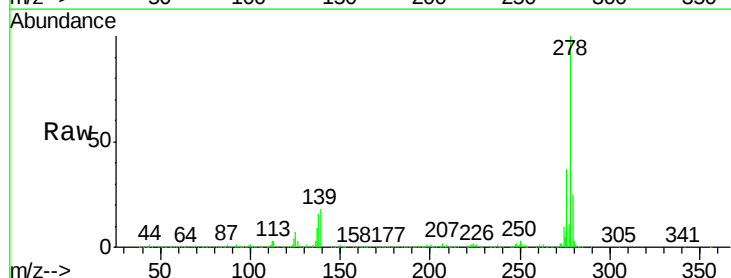
Manual Integrations
APPROVED

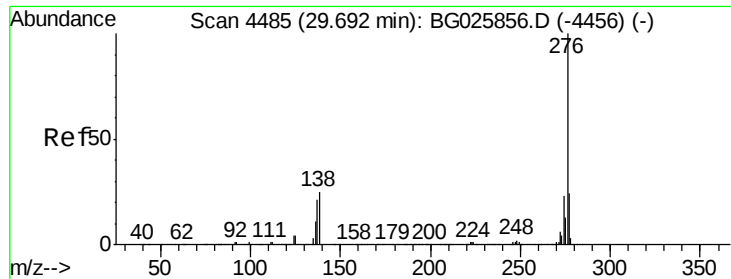
mohammad
3/1/2017 12:37:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.42 ng
RT: 28.57 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG025981.D
Acq: 28 Feb 2017 2:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	7.7	11.5
279	24.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 45.25 ng
 RT: 29.66 min Scan# 4480
 Delta R.T. -0.03 min
 Lab File: BG025981.D
 Acq: 28 Feb 2017 2:24

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-50-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	22.6	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 3/1/2017 12:37:50 PM

