

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025808.D
 Acq On : 6 Feb 2017 18:46
 Operator : SJ/MA
 Sample : PB96733BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96733BS

Manual Integrations
 APPROVED

mohammad
 2/7/2017 3:15:49 PM

Quant Time: Feb 07 02:40:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	74448	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	343148	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	270284	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	603146	20.00	ng	0.00
75) Chrysene-d12	21.82	240	756448	20.00	ng	-0.02
86) Perylene-d12	25.19	264	757412	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	695567	167.45	ng	-0.02
7) Phenol-d6	7.32	99	1012859	166.95	ng	0.00
23) Nitrobenzene-d5	9.34	82	736698	90.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	526188	136.51	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1500658	90.17	ng	-0.02
78) Terphenyl-d14	20.11	244	2568170	81.95	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	67032	35.59	ng	95
3) Pyridine	3.93	79	209766	41.05	ng	89
4) n-Nitrosodimethylamine	3.86	42	146895	49.97	ng	98
6) Aniline	7.48	93	207631	24.29	ng	96
8) 2-Chlorophenol	7.72	128	238094	50.49	ng	95
9) Benzaldehyde	7.30	77	134124	26.06	ng	96
10) Phenol	7.35	94	358679	52.60	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	253152	46.95	ng	94
12) 1,3-Dichlorobenzene	8.03	146	253365	43.94	ng	98
13) 1,4-Dichlorobenzene	8.19	146	256262	43.71	ng	100
14) 1,2-Dichlorobenzene	8.51	146	253282	45.09	ng	96
15) Benzyl Alcohol	8.40	79	283985	54.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	510055	46.85	ng	99
17) 2-Methylphenol	8.60	107	231345	49.67	ng	94
18) Hexachloroethane	9.23	117	104316	43.69	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	250712	46.83	ng	96
20) 3+4-Methylphenols	8.94	107	331247	52.11	ng	92
22) Acetophenone	8.99	105	394960	42.04	ng	# 96
24) Nitrobenzene	9.38	77	366926	41.38	ng	98
25) Isophorone	9.90	82	671767	42.45	ng	96
26) 2-Nitrophenol	10.10	139	145446	46.29	ng	97
27) 2,4-Dimethylphenol	10.14	122	277042	50.62	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	373232	44.56	ng	93
29) 2,4-Dichlorophenol	10.64	162	276123	49.17	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	275984	42.25	ng	96
31) Naphthalene	11.03	128	757782	42.54	ng	96
32) Benzoic acid	10.31	122	112144	34.35	ng	94
33) 4-Chloroaniline	11.17	127	104294	14.09	ng	96
34) Hexachlorobutadiene	11.28	225	203145	38.22	ng	93
35) Caprolactam	11.94	113	110531m	46.19	ng	
36) 4-Chloro-3-methylphenol	12.27	107	344956	50.42	ng	98
37) 2-Methylnaphthalene	12.63	142	589526	42.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	363016	40.11	ng	99
40) Hexachlorocyclopentadiene	12.95	237	298694	84.70	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	248287	46.86	nq	92
43) 2,4,5-Trichlorophenol	13.33	196	251919	44.04	nq	97
45) 1,1'-Biphenyl	13.62	154	829456	44.11	nq	96
46) 2-Chloronaphthalene	13.67	162	656067	44.43	nq	96
47) 2-Nitroaniline	13.89	65	288311	45.37	nq	95
48) Acenaphthylene	14.51	152	1032727	42.04	nq	98
49) Dimethylphthalate	14.23	163	891680	43.81	nq	100
50) 2,6-Dinitrotoluene	14.38	165	196766	42.69	nq	95
51) Acenaphthene	14.85	154	663519	43.71	nq	97
52) 3-Nitroaniline	14.73	138	77563	17.85	nq	# 93
53) 2,4-Dinitrophenol	14.94	184	178344	66.48	nq	94
54) Dibenzofuran	15.18	168	1062425	46.32	nq	98
55) 4-Nitrophenol	15.04	139	269133	80.08	nq	91
56) 2,4-Dinitrotoluene	15.17	165	299625	44.43	nq	# 84
57) Fluorene	15.83	166	855497	41.98	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	265276	49.62	nq	95
59) Diethylphthalate	15.58	149	945921	43.84	nq	99
60) 4-Chlorophenyl-phenylether	15.81	204	477060	43.19	nq	94
61) 4-Nitroaniline	15.89	138	173748	39.81	nq	97
62) Azobenzene	16.11	77	1093972	49.82	nq	98
64) 4,6-Dinitro-2-methylphenol	15.94	198	172930	40.35	nq	75
65) n-Nitrosodiphenylamine	16.03	169	806803	46.60	nq	99
66) 4-Bromophenyl-phenylether	16.71	248	327051	44.59	nq	93
67) Hexachlorobenzene	16.84	284	356345	43.20	nq	95
68) Atrazine	16.97	200	343411	40.18	nq	97
69) Pentachlorophenol	17.19	266	331913	91.57	nq	98
70) Phenanthrene	17.58	178	1466807	44.75	nq	96
71) Anthracene	17.67	178	1512248	44.74	nq	99
72) Carbazole	17.95	167	1356375	41.44	nq	96
73) Di-n-butylphthalate	18.46	149	1667335	44.02	nq	98
74) Fluoranthene	19.58	202	1877032	41.79	nq	98
76) Benzidine	19.76	184	495732	19.08	nq	99
77) Pyrene	19.94	202	1889429	44.84	nq	99
79) Butylbenzylphthalate	20.79	149	808907	46.24	nq	96
80) Benzo(a)anthracene	21.80	228	1958082	43.71	nq	98
81) 3,3'-Dichlorobenzidine	21.71	252	365285	20.77	nq	99
82) Chrysene	21.87	228	1769106	41.78	nq	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	1149095	47.16	nq	98
84) Di-n-octyl phthalate	22.88	149	1915991	48.41	nq	99
85) Indeno(1,2,3-cd)pyrene	29.08	276	2236392	43.32	nq	# 98
87) Benzo(b)fluoranthene	24.11	252	2005391m	45.81	nq	
88) Benzo(k)fluoranthene	24.18	252	1890525	44.12	nq	97
89) Benzo(a)pyrene	25.03	252	1900707	45.64	nq	# 98
90) Dibenzo(a,h)anthracene	29.12	278	1860908	43.22	nq	# 96
91) Benzo(g,h,i)perylene	30.30	276	1877336	43.87	nq	# 95

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

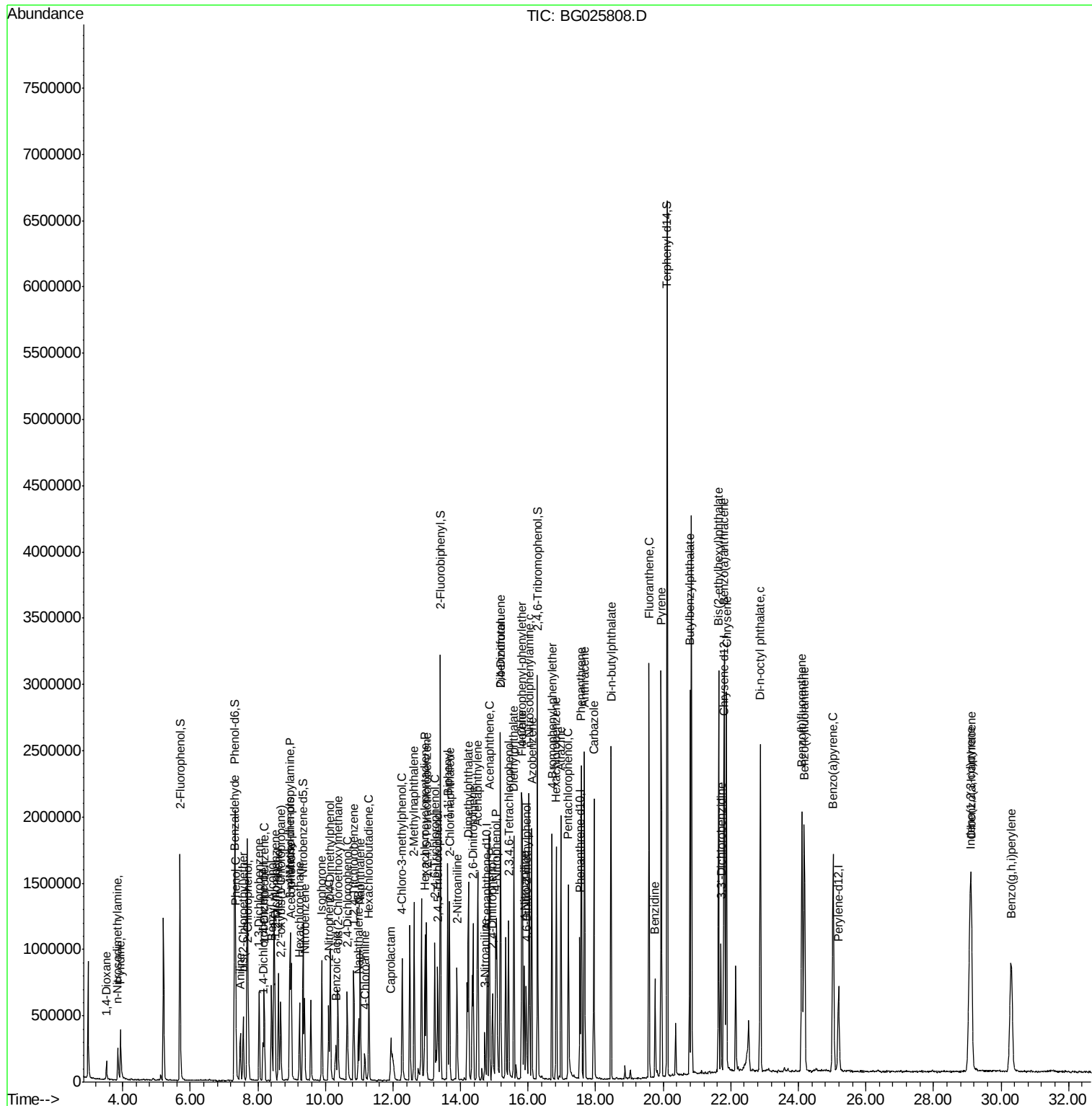
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Data File : BG025808.D  
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Sample    : PB96733BS  
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ALS Vial  : 4 Sample Multiplier: 1
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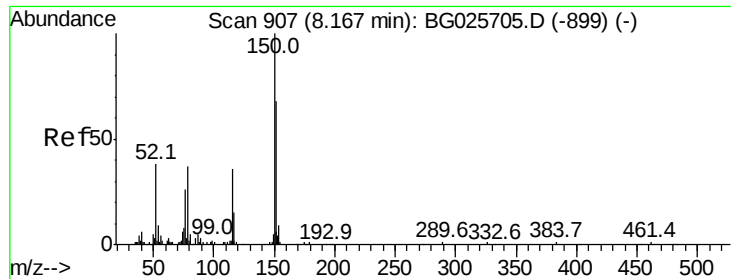
Instrument :
BNA_G
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#1

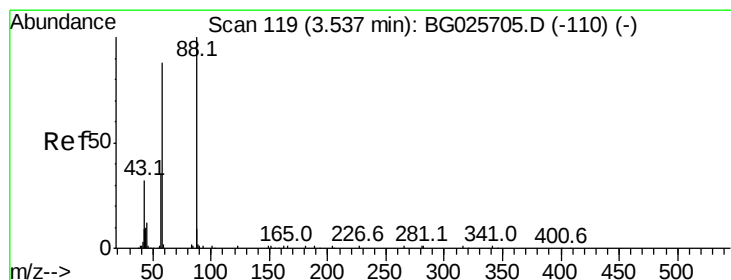
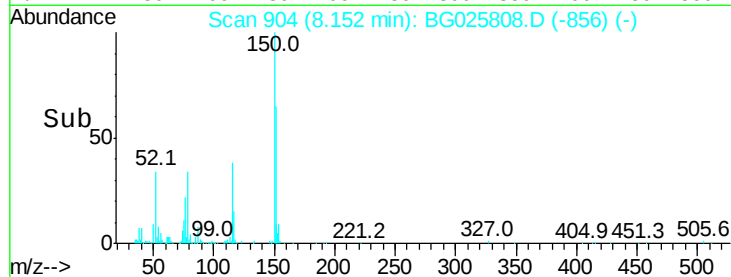
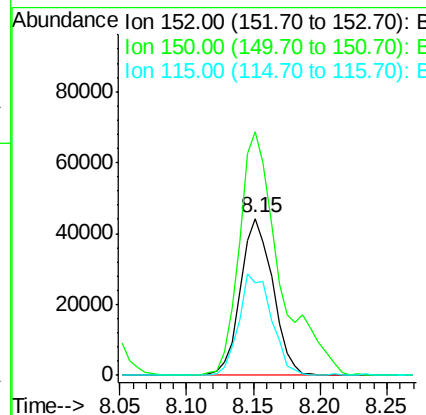
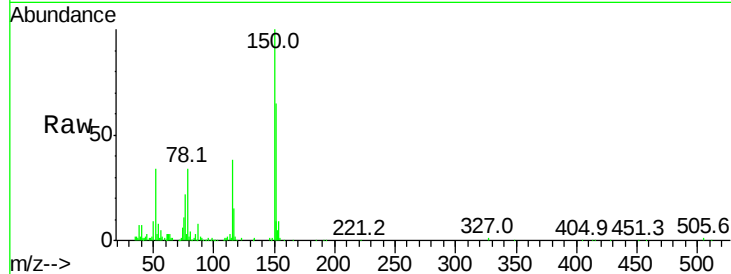
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	114.0	171.0
115	59.1	48.1	72.1

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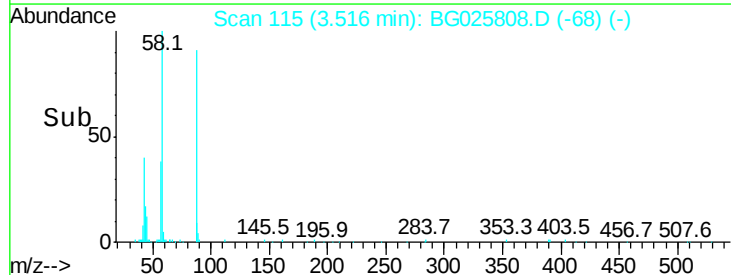
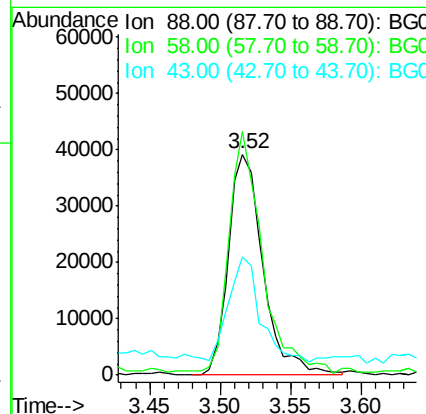
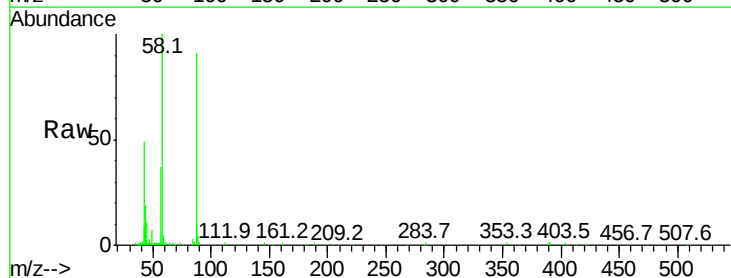
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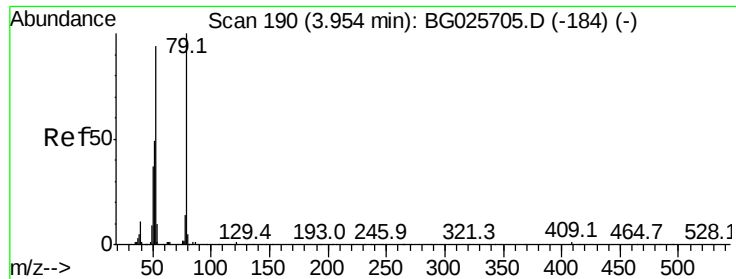


#2

1,4-Dioxane
Concen: 35.59 ng
RT: 3.52 min Scan# 115
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.8	79.4	119.2
43	43.7	33.8	50.6





#3

Pvridine

Concen: 41.05 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

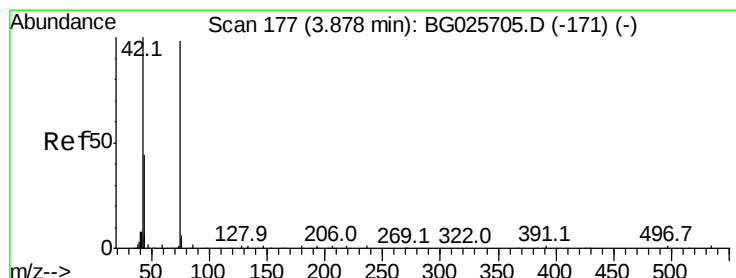
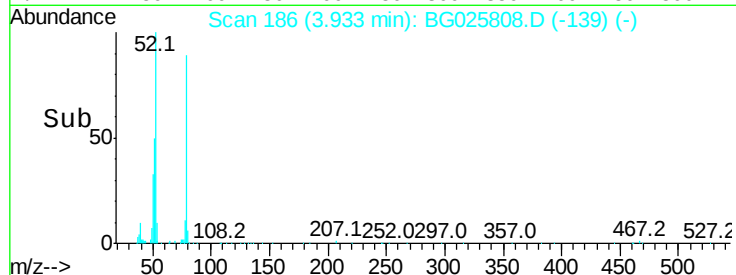
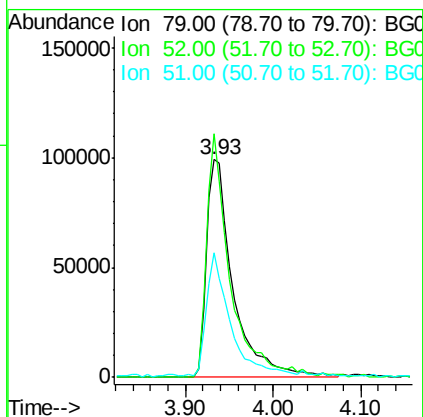
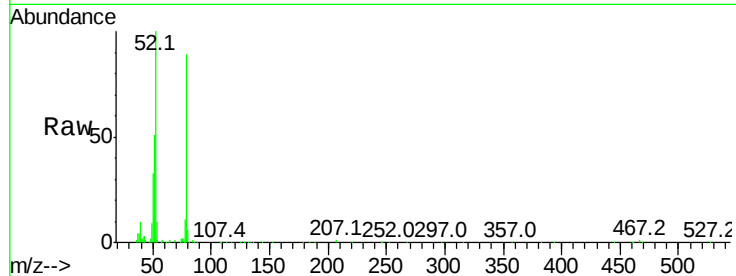
ClientSampleId :

PB96733BS

Tot Ion:	79	Resp:	209766
Ion Ratio	Lower	Upper	
79	100		
52	111.9	77.8	116.6
51	57.3	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 49.97 ng

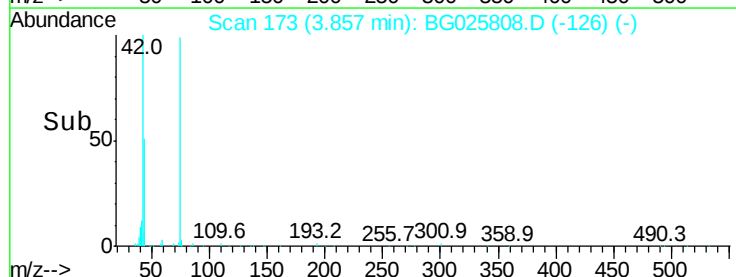
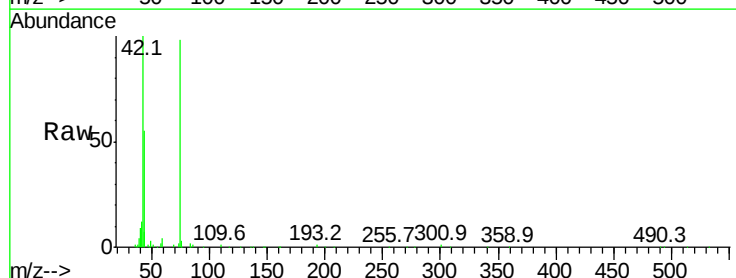
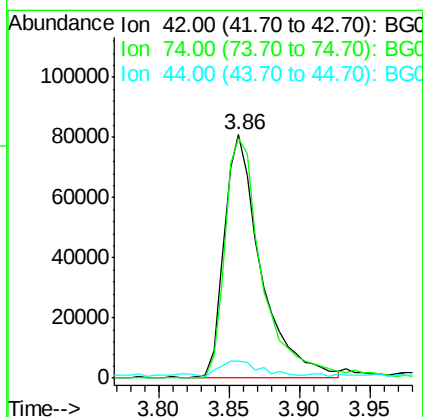
RT: 3.86 min Scan# 173

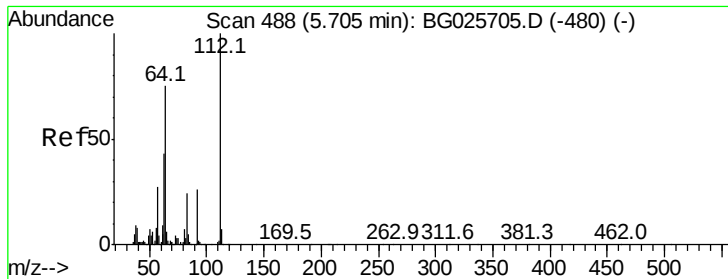
Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	42	Resp:	146895
Ion Ratio	Lower	Upper	
42	100		
74	98.3	76.7	115.1
44	6.8	6.1	9.1





#5

2-Fluorophenol

Concen: 167.45 ng

RT: 5.69 min Scan# 485

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

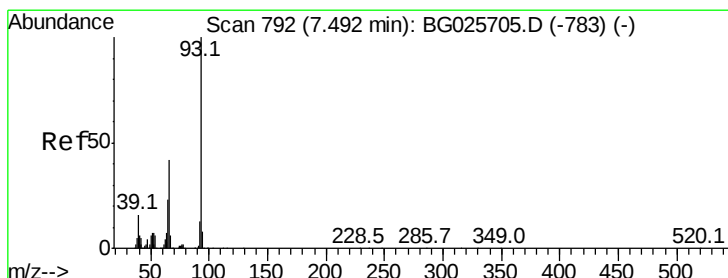
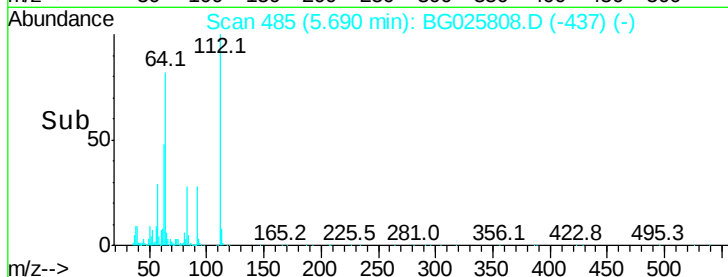
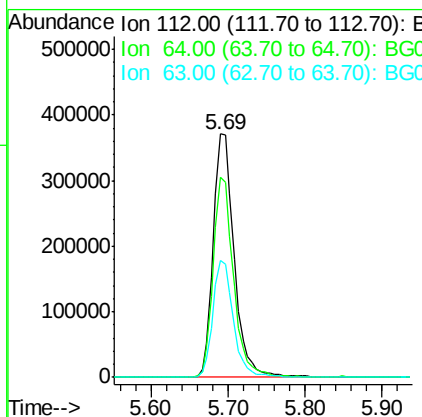
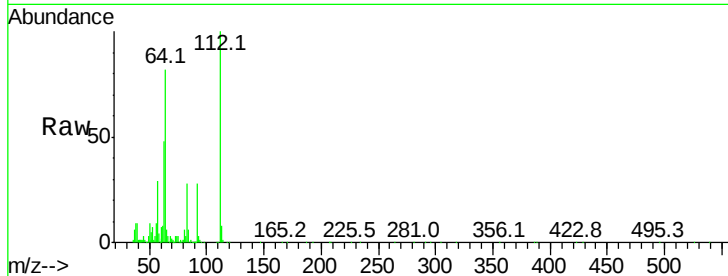
ClientSampleId :

PB96733BS

Tot Ion:	112	Resp:	695567
Ion Ratio	Lower	Upper	
112	100		
64	82.4	61.8	92.6
63	48.2	37.2	55.8

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#6

Aniline

Concen: 24.29 ng

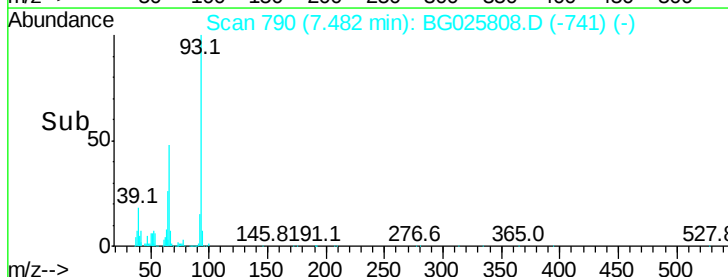
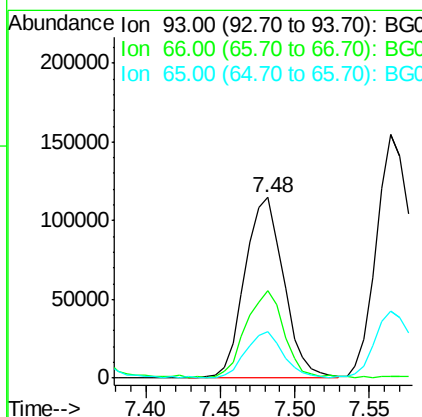
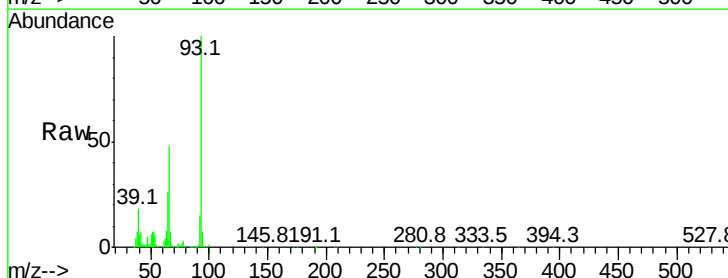
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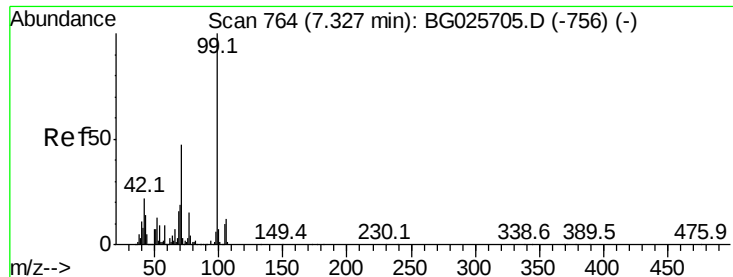
Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	93	Resp:	207631
Ion Ratio	Lower	Upper	
93	100		
66	48.3	35.4	53.2
65	25.7	21.2	31.8





#7

Phenol-d6

Concen: 166.95 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PB96733BS

Tot Ion: 99 Resp: 1012859

Ion Ratio Lower Upper

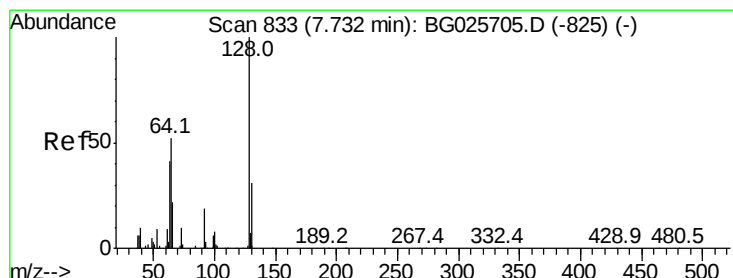
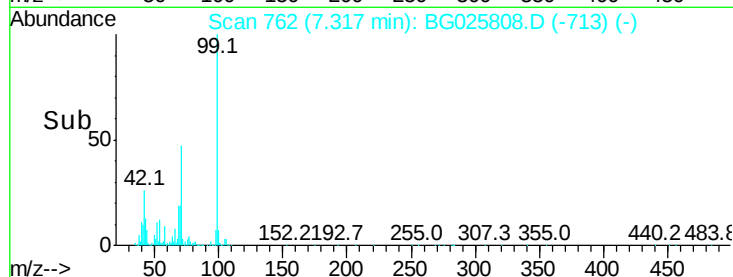
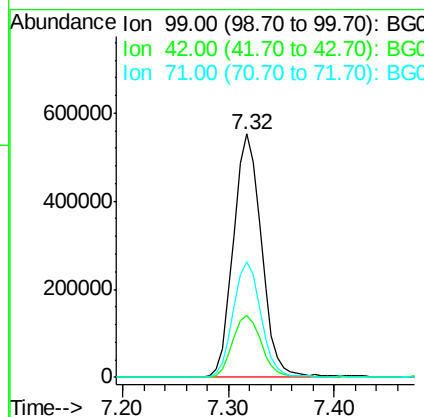
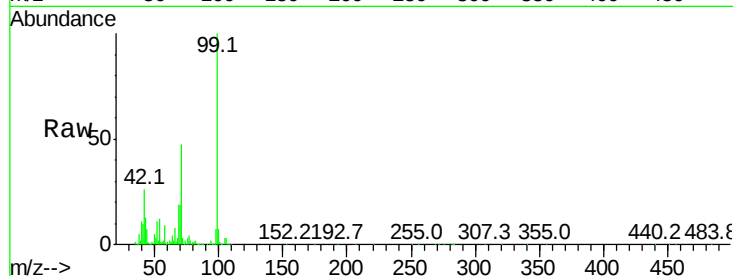
99 100

42 25.7 20.5 30.7

71 47.3 37.6 56.4

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#8

2-Chlorophenol

Concen: 50.49 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

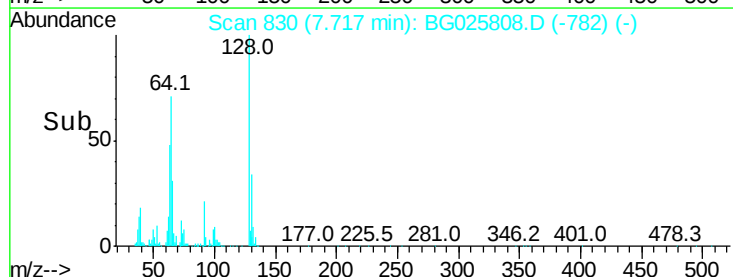
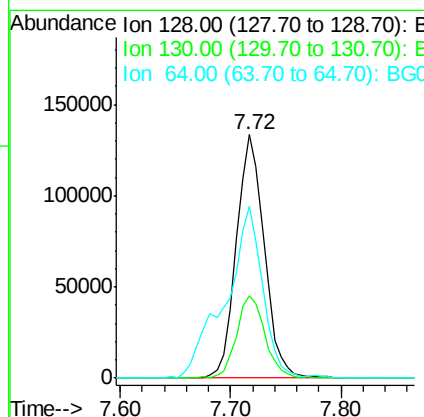
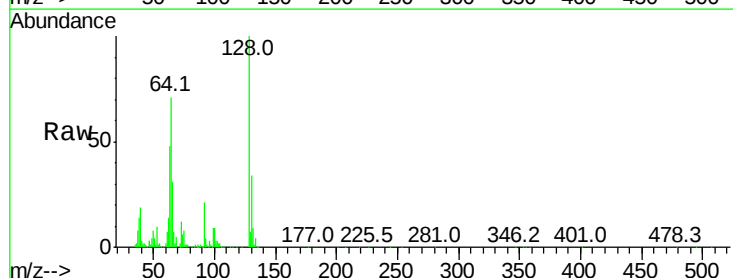
Tgt Ion: 128 Resp: 238094

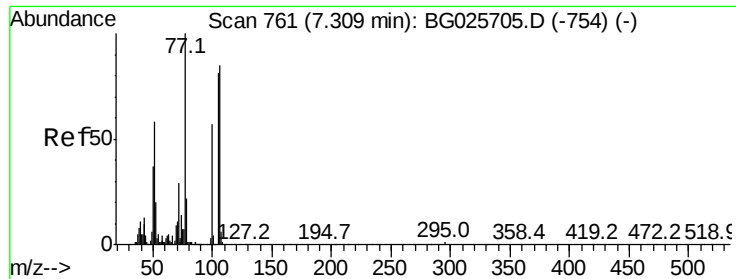
Ion Ratio Lower Upper

128 100

130 33.6 11.4 51.4

64 70.9 46.6 86.6





#9

Benzaldehyde

Concen: 26.06 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

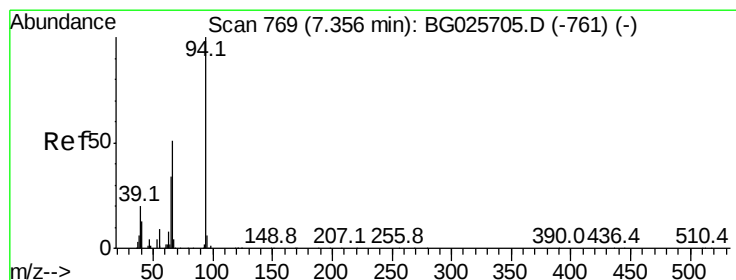
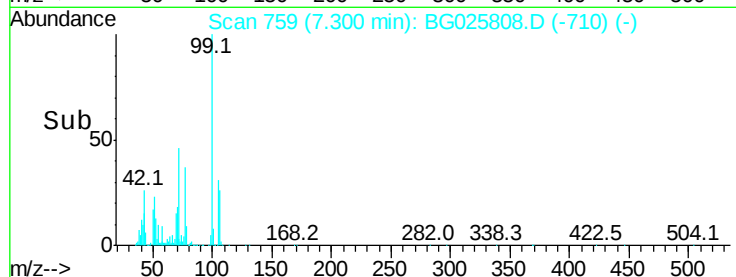
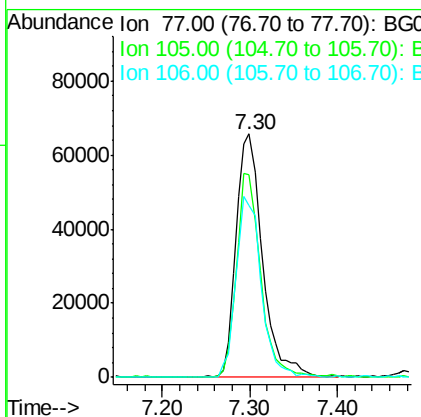
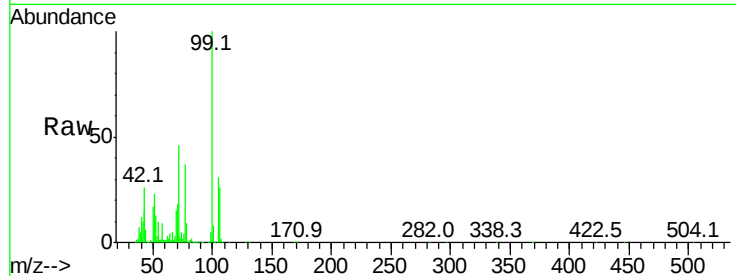
ClientSampleId :

PB96733BS

Tot Ion:	77	Resp:	134124
Ion Ratio	Lower	Upper	
77	100		
105	83.1	60.9	100.9
106	70.7	55.1	95.1

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#10

Phenol

Concen: 52.60 ng

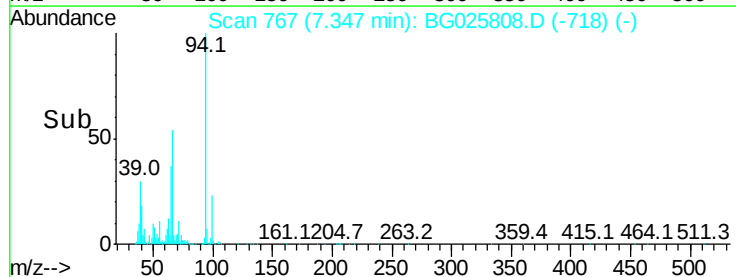
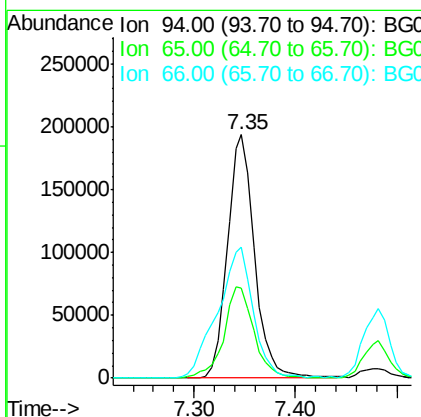
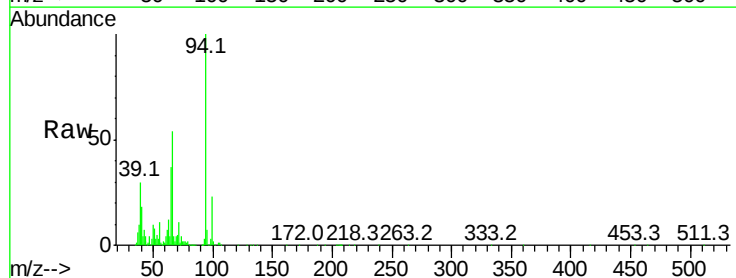
RT: 7.35 min Scan# 767

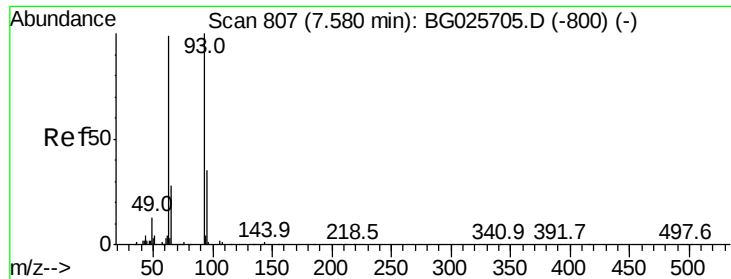
Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	94	Resp:	358679
Ion Ratio	Lower	Upper	
94	100		
65	36.8	20.6	60.6
66	54.0	35.5	75.5





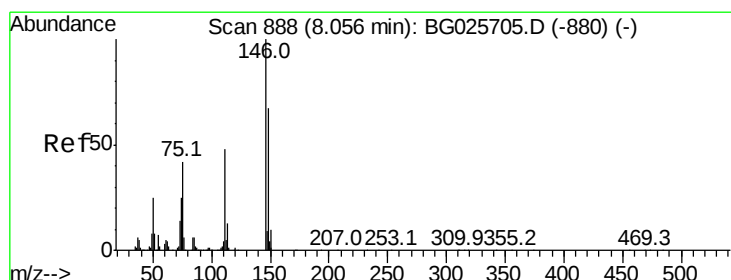
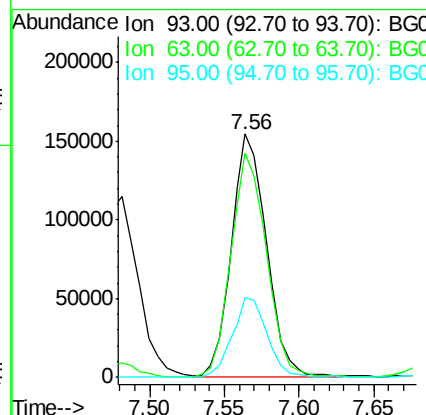
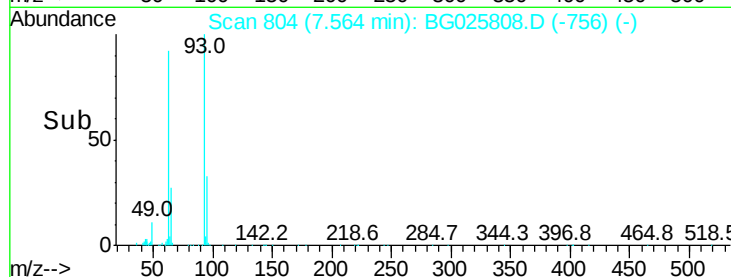
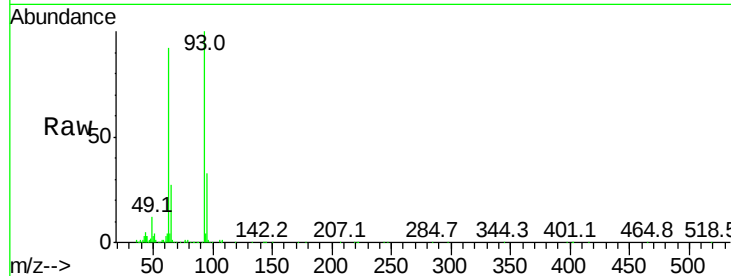
#11
bis(2-Chloroethyl)ether
Concen: 46.95 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	253152		
63	92.1	78.5	118.5	
95	32.6	9.8	49.8	

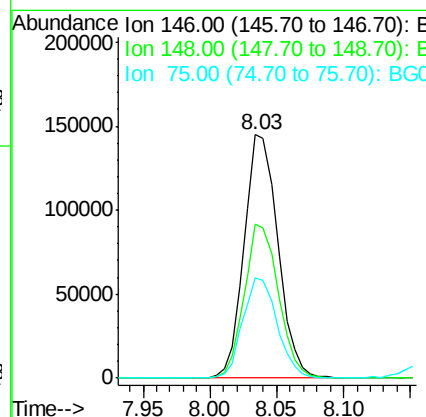
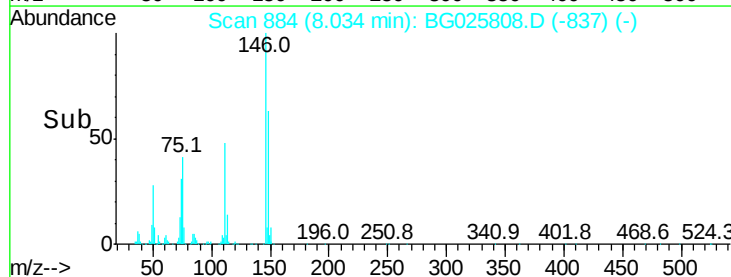
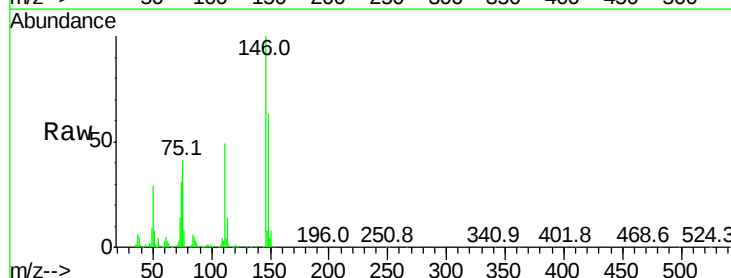
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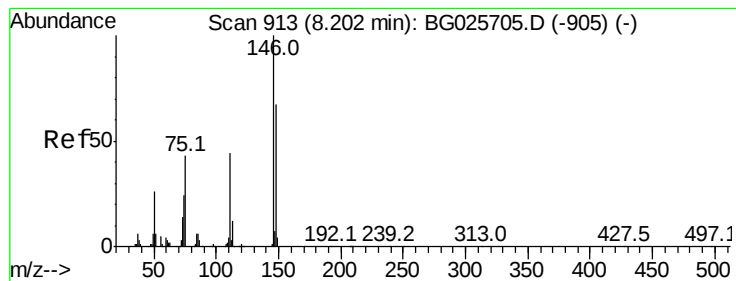
mohammad
2/7/2017 3:15:49 PM



#12
1,3-Dichlorobenzene
Concen: 43.94 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	253365		
148	63.3	49.2	73.8	
75	41.4	33.4	50.2	





#13

1,4-Dichlorobenzene

Concen: 43.71 ng

RT: 8.19 min Scan# 910

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

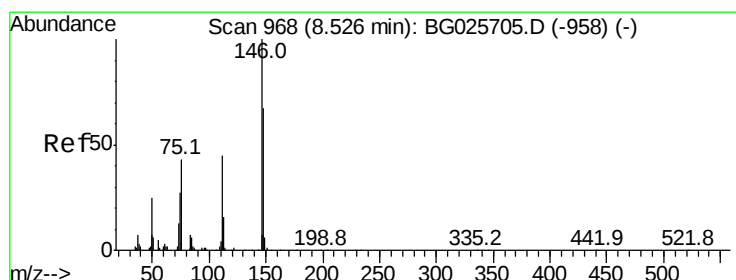
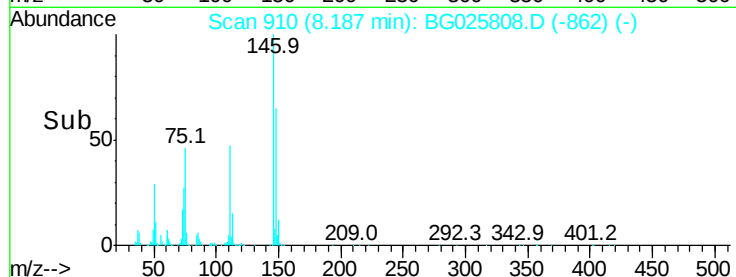
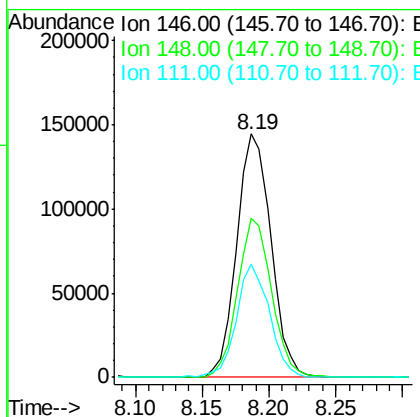
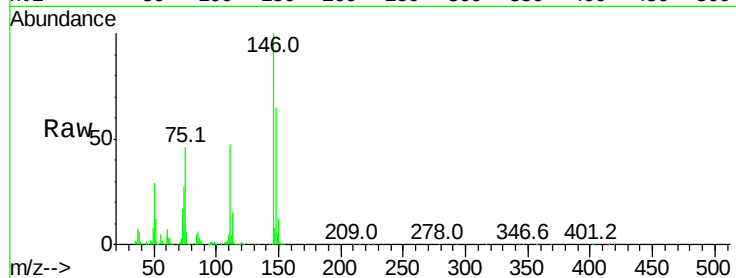
ClientSampleId :

PB96733BS

Tot Ion:	146	Resp:	256262
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.2	78.2
111	46.6	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 45.09 ng

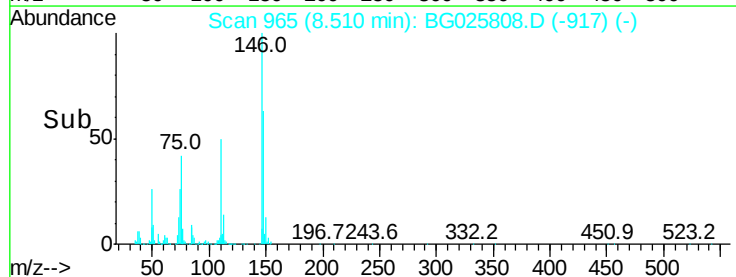
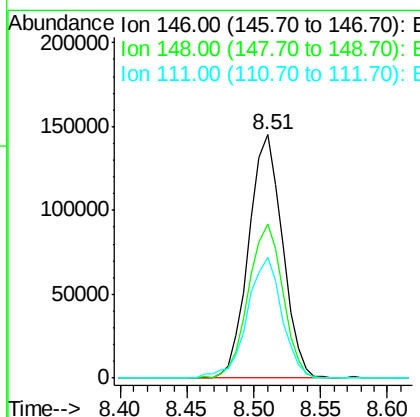
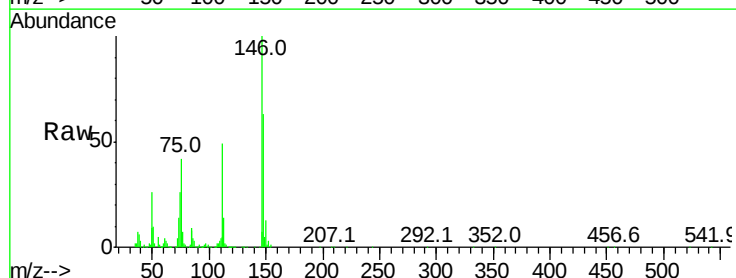
RT: 8.51 min Scan# 965

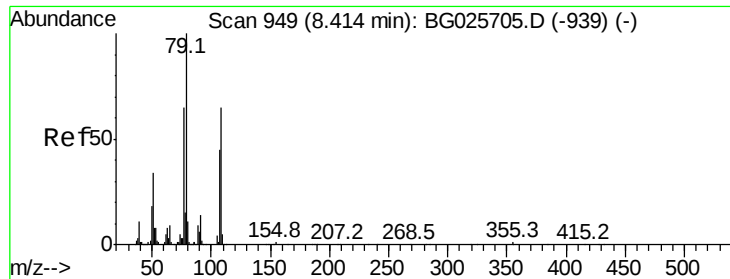
Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	146	Resp:	253282
Ion Ratio	Lower	Upper	
146	100		
148	63.1	54.6	81.8
111	49.4	39.7	59.5





#15

Benzyl Alcohol

Concen: 54.13 ng

RT: 8.40 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

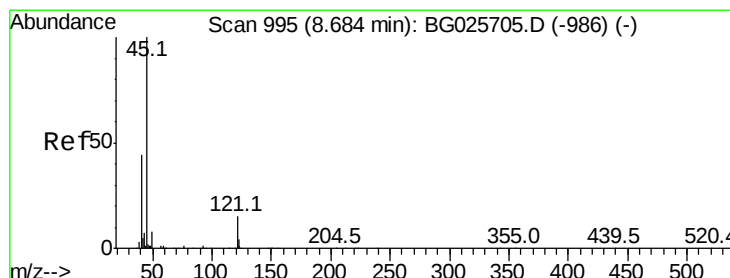
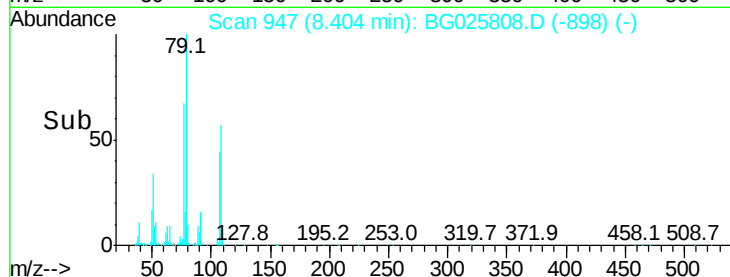
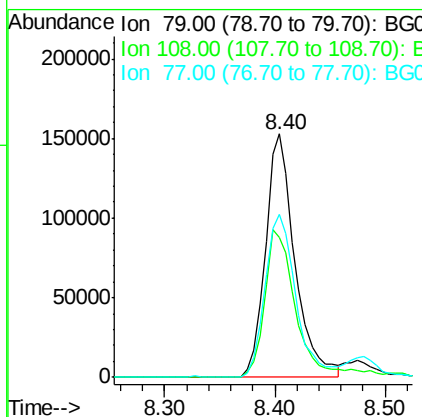
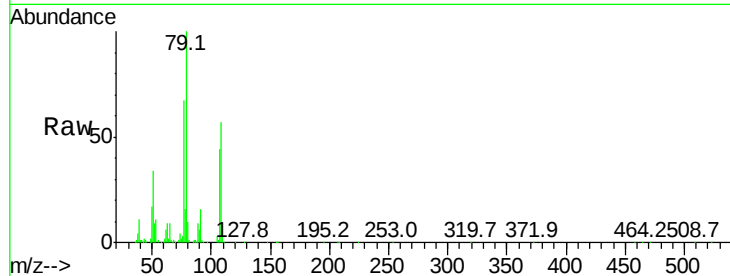
ClientSampleId :

PB96733BS

Tot Ion:	79	Resp:	283985
Ion Ratio	Lower	Upper	
79	100		
108	57.4	45.5	68.3
77	66.8	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.85 ng

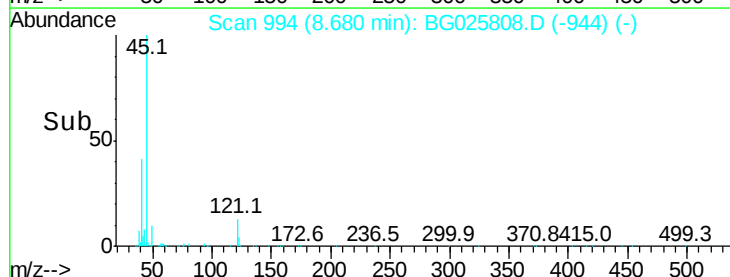
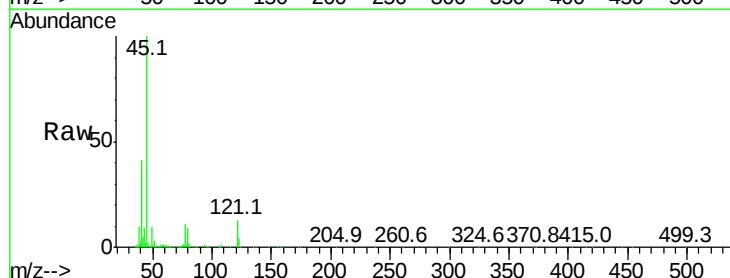
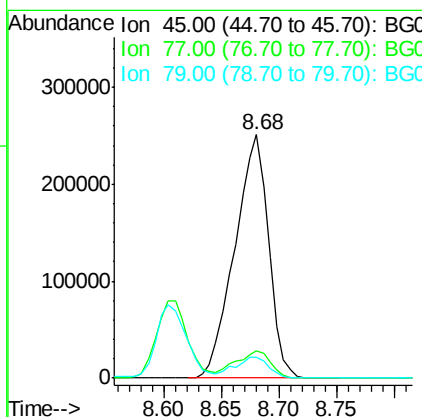
RT: 8.68 min Scan# 994

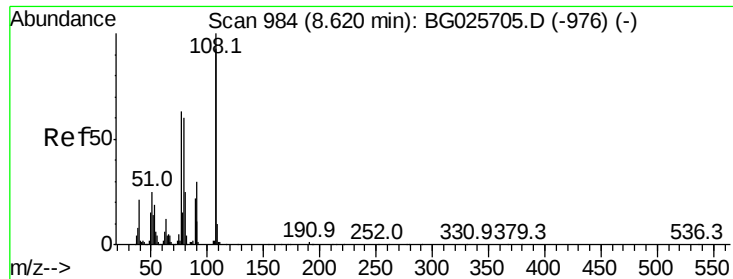
Delta R.T. -0.00 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	45	Resp:	510055
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.6
79	8.6	0.0	28.5





#17

2-Methylphenol

Concen: 49.67 ng

RT: 8.60 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

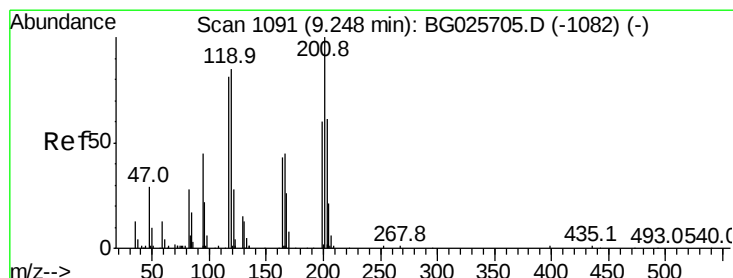
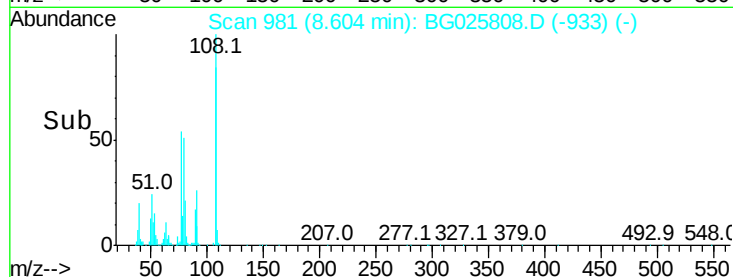
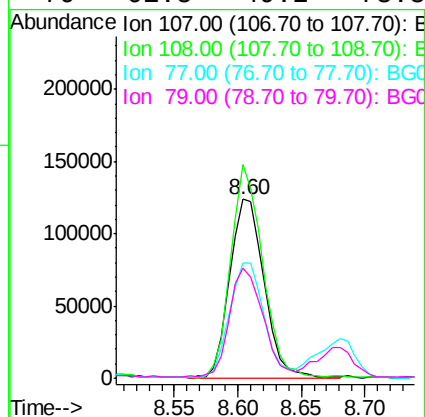
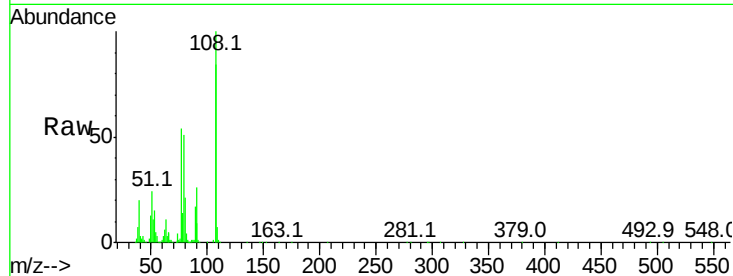
ClientSampleId :

PB96733BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	231345		
108	119.5	85.6	128.4	
77	64.2	51.4	77.2	
79	61.5	49.2	73.8	

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#18

Hexachloroethane

Concen: 43.69 ng

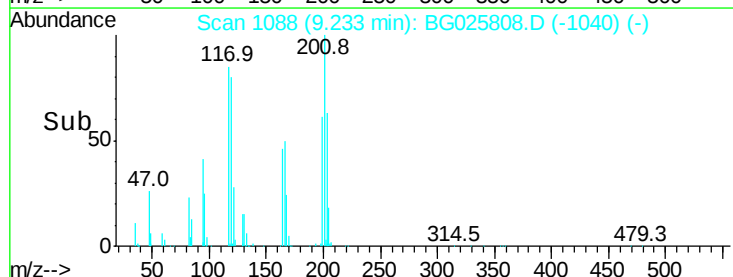
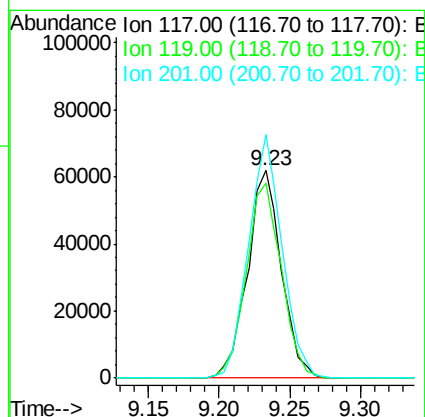
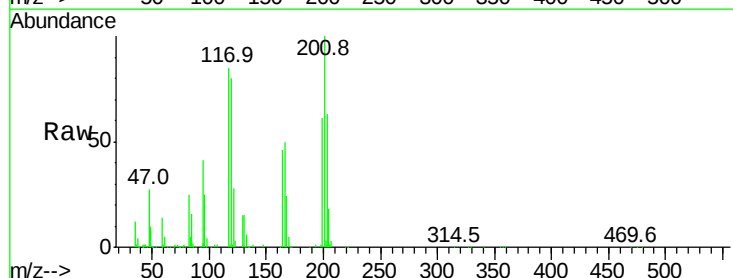
RT: 9.23 min Scan# 1088

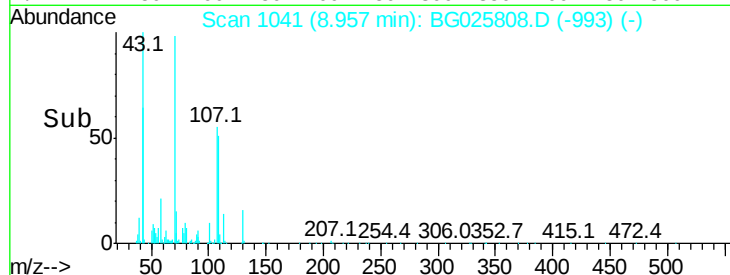
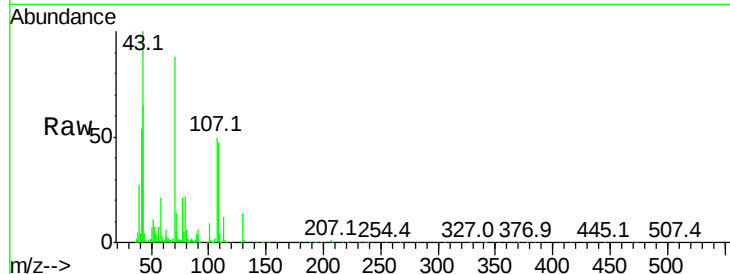
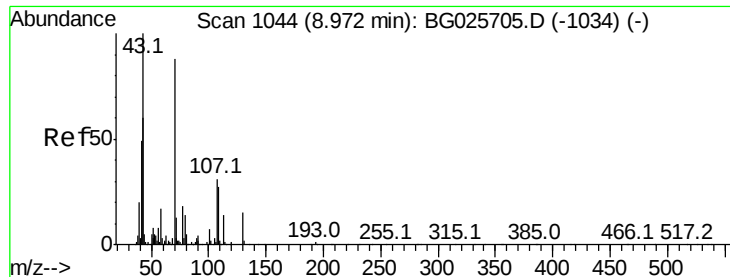
Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104316		
119	94.0	69.8	104.6	
201	117.2	95.4	143.0	





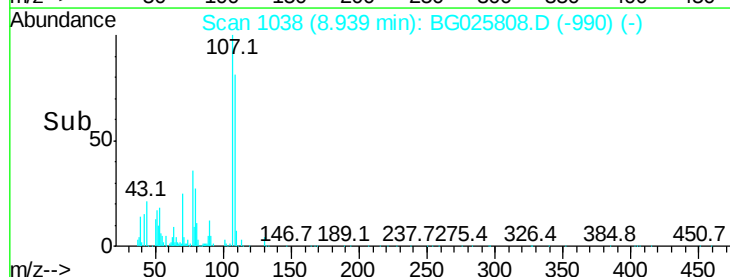
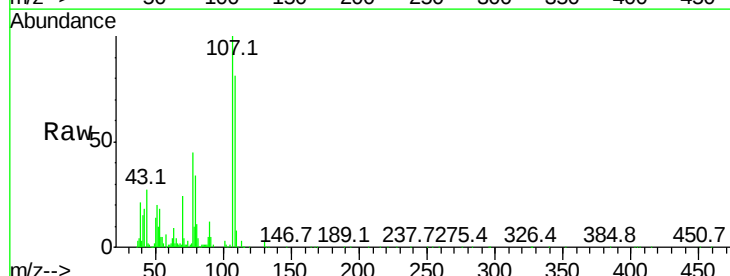
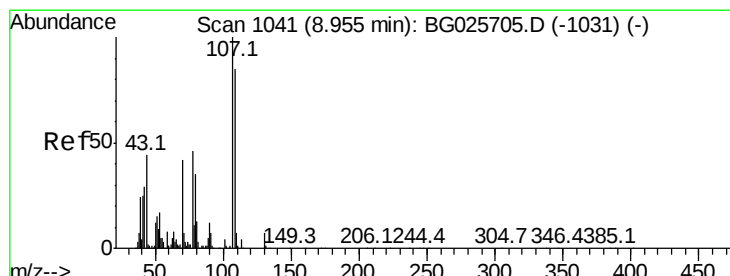
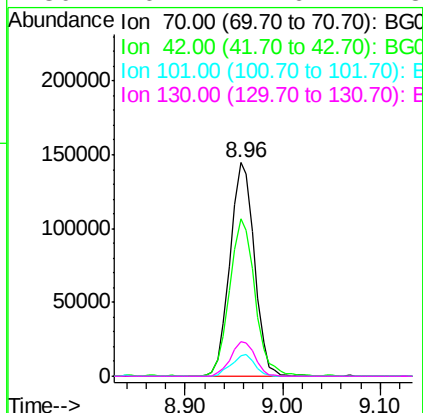
#19
n-Nitroso-di-n-propylamine
Concen: 46.83 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.8	56.1	84.1
101	9.9	7.5	11.3
130	16.4	14.6	21.8

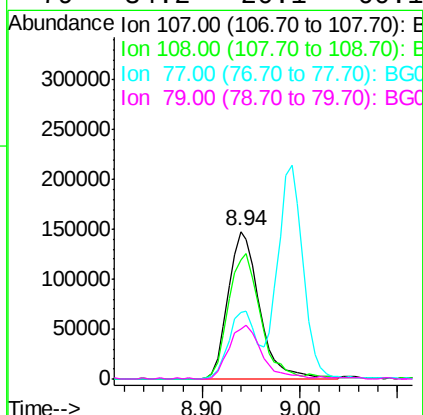
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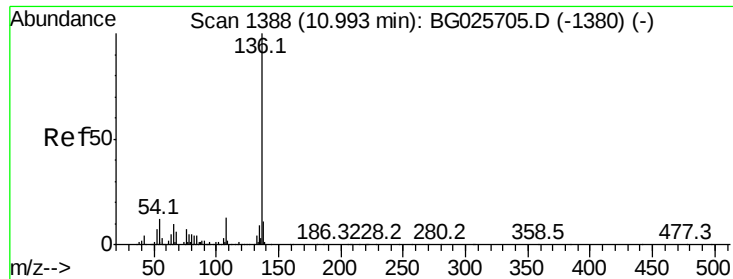
mohammad
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#20
3+4-Methylphenols
Concen: 52.11 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.8	70.8	110.8
77	45.2	25.8	65.8
79	34.2	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

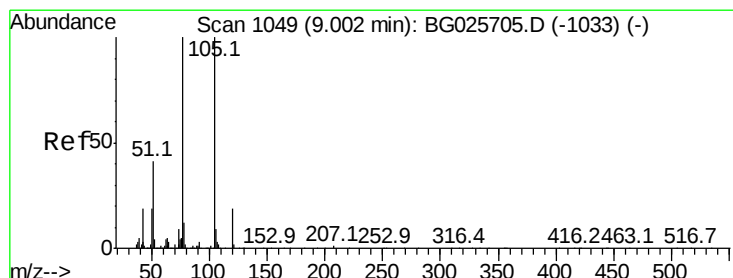
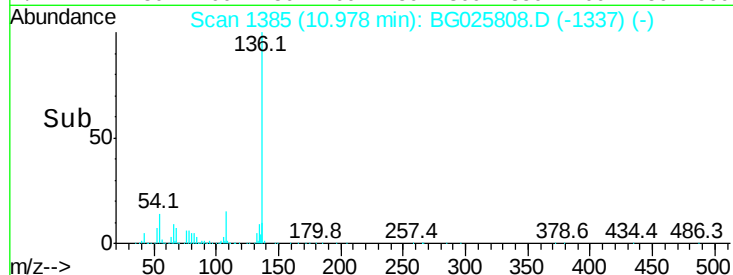
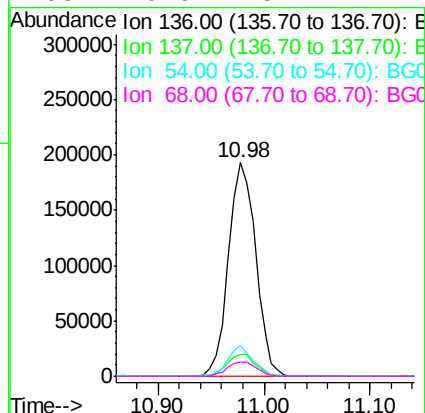
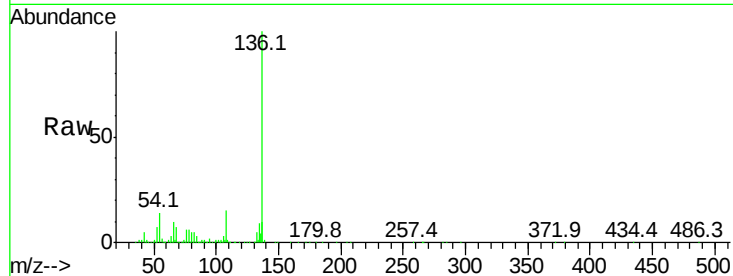
ClientSampleId :

PB96733BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.9	13.3	
54	14.3	9.3	13.9	
68	6.6	5.1	7.7	

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#22

Acetophenone

Concen: 42.04 ng

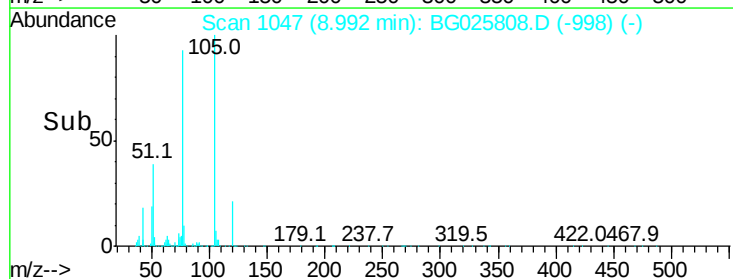
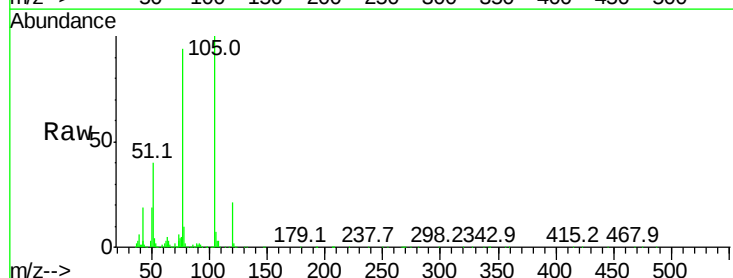
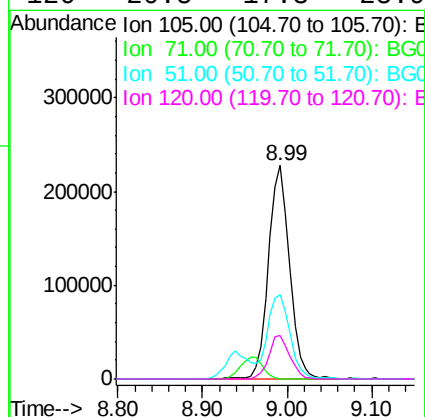
RT: 8.99 min Scan# 1047

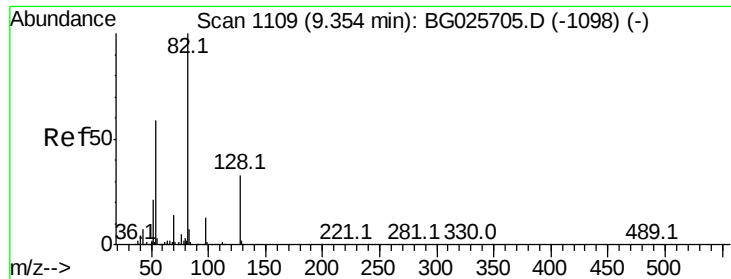
Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.9	1.3	
51	39.6	34.0	51.0	
120	20.5	17.3	25.9	





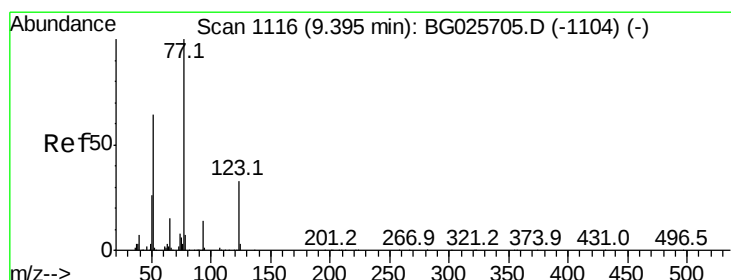
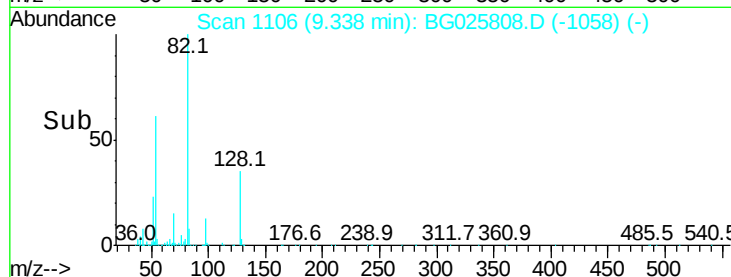
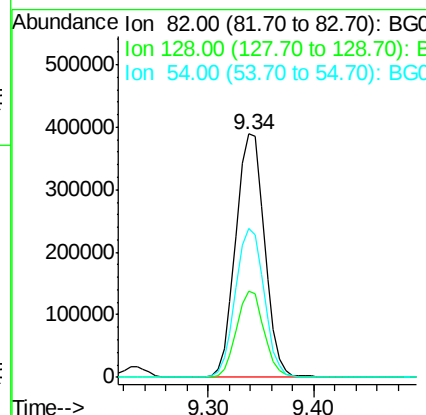
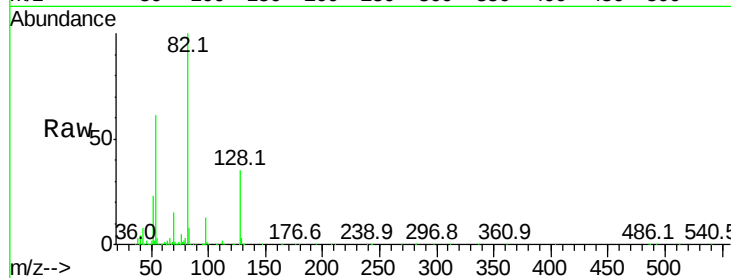
#23
 Nitrobenzene-d5
 Concen: 90.71 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Instrument :
 BNA_G
 ClientSampled :
 PB96733BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.4	39.6
54	61.0	49.4	74.2

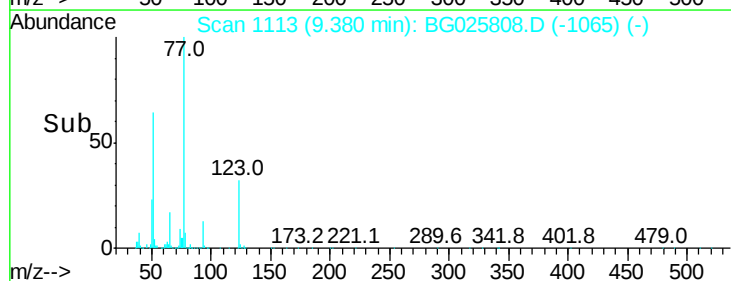
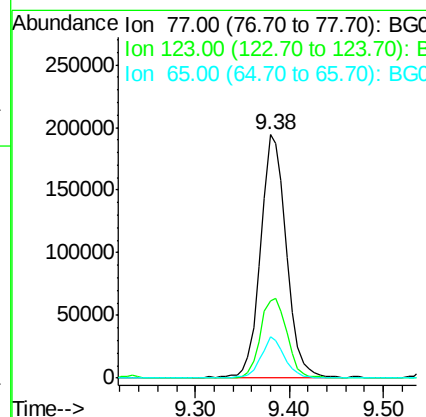
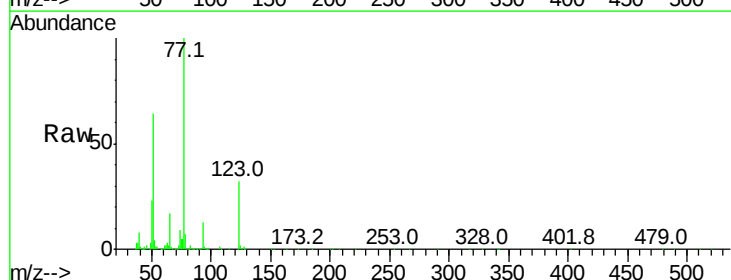
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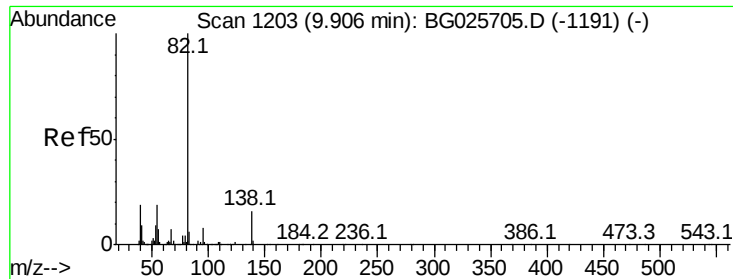
mohammad
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#24
 Nitrobenzene
 Concen: 41.38 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.9	26.1	39.1
65	16.9	12.4	18.6





#25

Isophorone

Concen: 42.45 ng

RT: 9.90 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

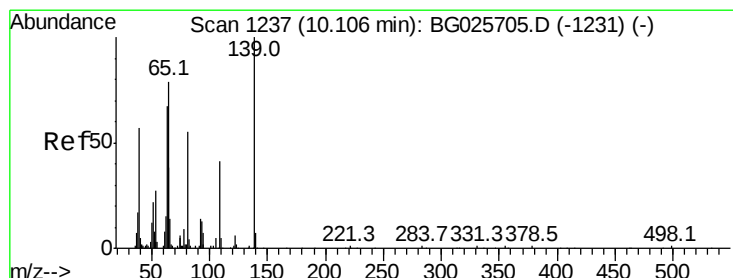
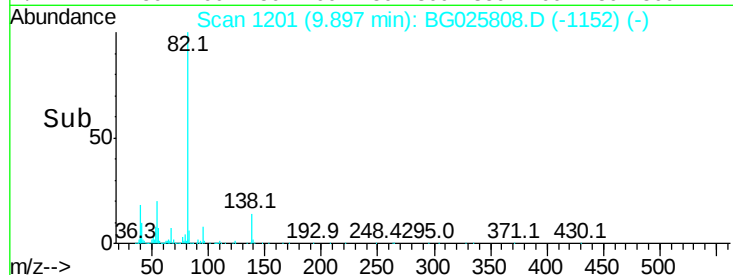
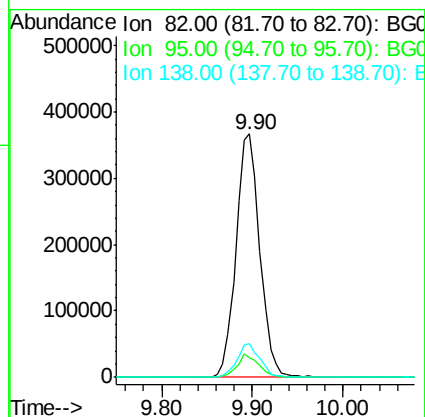
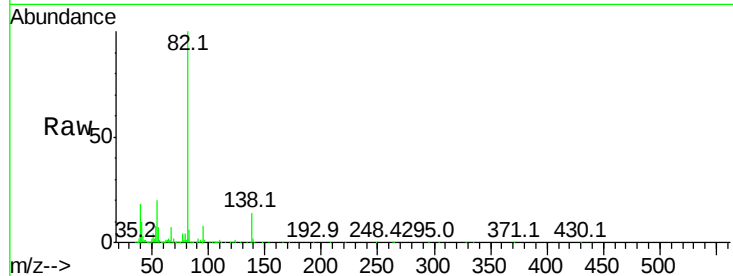
ClientSampleId :

PB96733BS

Tot Ion:	82	Resp:	671767
Ion Ratio		Lower	Upper
82	100		
95	8.0	7.5	11.3
138	13.9	12.3	18.5

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#26

2-Nitrophenol

Concen: 46.29 ng

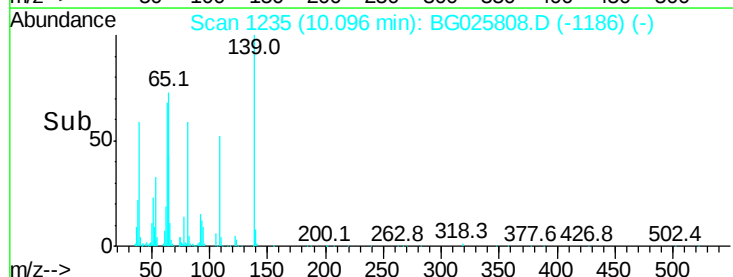
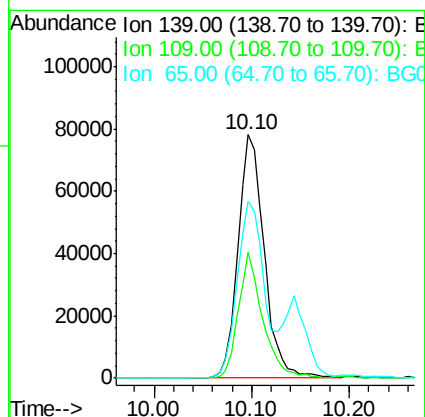
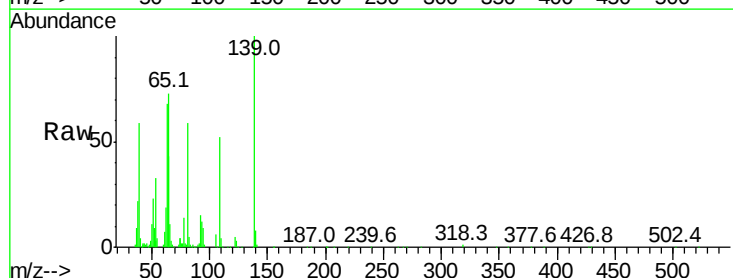
RT: 10.10 min Scan# 1235

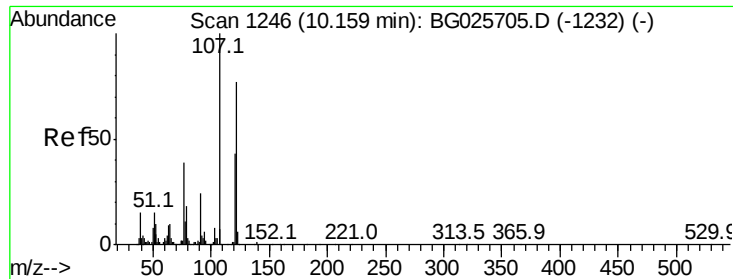
Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	139	Resp:	145446
Ion Ratio		Lower	Upper
139	100		
109	51.9	38.6	58.0
65	72.7	57.1	85.7





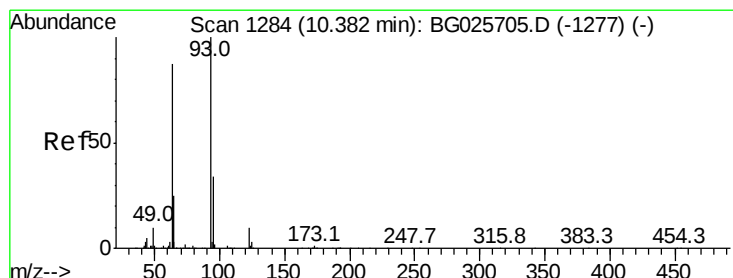
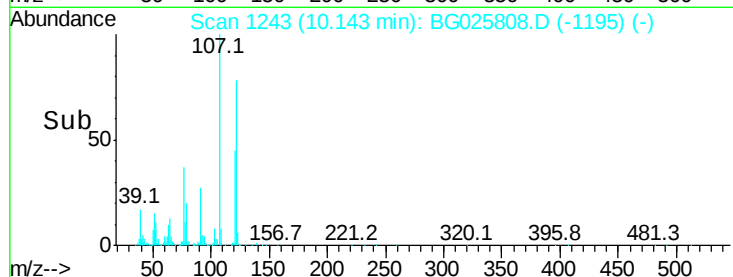
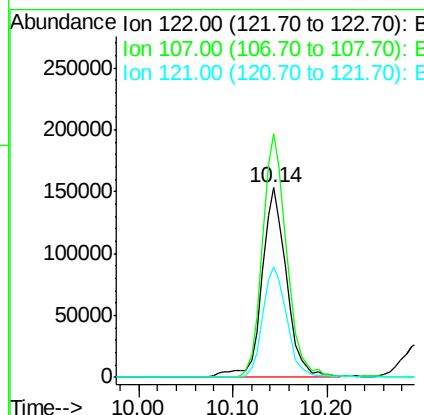
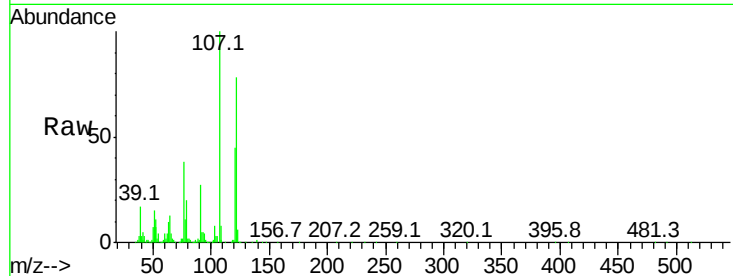
#27
2,4-Dimethylphenol
Concen: 50.62 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.6	104.2	156.4
121	58.4	46.0	69.0

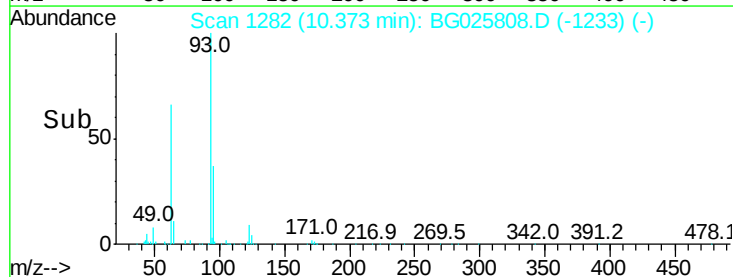
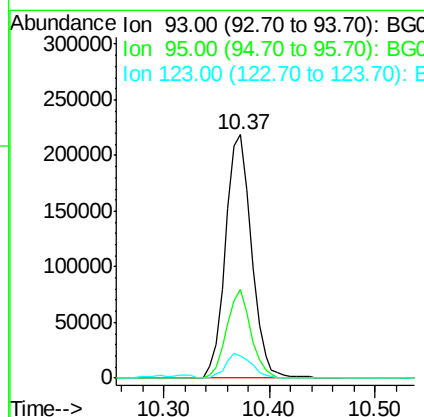
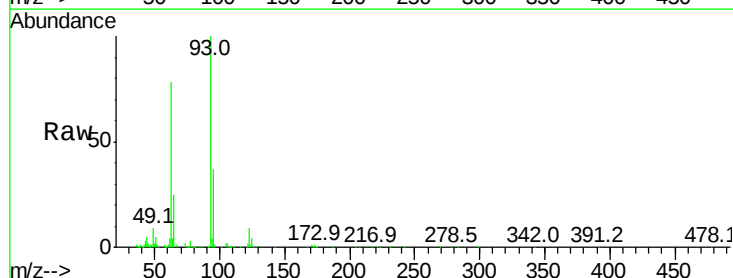
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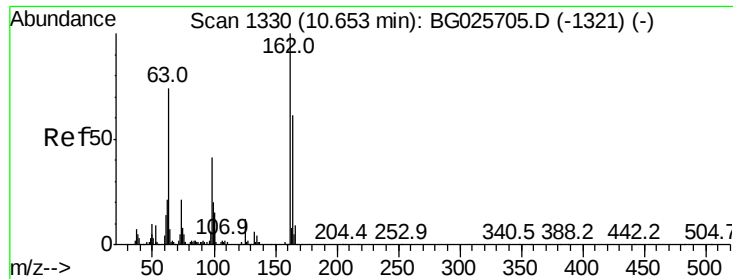
mohammad
2/7/2017 3:15:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.56 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.6	25.7	38.5
123	9.3	8.3	12.5





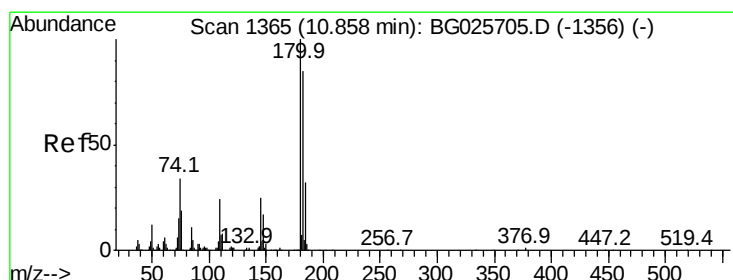
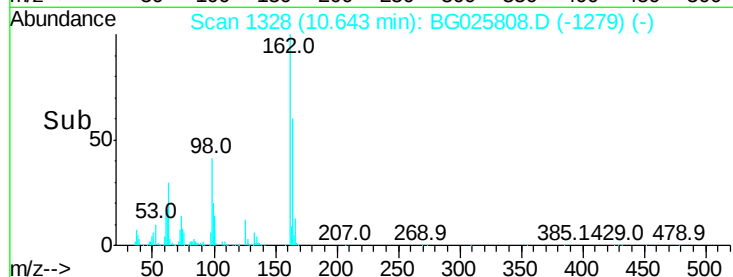
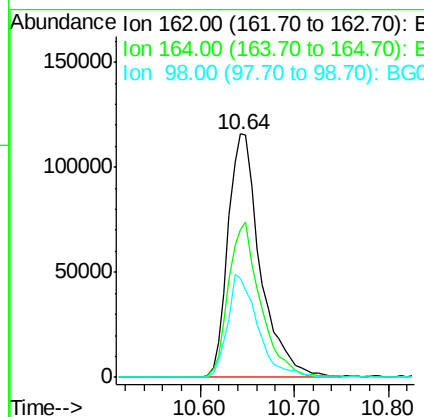
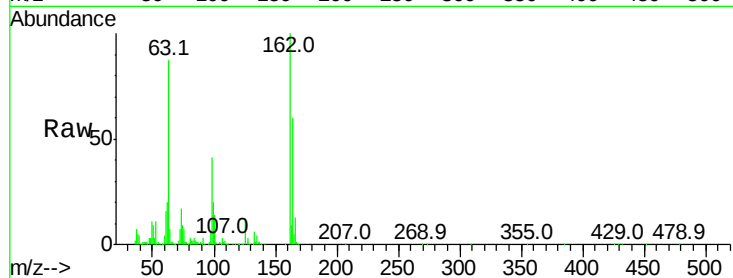
#29
2,4-Dichlorophenol
Concen: 49.17 ng
RT: 10.64 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	60.4	42.4	82.4
98	40.6	20.3	60.3

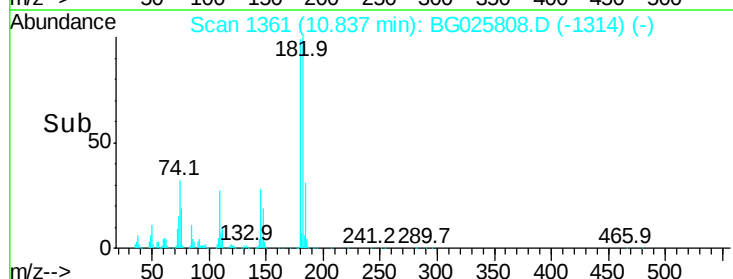
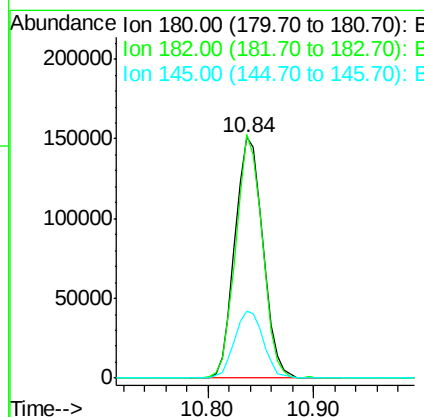
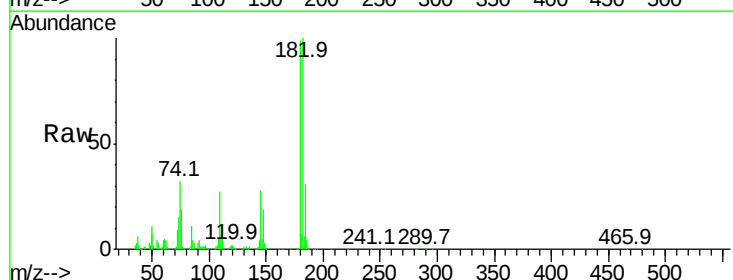
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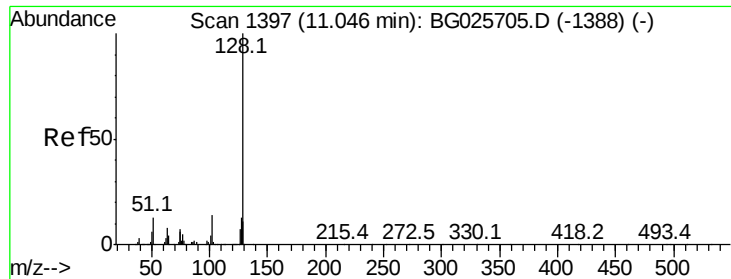
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.25 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	101.2	77.0	115.4
145	28.0	23.4	35.0





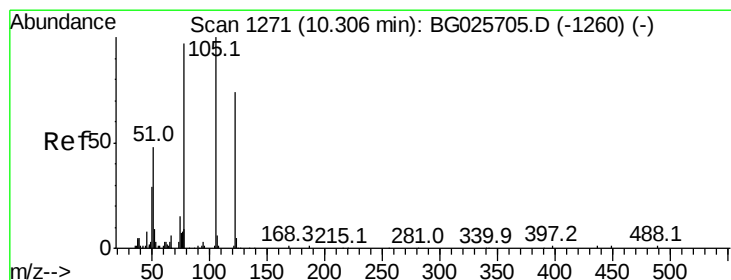
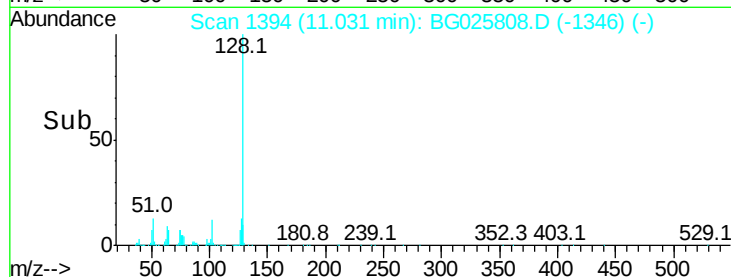
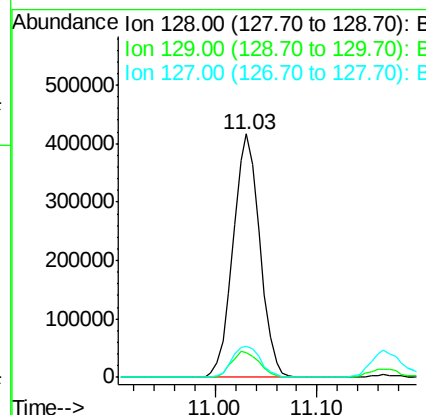
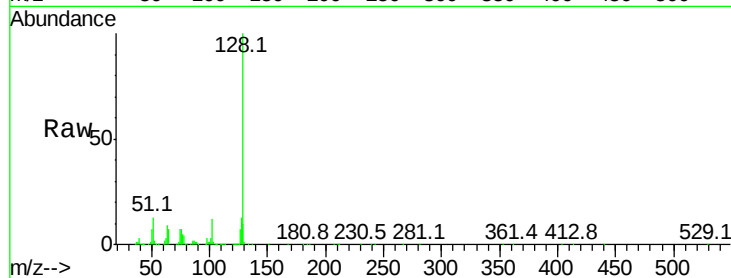
#31
Naphthalene
Concen: 42.54 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.3	13.9
127	12.7	11.4	17.0

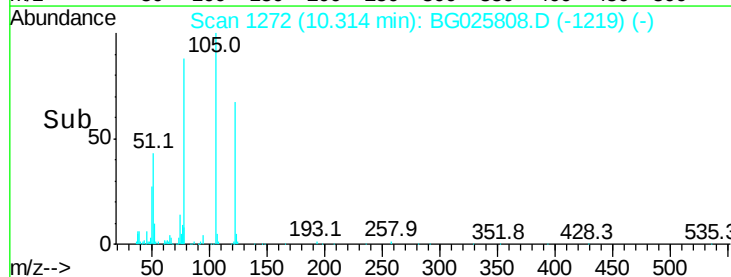
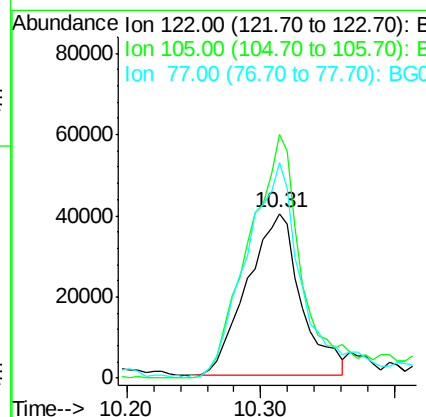
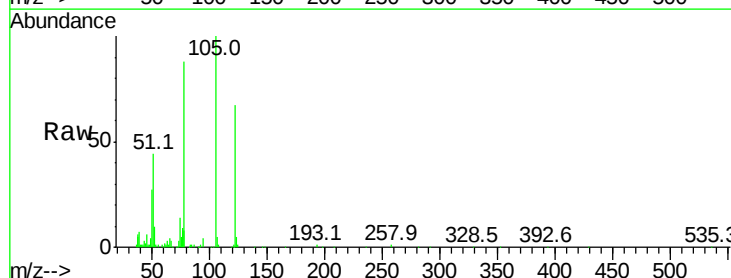
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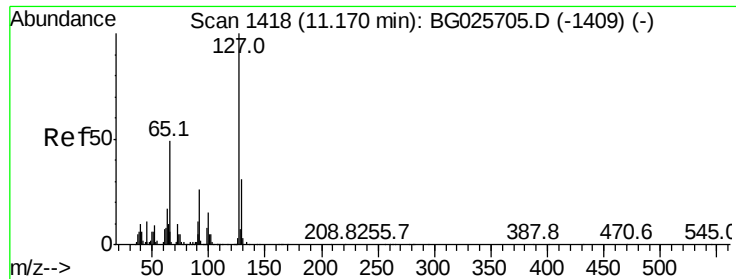
mohammad
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#32
Benzoic acid
Concen: 34.35 ng
RT: 10.31 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	148.2	120.1	160.1
77	131.2	104.6	144.6





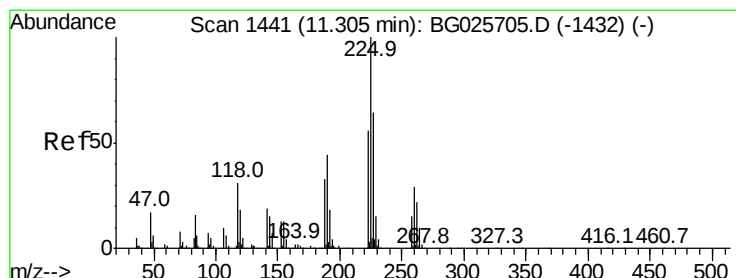
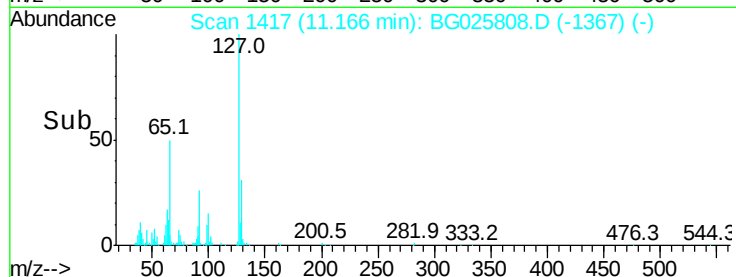
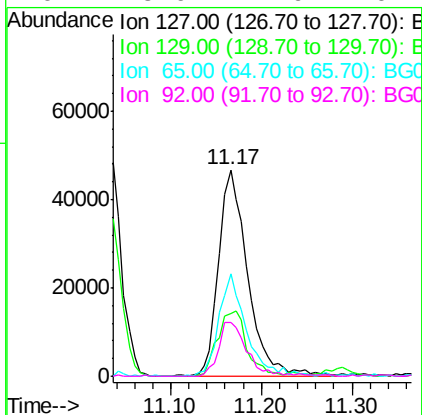
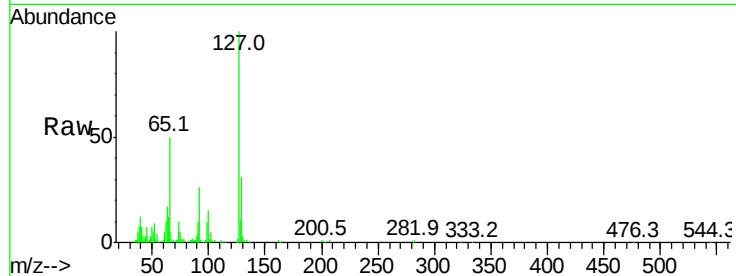
#33
4-Chloroaniline
Concen: 14.09 ng
RT: 11.17 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	23.6	35.4
65	49.7	37.7	56.5
92	25.9	17.6	26.4

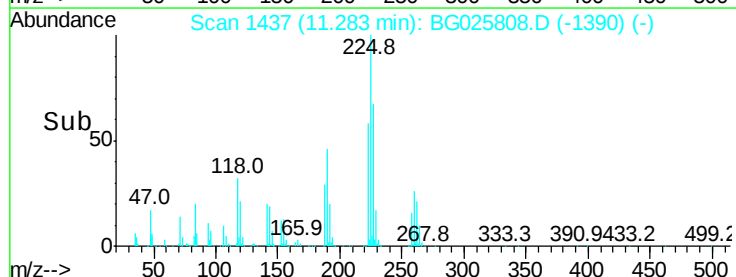
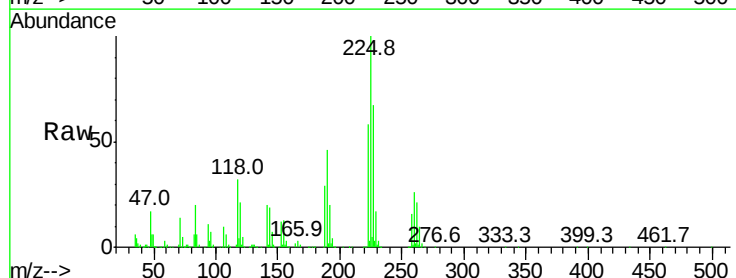
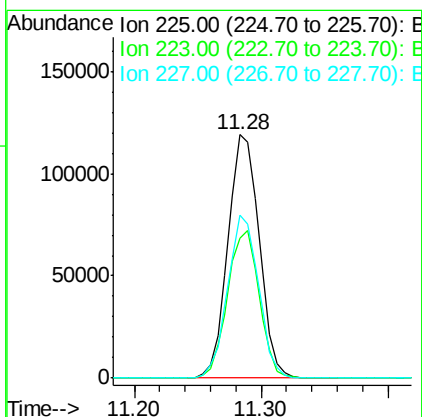
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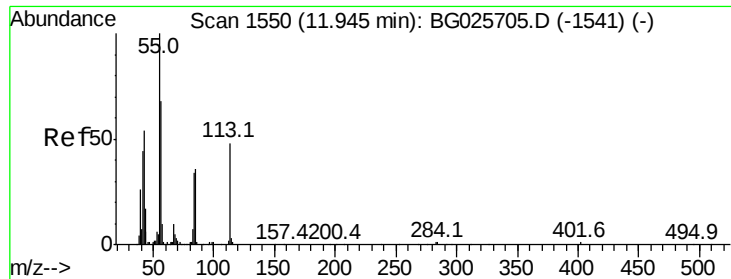
mohammad
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#34
Hexachlorobutadiene
Concen: 38.22 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.6	50.7	76.1
227	67.0	49.0	73.6





#35

Caprolactam

Concen: 46.19 ng/ml

RT: 11.94 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

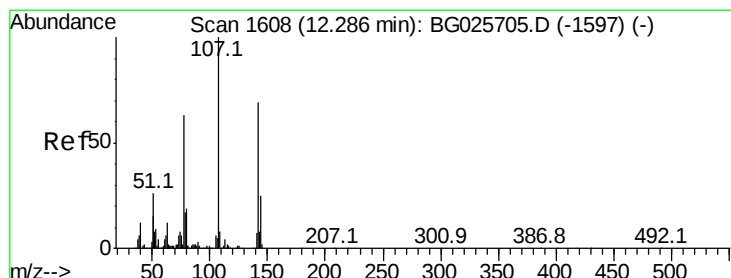
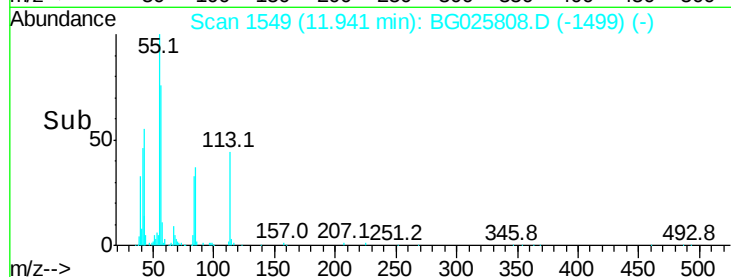
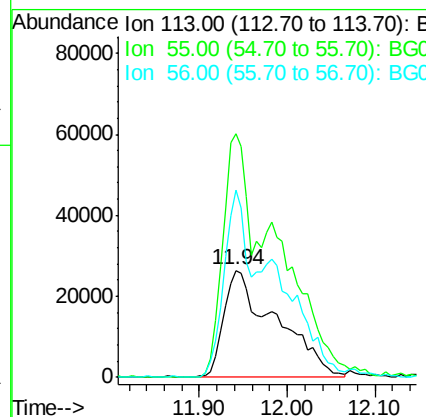
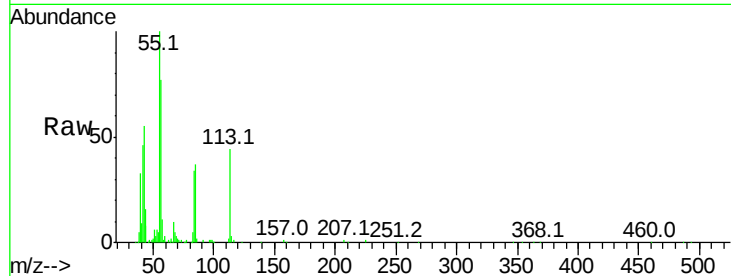
ClientSampleId :

PB96733BS

Tot Ion:	113	Resp:	110531
Ion Ratio	Lower	Upper	
113	100		
55	227.1	198.6	238.6
56	174.4	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 50.42 ng/ml

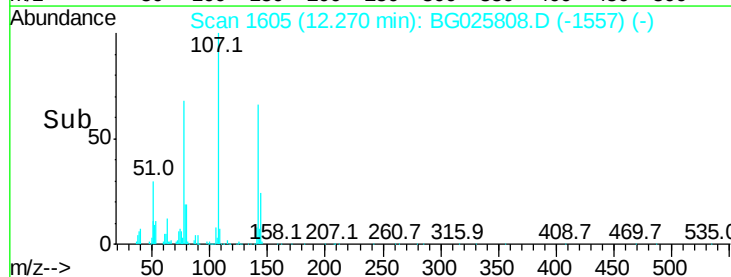
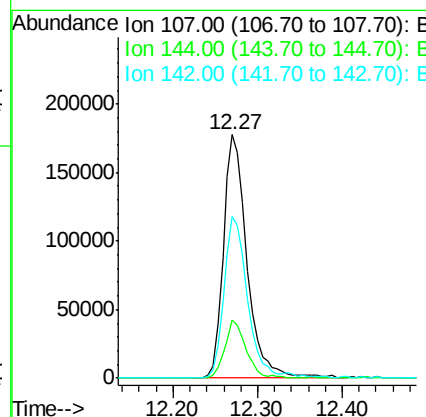
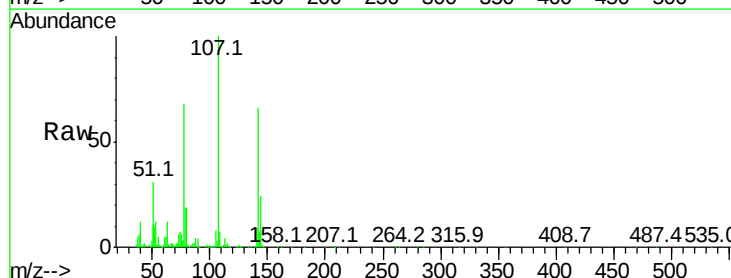
RT: 12.27 min Scan# 1605

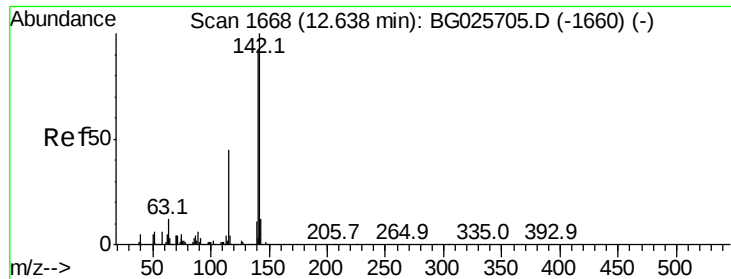
Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	107	Resp:	344956
Ion Ratio	Lower	Upper	
107	100		
144	23.7	17.4	26.0
142	66.5	54.1	81.1





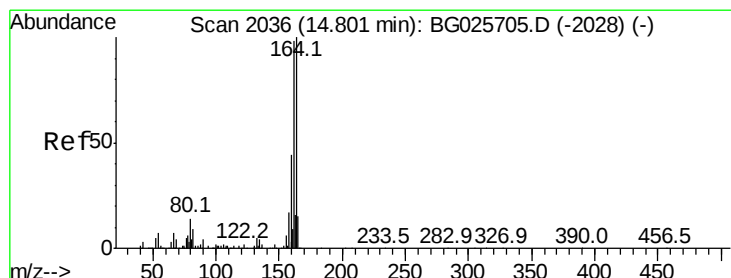
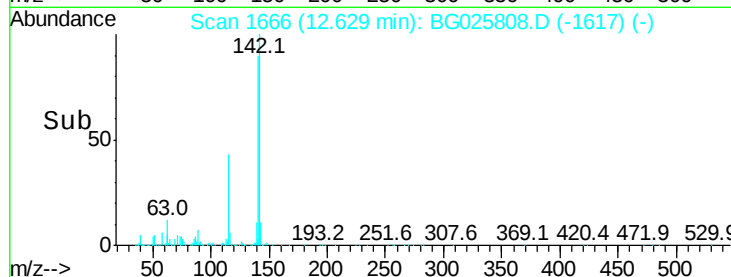
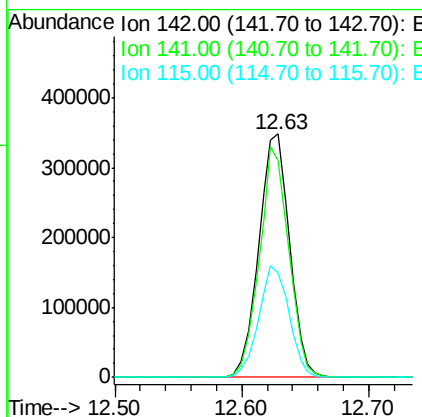
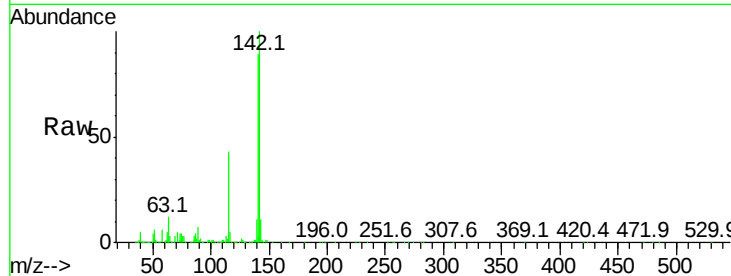
#37
2-Methylnaphthalene
Concen: 42.86 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	42.8	35.5	53.3

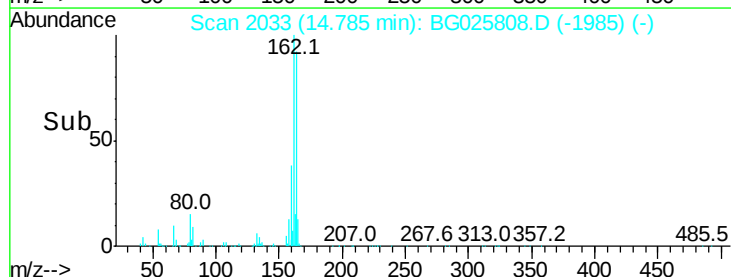
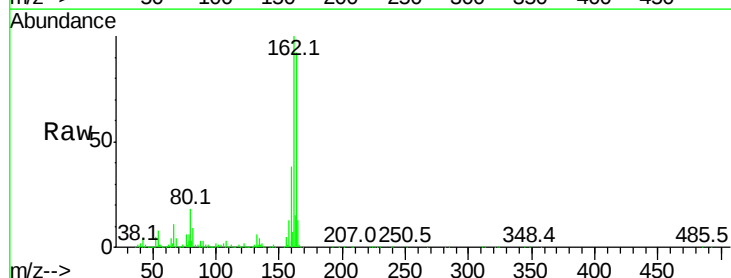
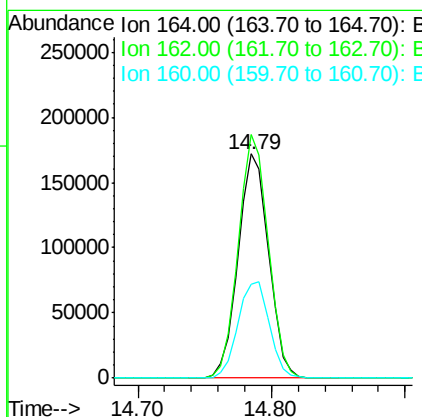
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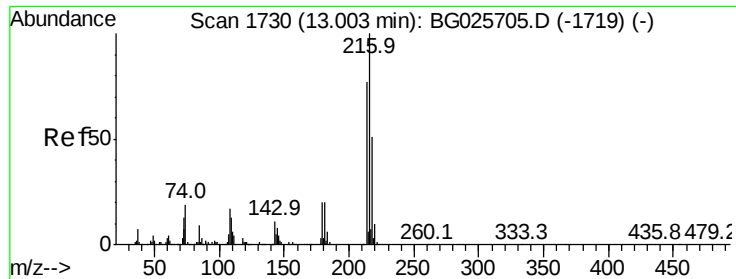
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	85.1	127.7
160	41.6	34.7	52.1





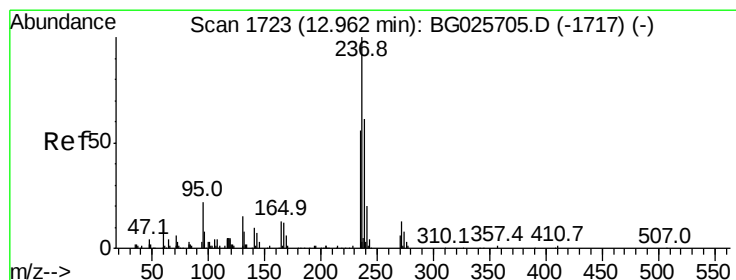
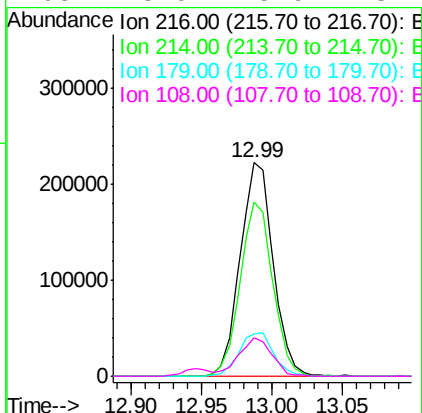
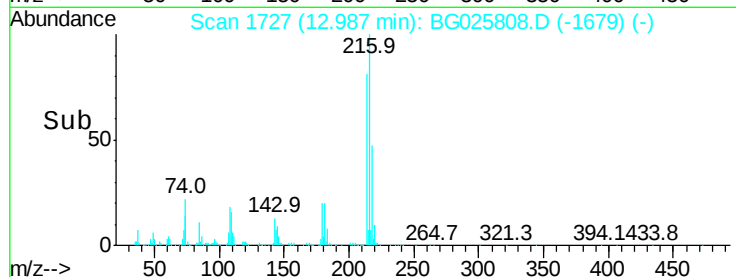
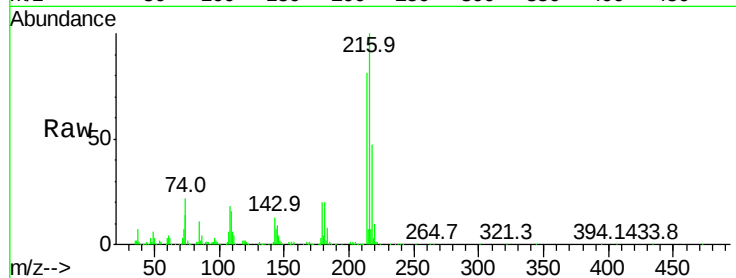
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.11 ng
RT: 12.99 min Scan# 1727
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	80.2	64.4	96.6
179	21.5	17.4	26.0
108	18.0	15.6	23.4

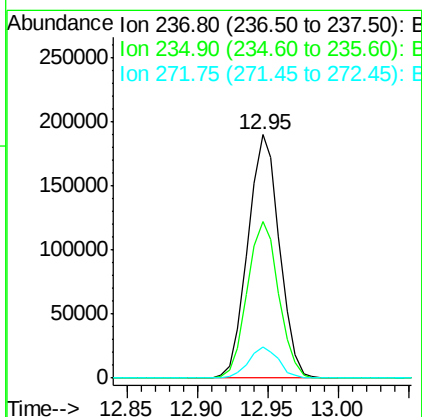
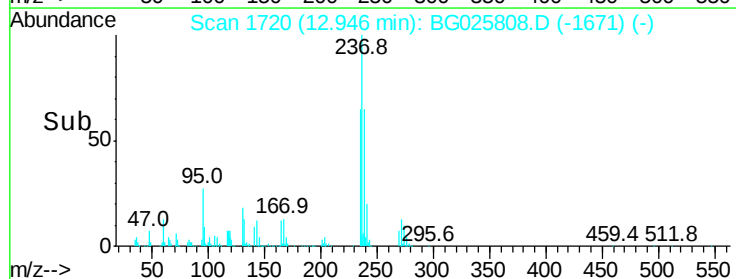
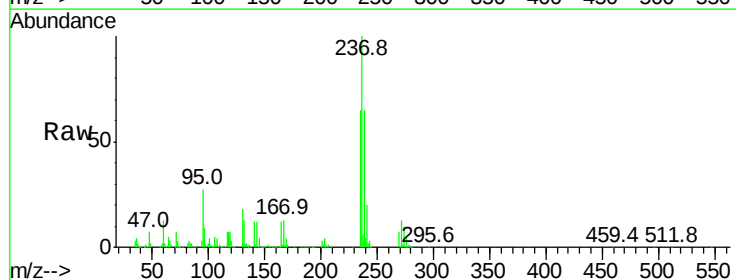
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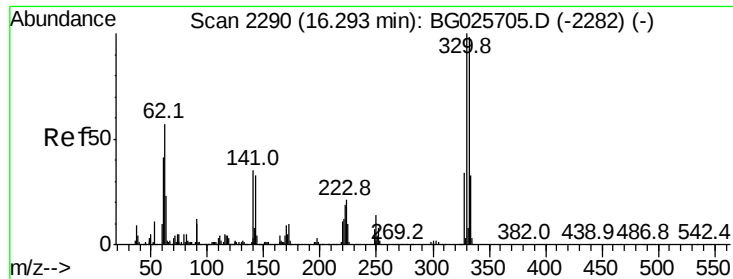
mohammad
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#40
Hexachlorocyclopentadiene
Concen: 84.70 ng
RT: 12.95 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.5	39.4	79.4
272	12.9	0.0	32.0





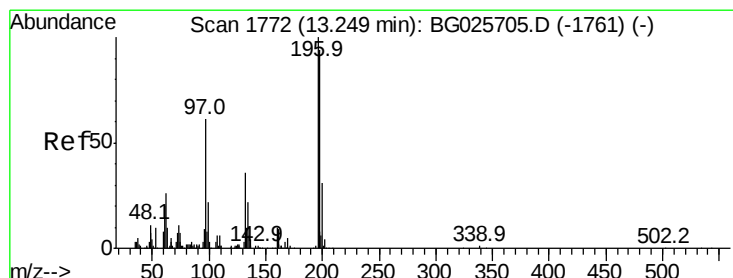
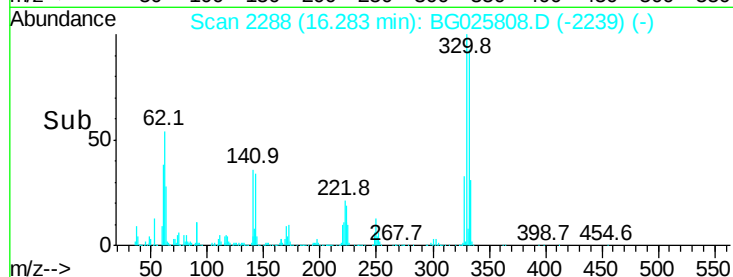
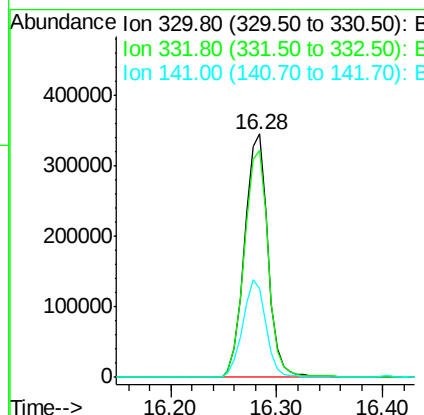
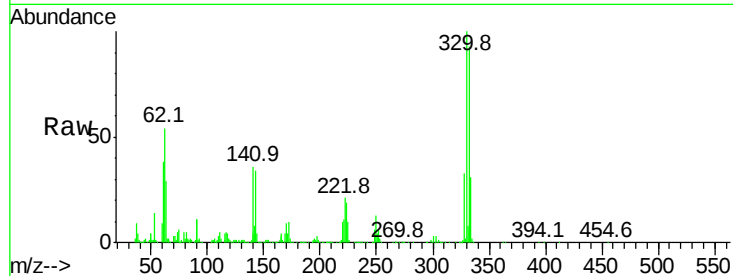
#41
2,4,6-Tribromophenol
Concen: 136.51 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.3	115.9	
141	39.9	32.1	48.1	

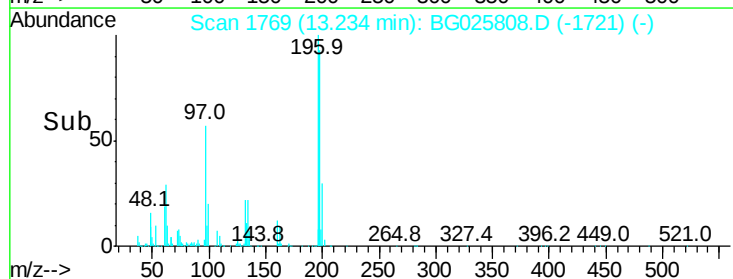
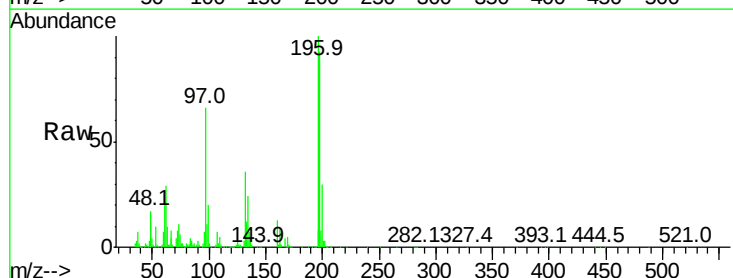
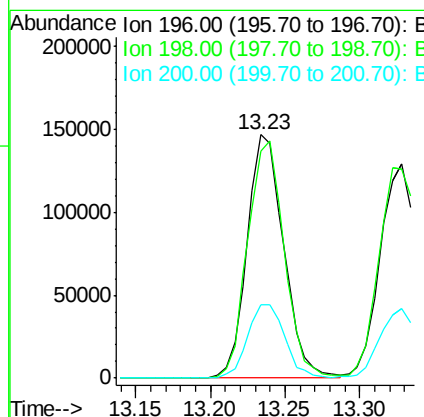
Manual Integrations
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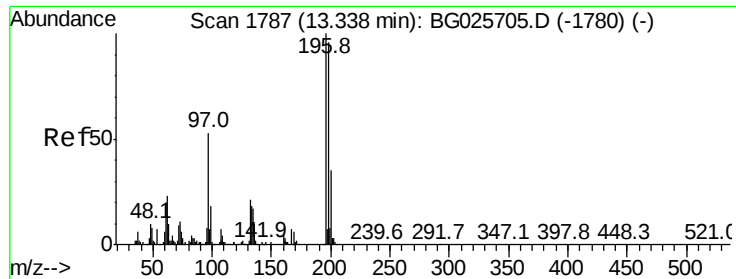
mohammad
2/7/2017 3:15:49 PM



#42
2,4,6-Trichlorophenol
Concen: 46.86 ng
RT: 13.23 min Scan# 1769
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.4	81.4	122.2	
200	30.0	27.0	40.6	





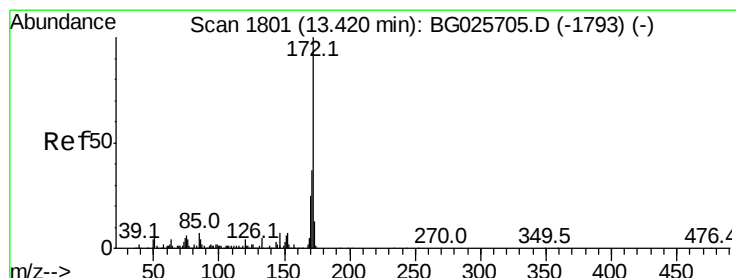
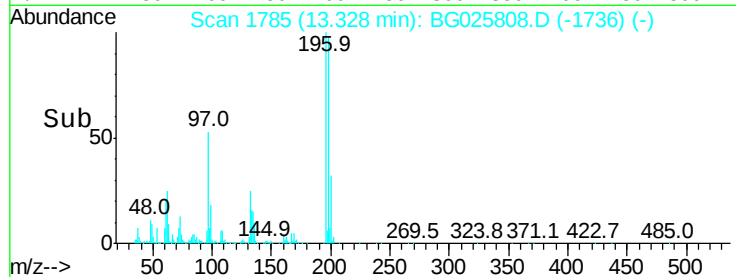
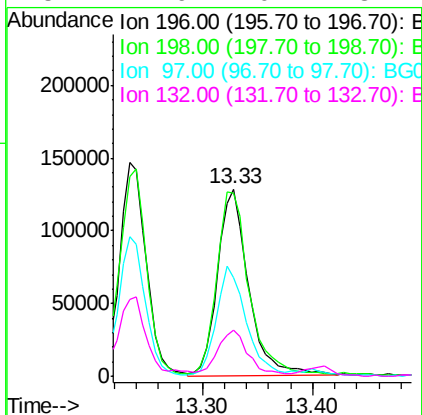
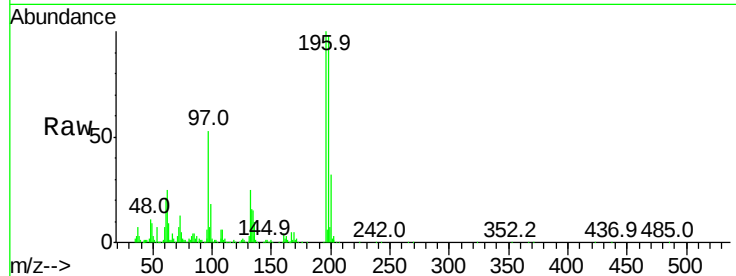
#43
 2,4,5-Trichlorophenol
 Concen: 44.04 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Instrument :
 BNA_G
 ClientSampleId :
 PB96733BS

Tot Ion:	196	Resp:	251919
Ion Ratio	Lower	Upper	
196	100		
198	98.0	79.9	119.9
97	52.6	45.4	68.0
132	24.6	20.7	31.1

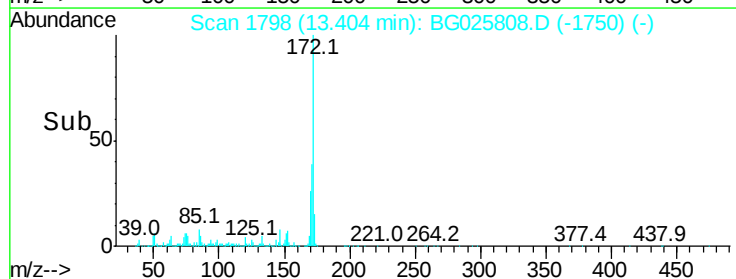
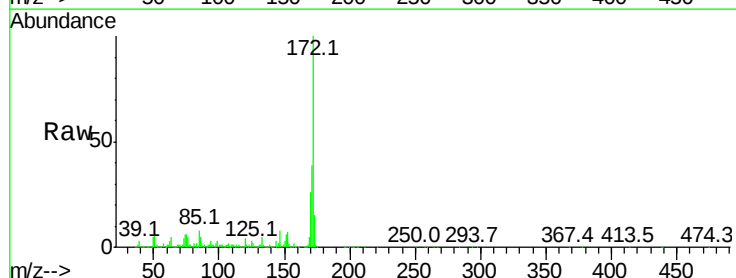
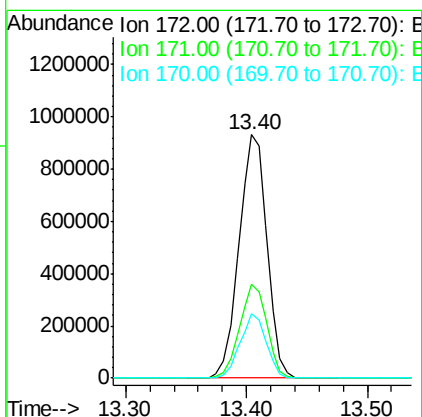
Manual Integrations
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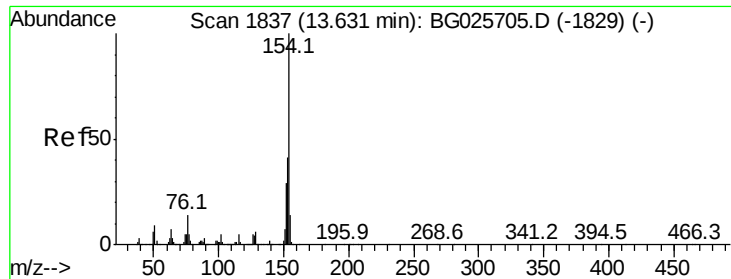
mohammad
 2/7/2017 3:15:49 PM



#44
 2-Fluorobiphenyl
 Concen: 90.17 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Tgt Ion:	172	Resp:	1500658
Ion Ratio	Lower	Upper	
172	100		
171	38.8	32.2	48.2
170	26.3	21.8	32.6





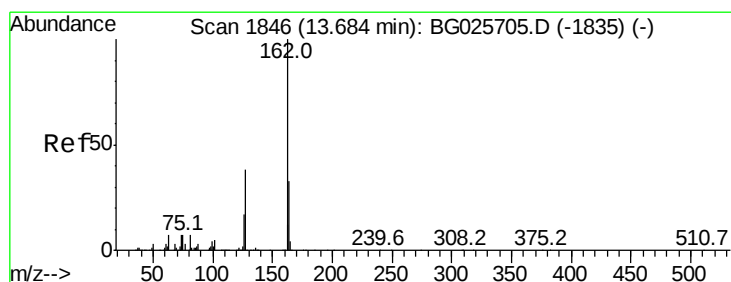
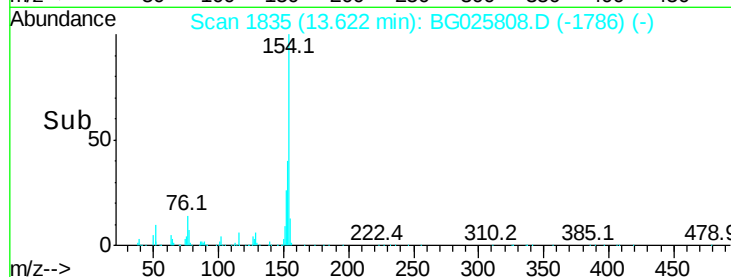
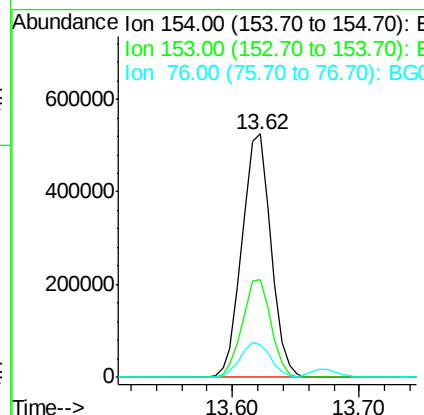
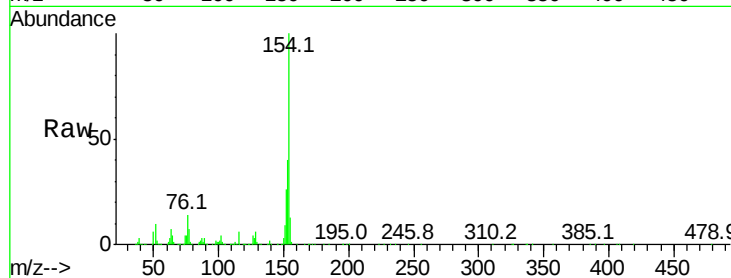
#45
1,1'-Biphenyl
Concen: 44.11 ng
RT: 13.62 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.0	23.0	63.0	
76	13.6	0.0	33.5	

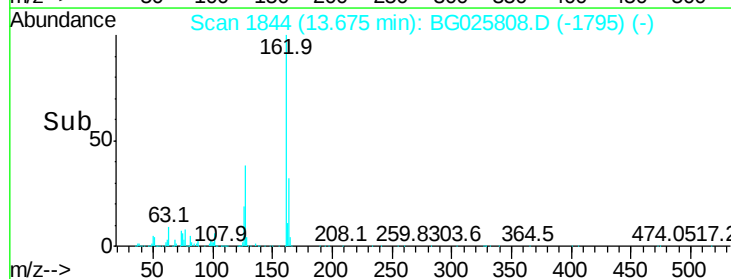
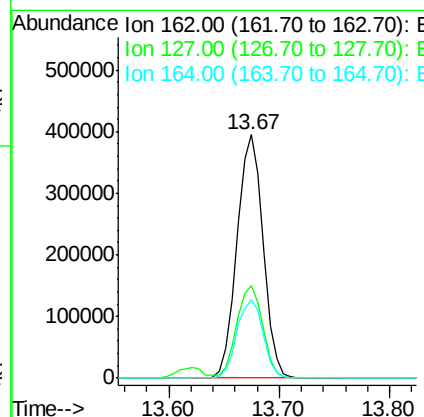
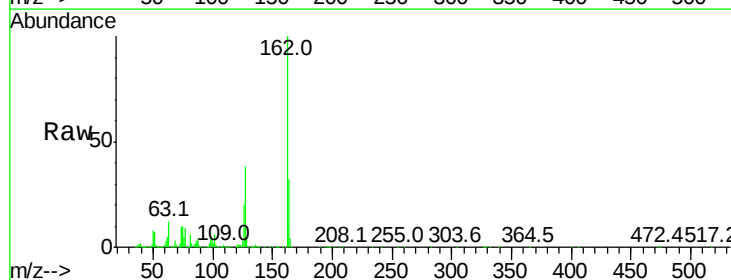
Manual Integrations
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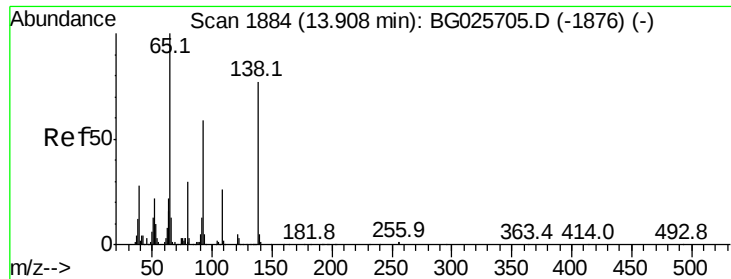
mohammad
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#46
2-Chloronaphthalene
Concen: 44.43 ng
RT: 13.67 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.0	32.2	48.4	
164	32.0	27.3	40.9	





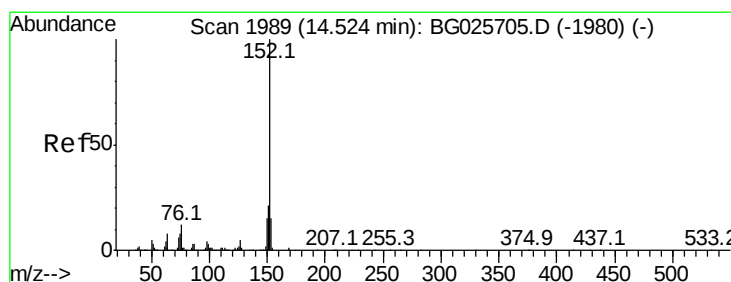
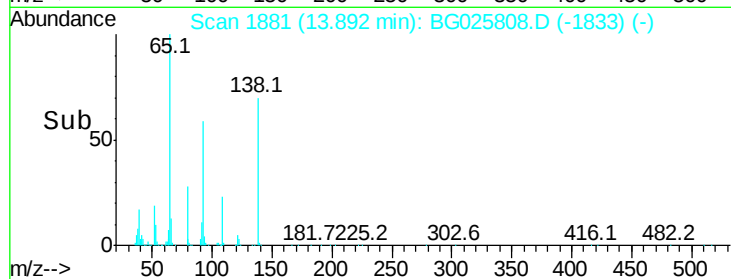
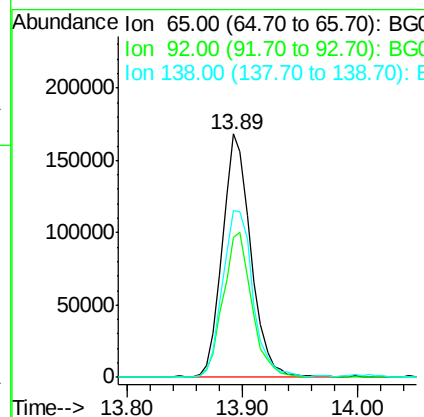
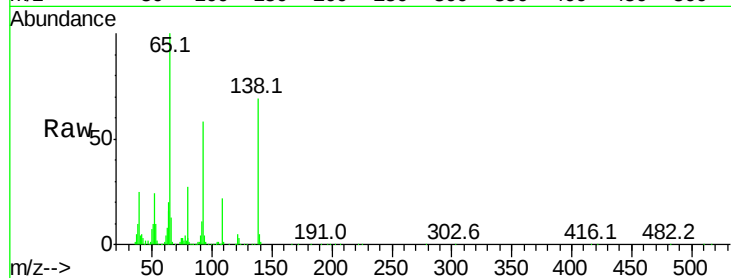
#47
2-Nitroaniline
Concen: 45.37 ng
RT: 13.89 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.7	49.0	73.4
138	68.7	58.6	87.8

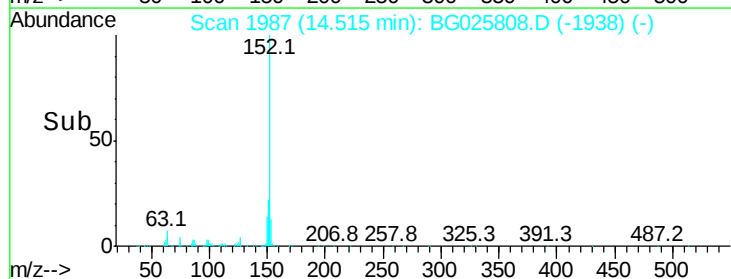
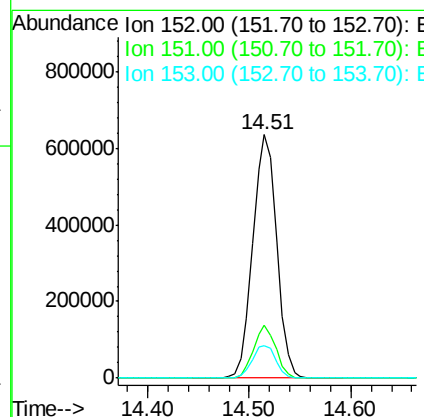
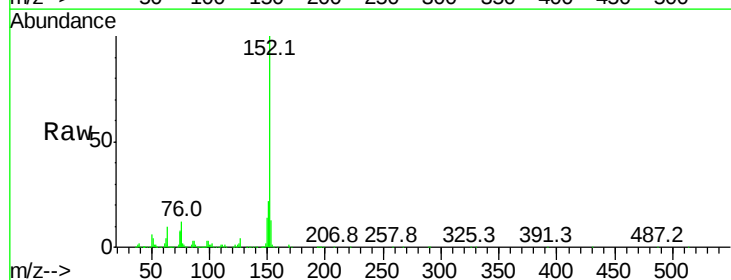
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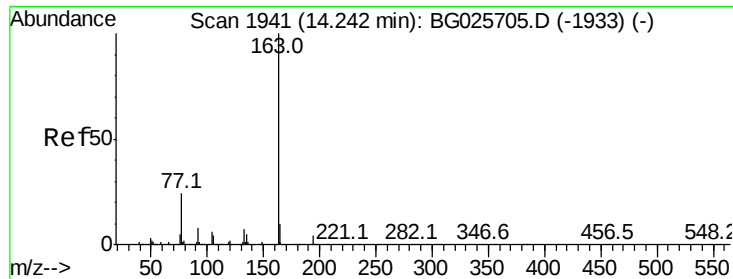
mohammad
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#48
Acenaphthylene
Concen: 42.04 ng
RT: 14.51 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	18.2	27.2
153	13.2	11.3	16.9





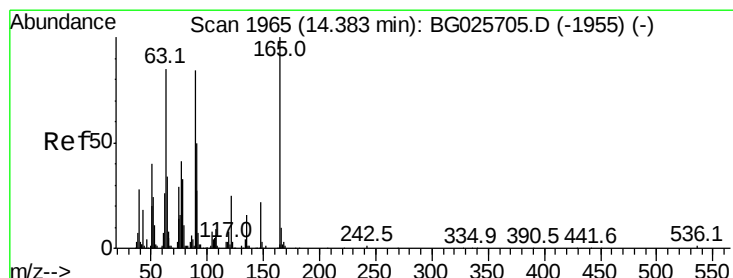
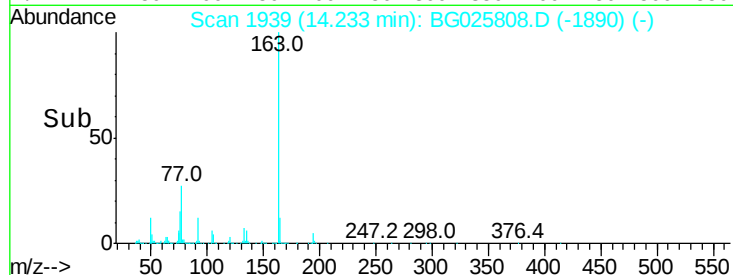
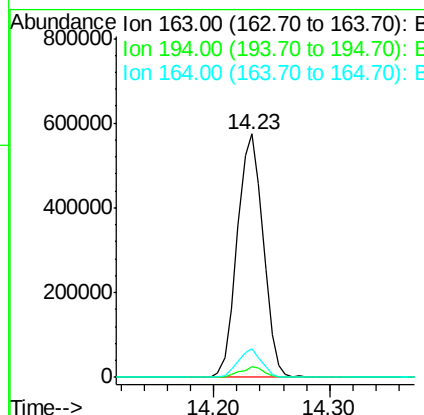
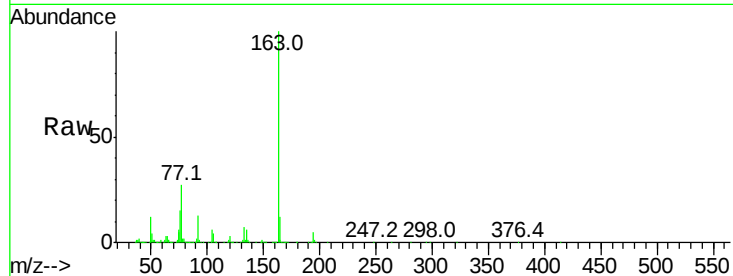
#49
Dimethylphthalate
Concen: 43.81 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	891680		
194	4.5	3.8	5.6	
164	11.8	9.3	13.9	

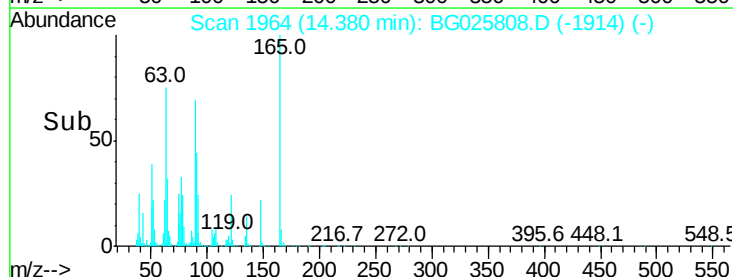
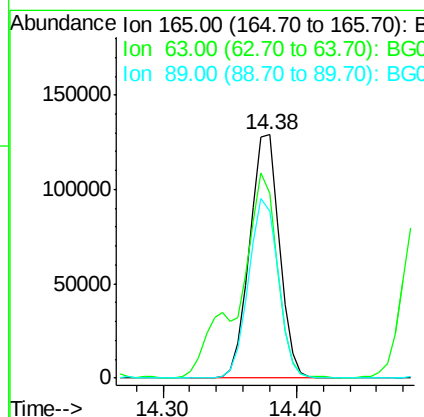
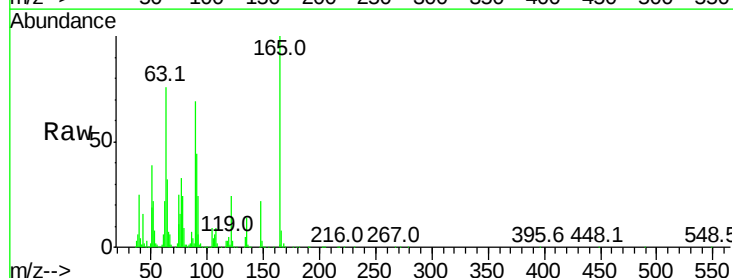
Manual Integrations
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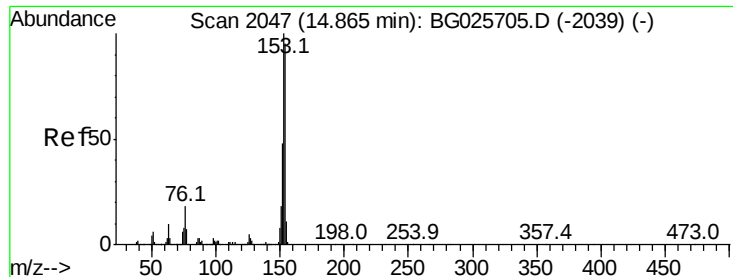
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.69 ng
RT: 14.38 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196766		
63	75.7	63.9	95.9	
89	68.7	58.6	88.0	





#51

Acenaphthene

Concen: 43.71 ng

RT: 14.85 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

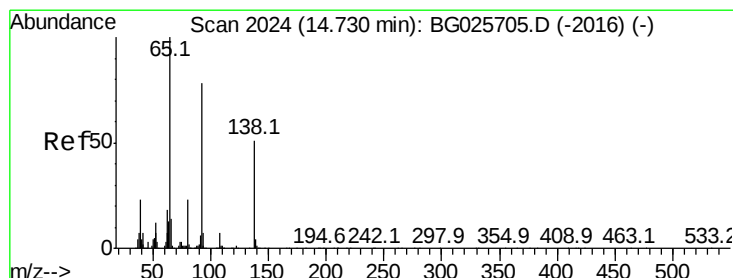
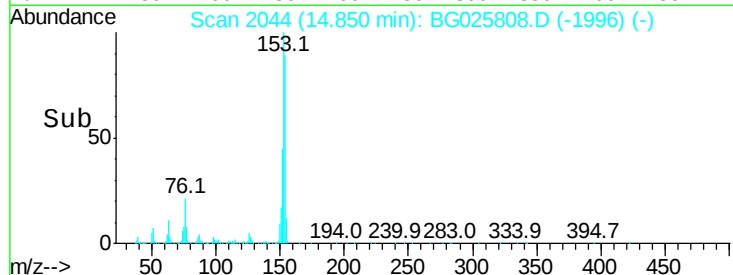
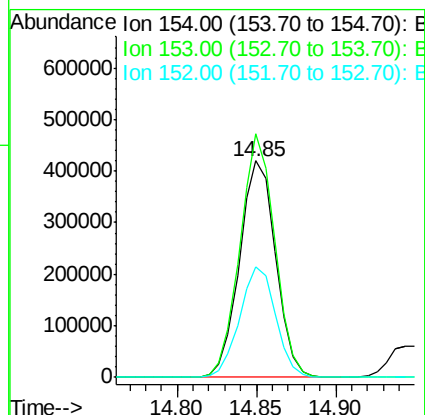
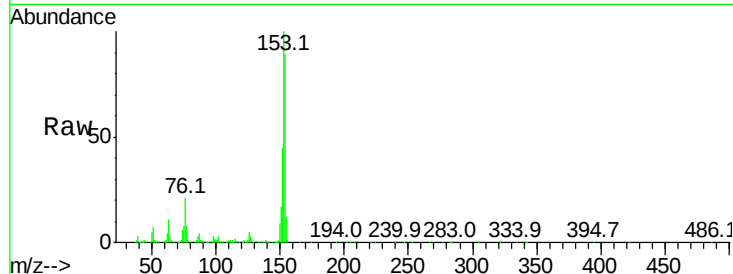
ClientSampleId :

PB96733BS

Tot Ion:	154	Resp:	663519
Ion Ratio	Lower	Upper	
154	100		
153	112.6	87.8	131.6
152	51.2	42.2	63.4

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#52

3-Nitroaniline

Concen: 17.85 ng

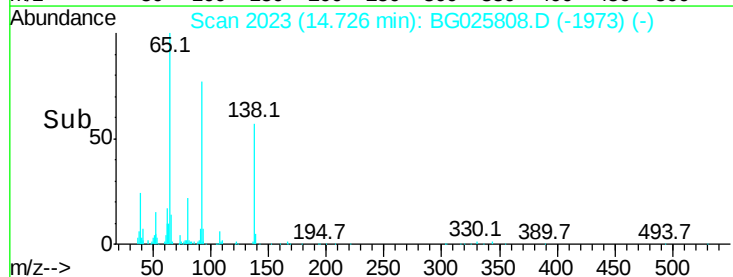
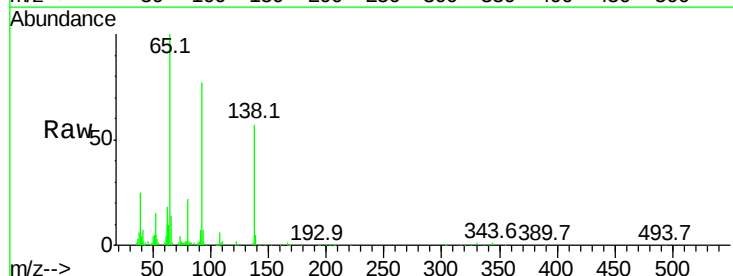
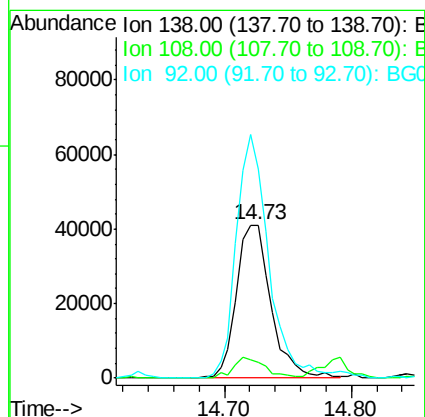
RT: 14.73 min Scan# 2023

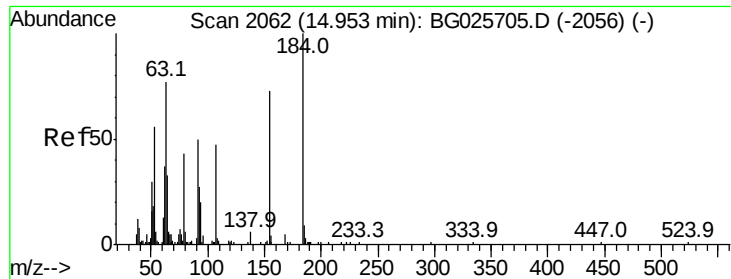
Delta R.T. -0.00 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	138	Resp:	77563
Ion Ratio	Lower	Upper	
138	100		
108	10.2	10.9	16.3#
92	136.2	115.3	172.9





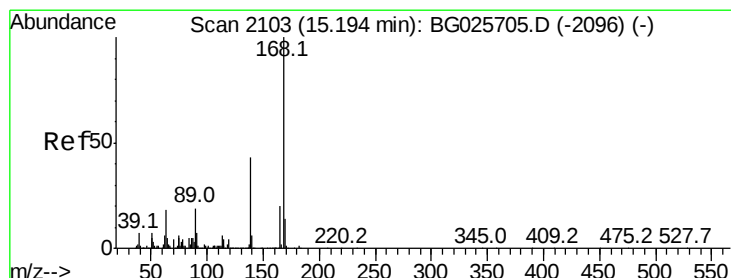
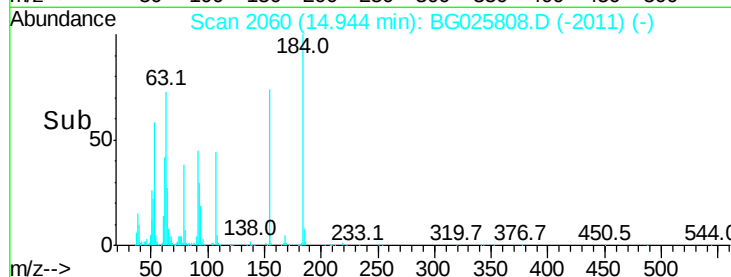
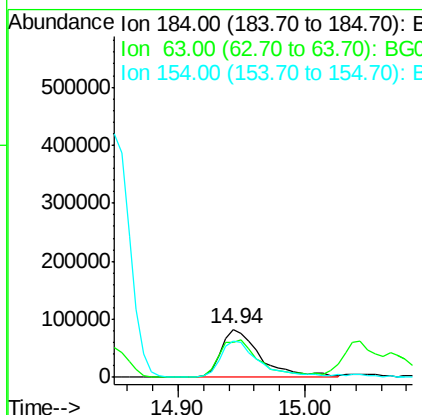
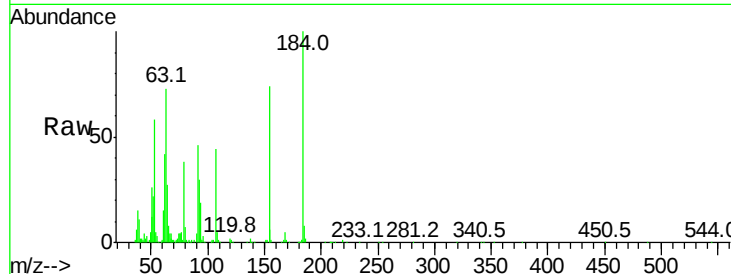
#53
2,4-Dinitrophenol
Concen: 66.48 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.6	52.7	79.1
154	74.0	57.3	85.9

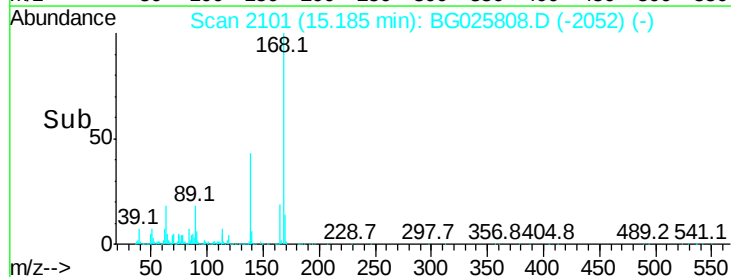
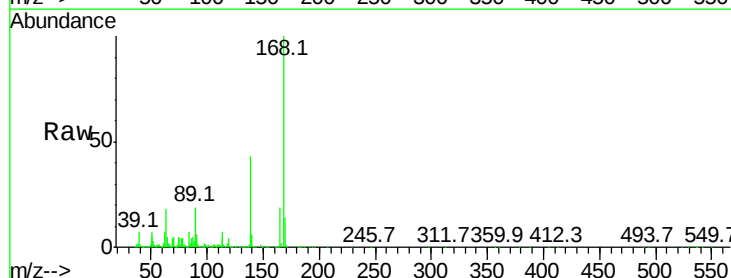
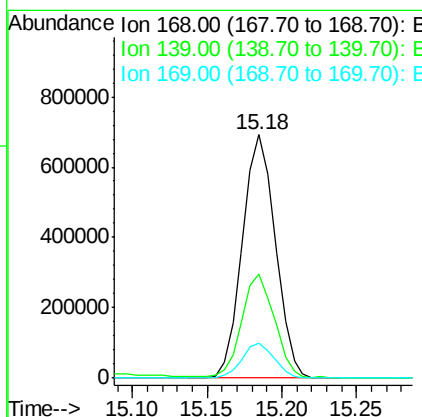
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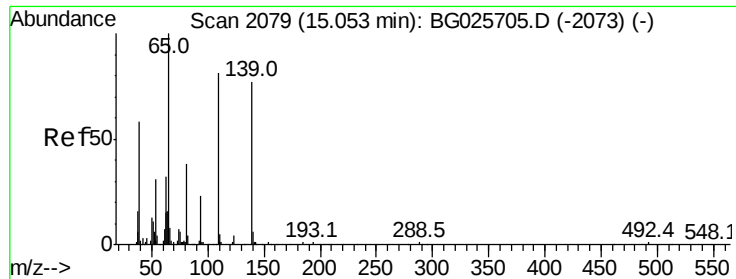
mohammad
2/7/2017 3:15:49 PM



#54
Dibenzofuran
Concen: 46.32 ng
RT: 15.18 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	35.3	52.9
169	14.2	11.5	17.3





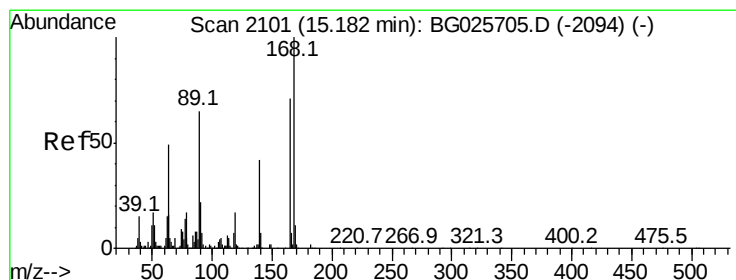
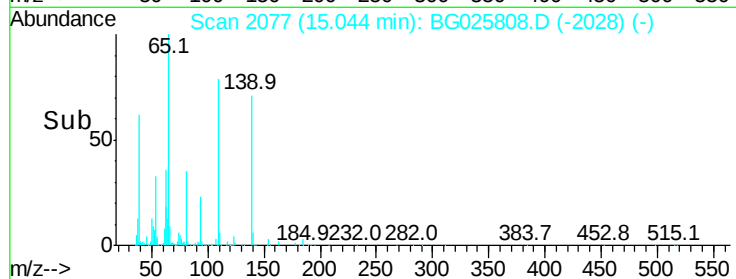
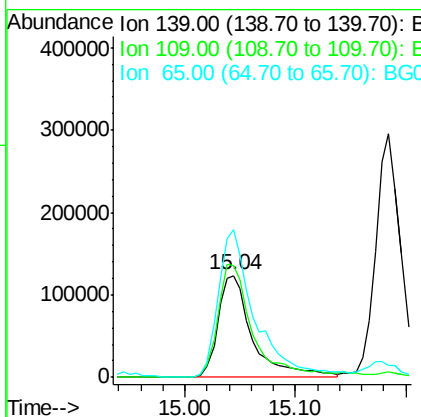
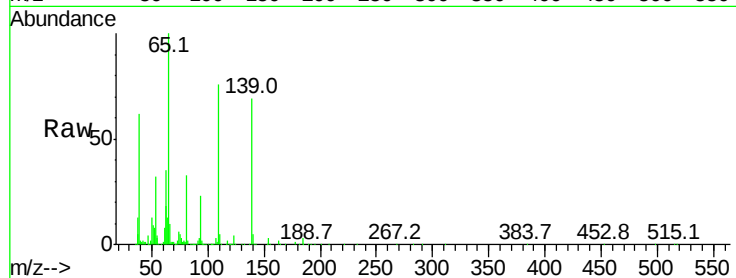
#55
4-Nitrophenol
Concen: 80.08 ng
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	110.2	101.2	141.2	
65	144.8	135.3	175.3	

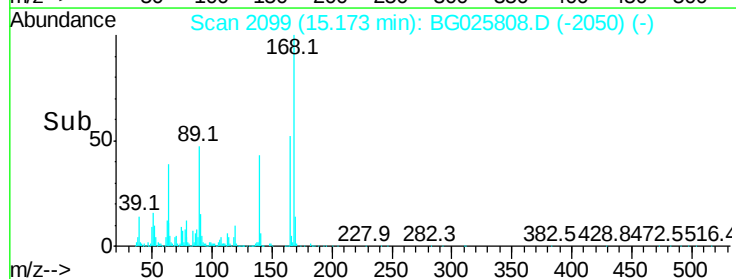
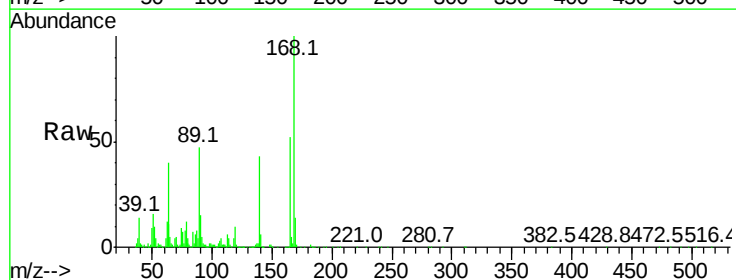
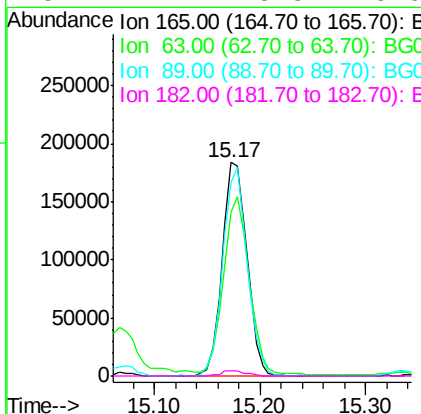
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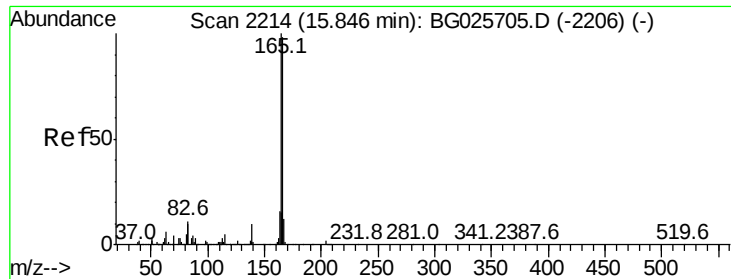
mohammad
2/7/2017 3:15:49 PM



#56
2,4-Dinitrotoluene
Concen: 44.43 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	76.5	44.0	66.0#	
89	90.3	67.3	100.9	
182	2.7	3.8	5.6#	





#57

Fluorene

Concen: 41.98 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

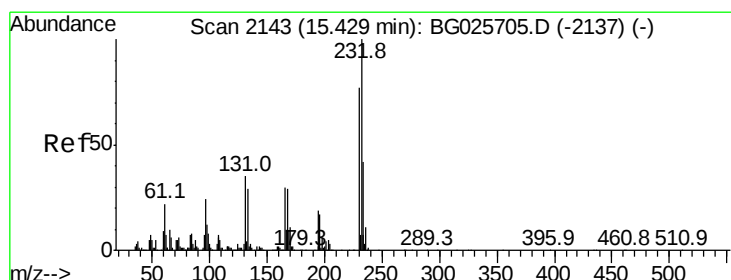
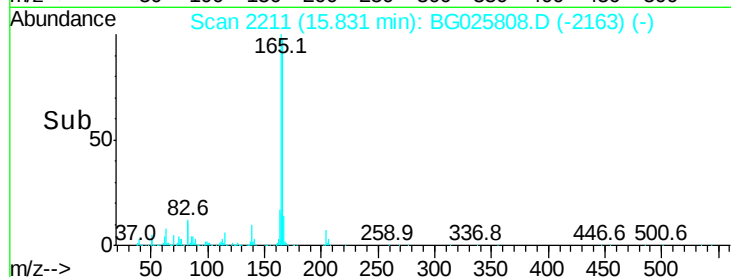
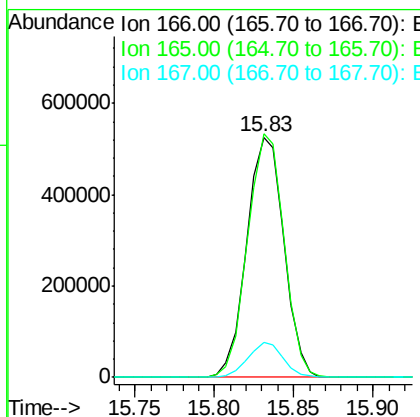
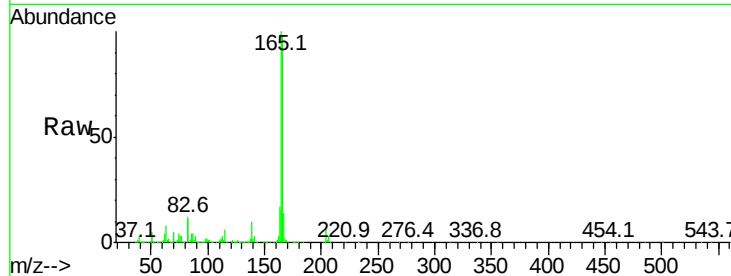
ClientSampleId :

PB96733BS

Tot Ion:	166	Resp:	855497
Ion Ratio	Lower	Upper	
166	100		
165	101.5	78.6	117.8
167	14.7	11.6	17.4

Manual Integrations
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2/7/2017 3:15:49 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.62 ng

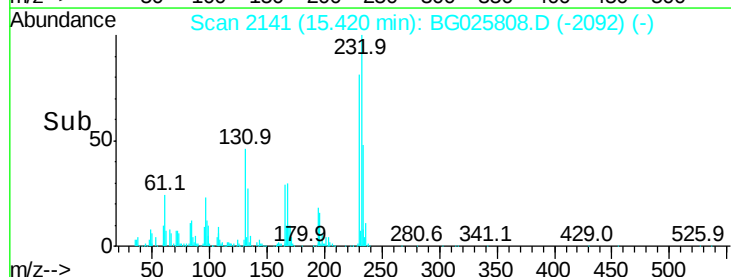
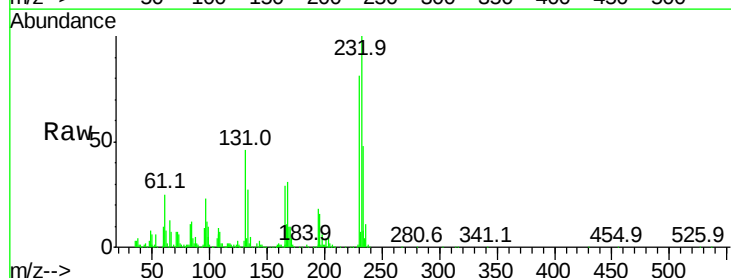
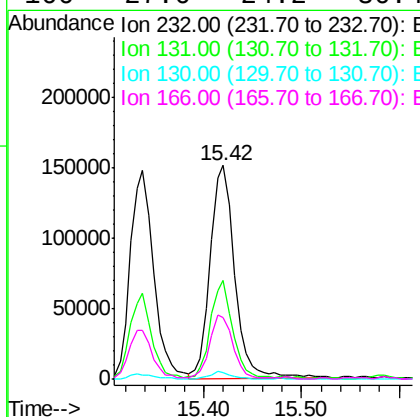
RT: 15.42 min Scan# 2141

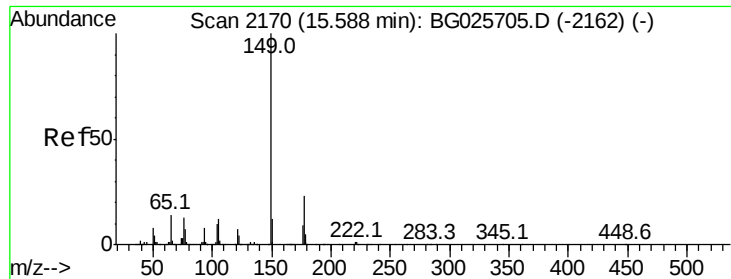
Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	232	Resp:	265276
Ion Ratio	Lower	Upper	
232	100		
131	40.4	34.9	52.3
130	3.0	2.3	3.5
166	27.6	24.2	36.4





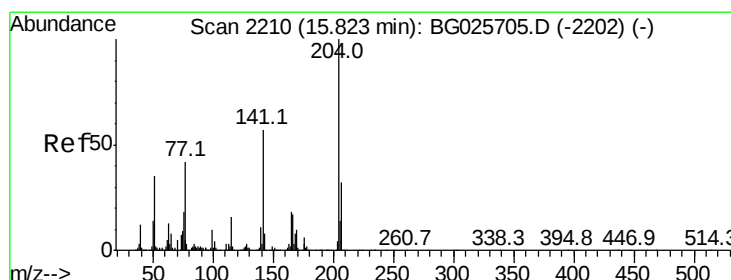
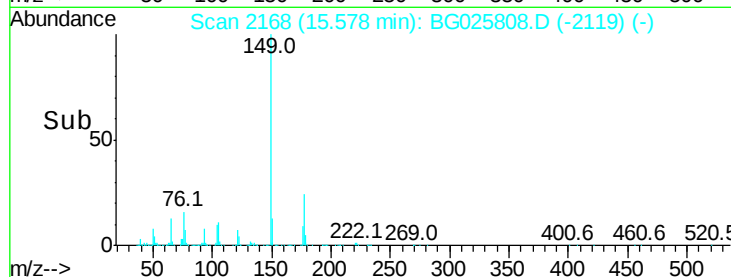
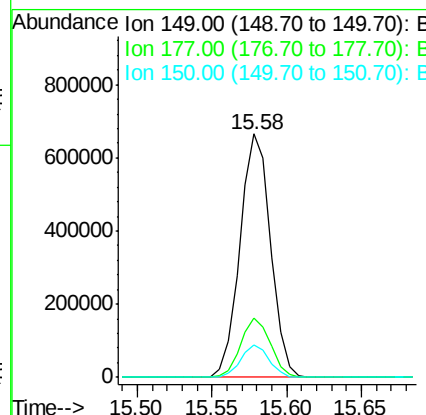
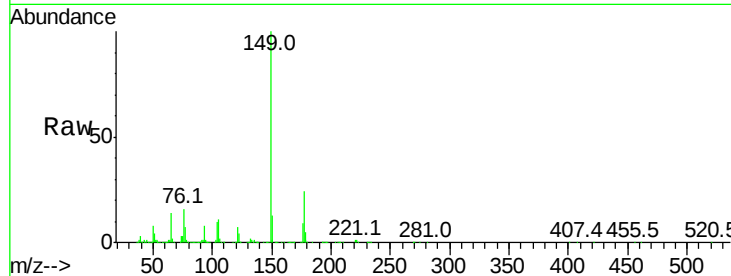
#59
Diethylphthalate
Concen: 43.84 ng
RT: 15.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	24.3	20.1	30.1
150	13.1	10.2	15.2

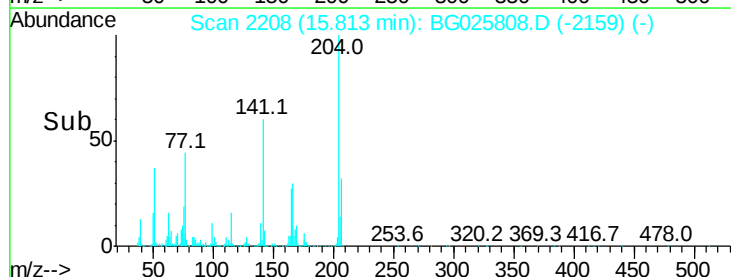
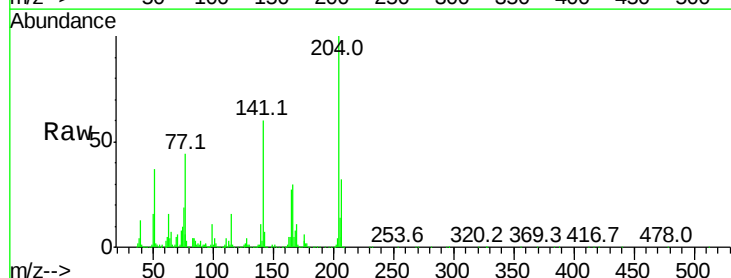
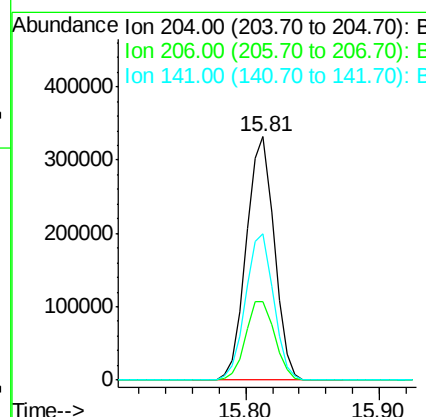
Manual Integrations
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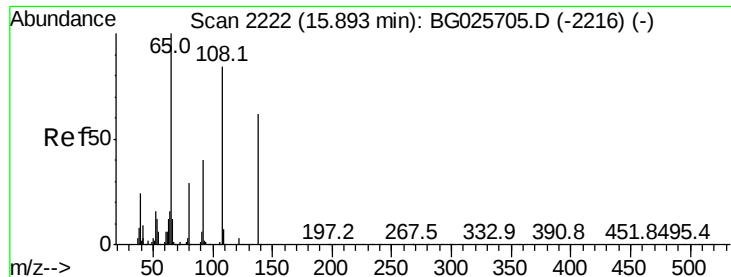
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.19 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.0	30.1	45.1
141	60.0	50.6	76.0





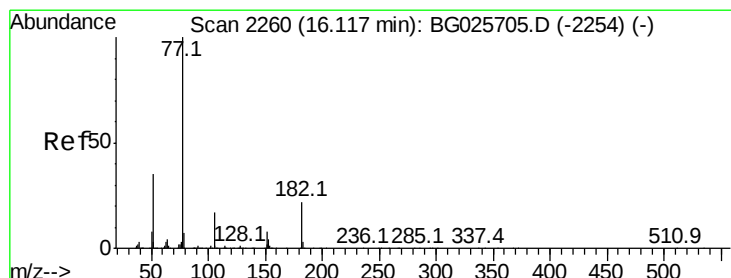
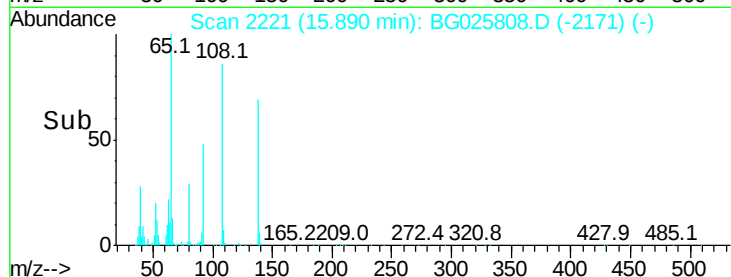
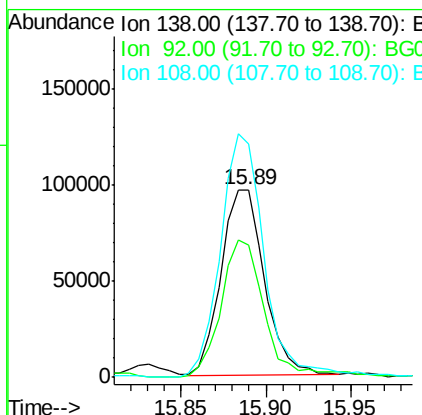
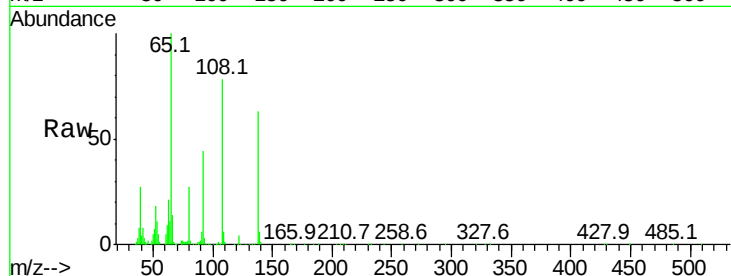
#61
4-Nitroaniline
Concen: 39.81 ng
RT: 15.89 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	70.6	44.2	84.2
108	124.4	104.8	144.8

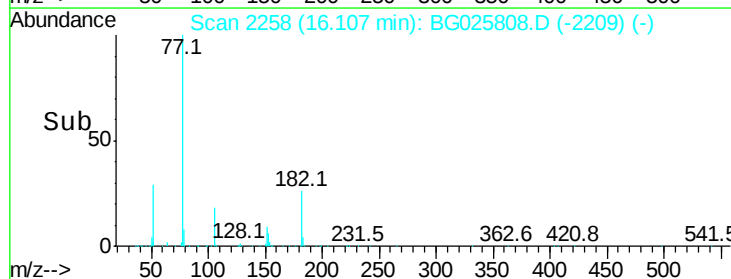
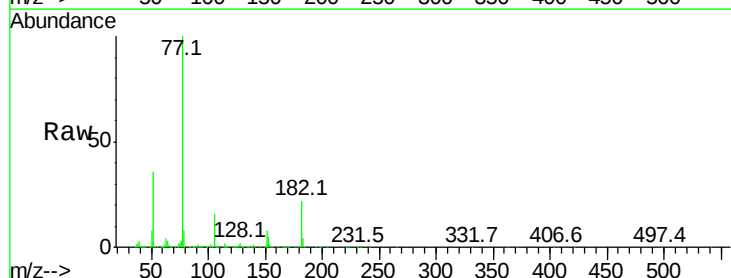
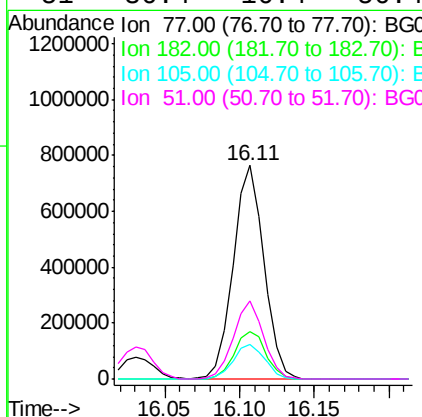
Manual Integrations
APPROVED

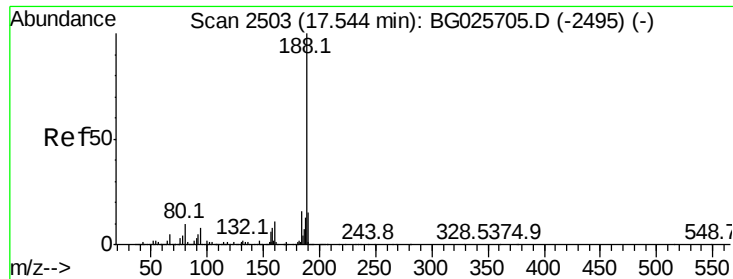
mohammad
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#62
Azobenzene
Concen: 49.82 ng
RT: 16.11 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.7	44.7
105	16.0	0.0	36.3
51	36.4	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

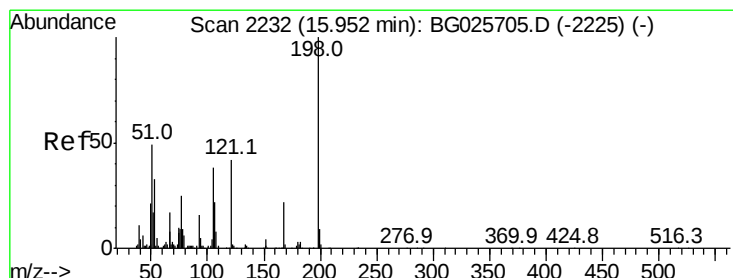
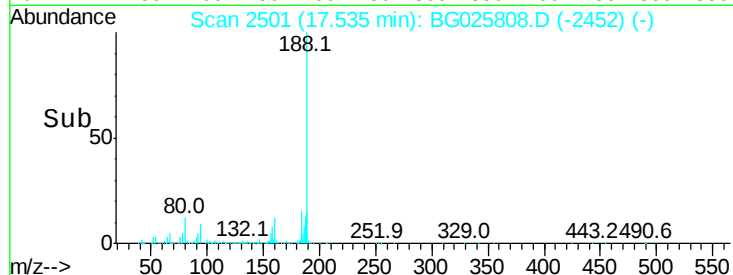
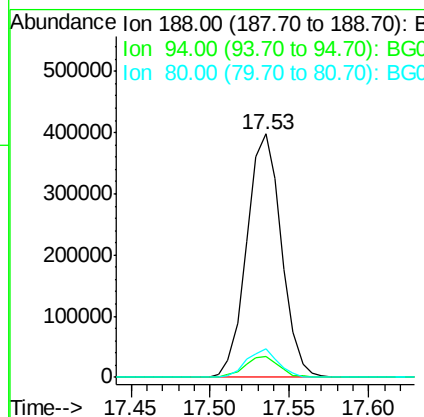
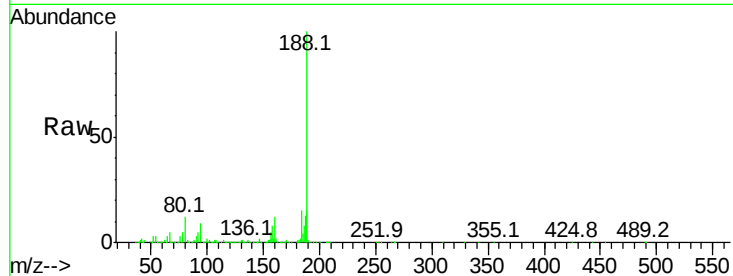
ClientSampleId :

PB96733BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	5.8	8.8
80	11.6	7.5	11.3

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 40.35 ng

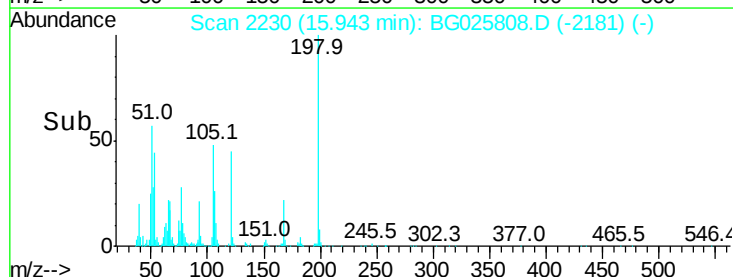
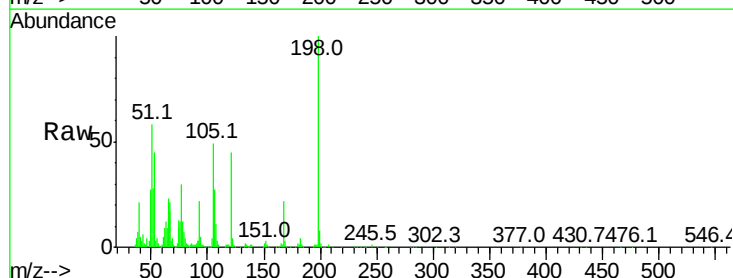
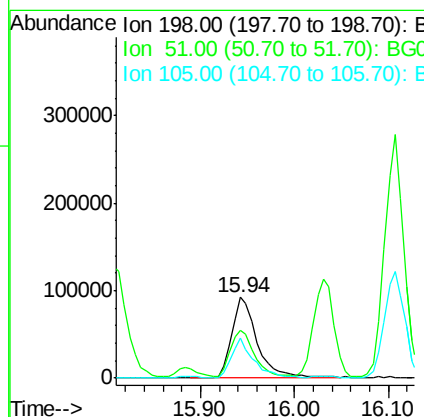
RT: 15.94 min Scan# 2230

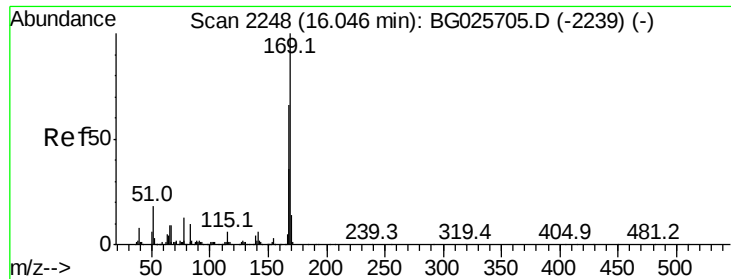
Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	58.4	22.6	62.6
105	49.0	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 46.60 ng

RT: 16.03 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PB96733BS

Tot Ion:169 Resp: 806803

Ion Ratio Lower Upper

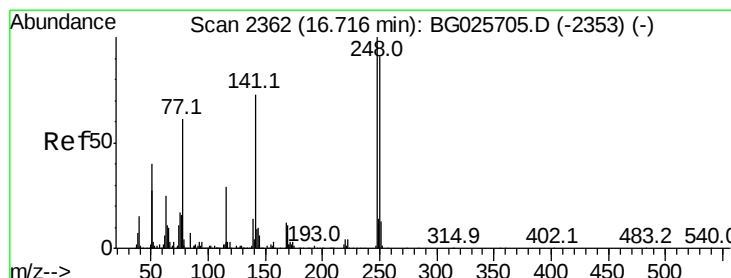
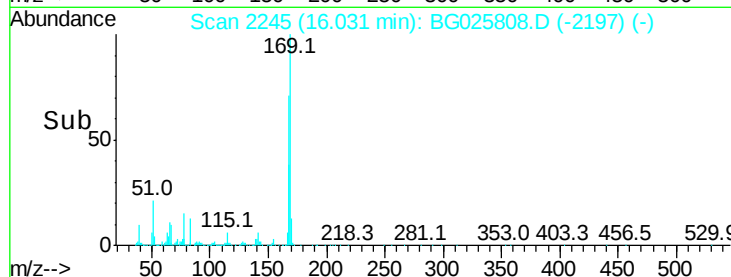
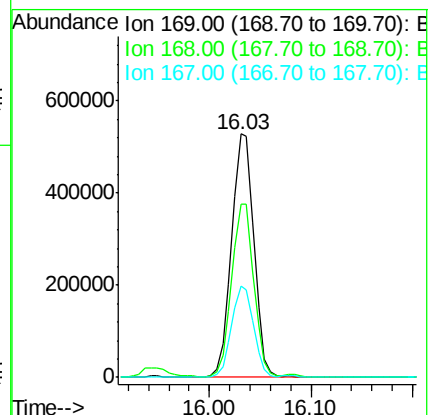
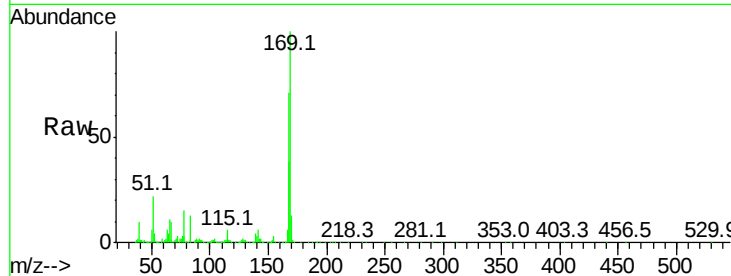
169 100

168 71.2 55.7 83.5

167 37.6 29.8 44.6

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#66

4-Bromophenyl-phenylether

Concen: 44.59 ng

RT: 16.71 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

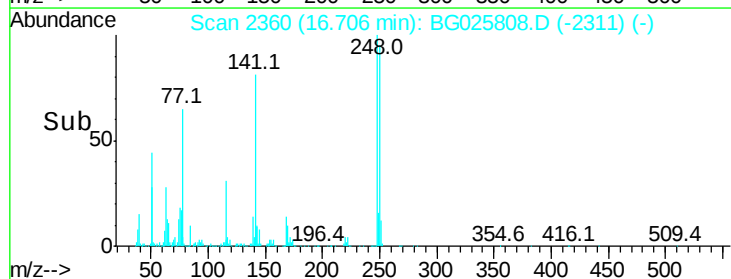
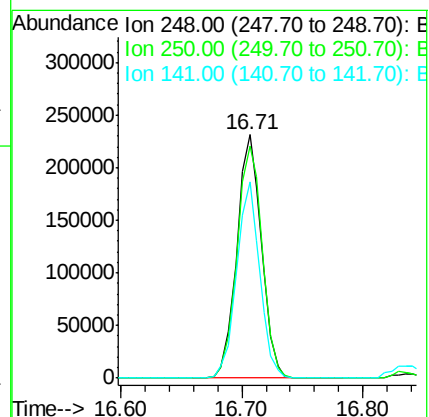
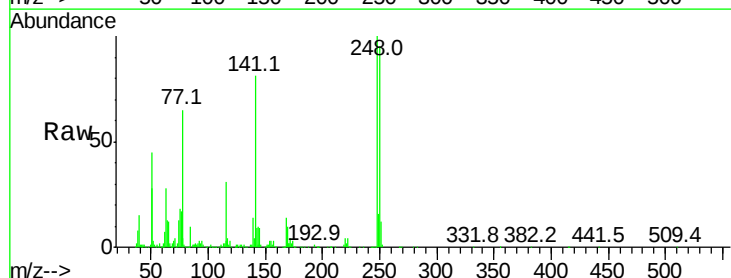
Tgt Ion:248 Resp: 327051

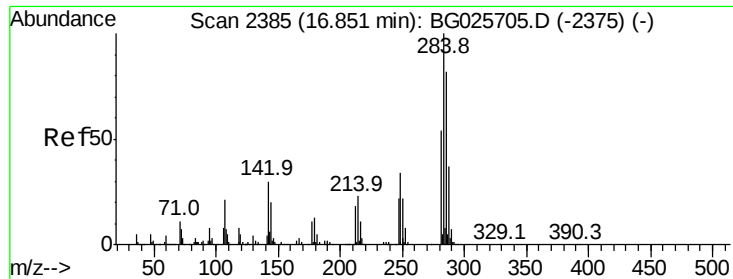
Ion Ratio Lower Upper

248 100

250 95.4 75.0 112.6

141 80.8 55.2 82.8





#67

Hexachlorobenzene

Concen: 43.20 ng

RT: 16.84 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

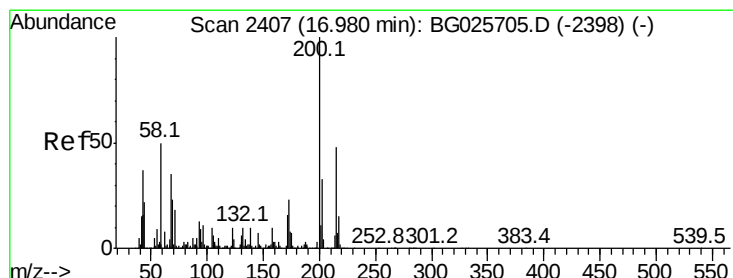
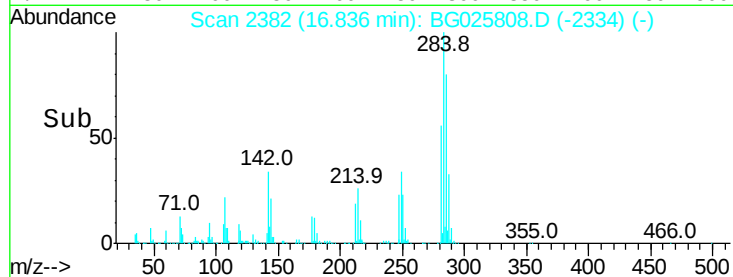
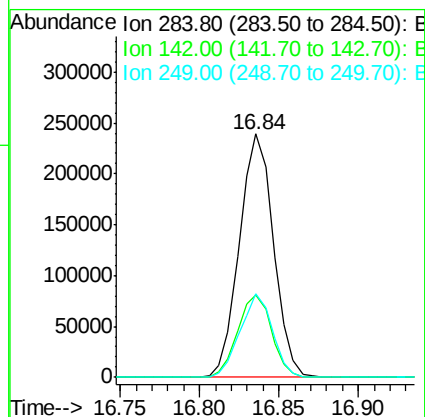
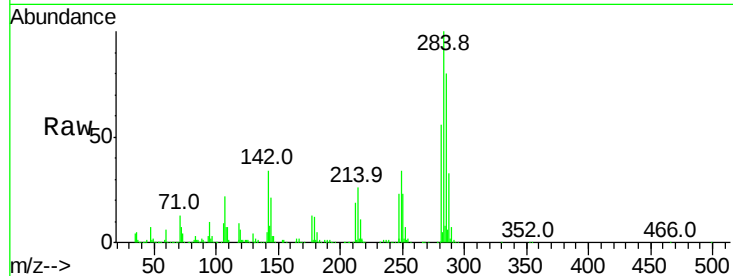
ClientSampleId :

PB96733BS

Tot Ion:	284	Resp:	356345
Ion Ratio	Lower	Upper	
284	100		
142	33.6	29.9	44.9
249	34.3	29.2	43.8

Manual Integrations
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#68

Atrazine

Concen: 40.18 ng

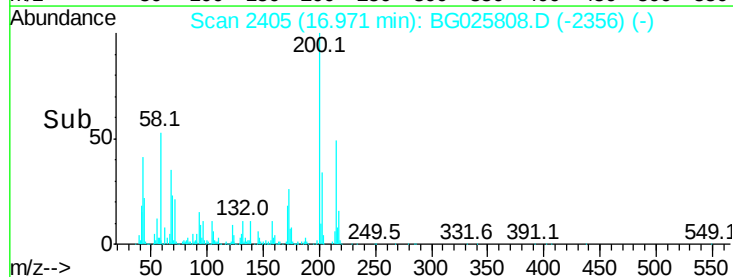
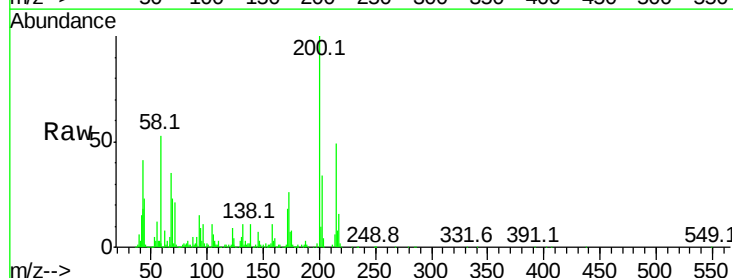
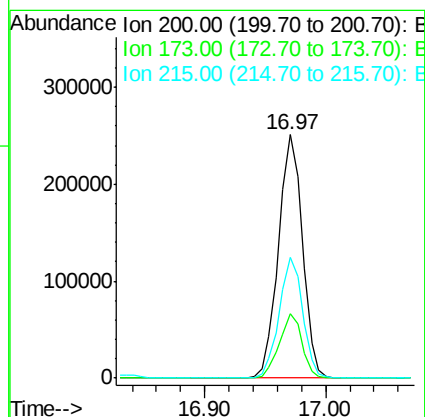
RT: 16.97 min Scan# 2405

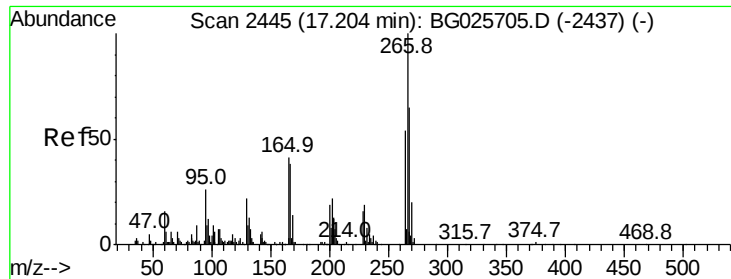
Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	200	Resp:	343411
Ion Ratio	Lower	Upper	
200	100		
173	26.3	3.0	43.0
215	49.4	28.4	68.4





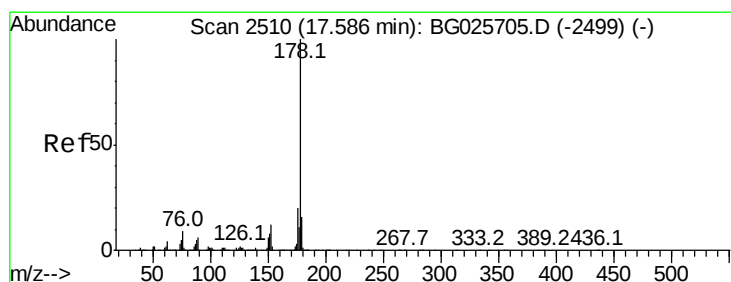
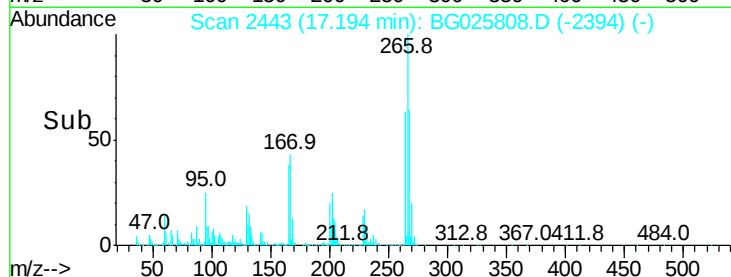
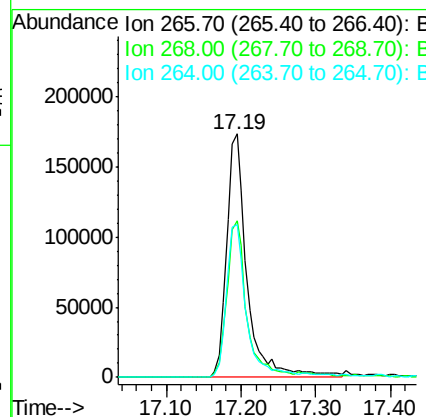
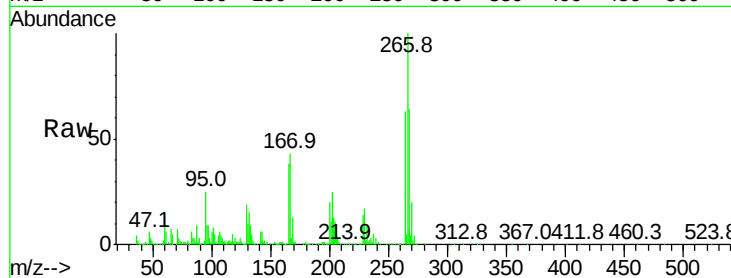
#69
 Pentachlorophenol
 Concen: 91.57 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Instrument :
 BNA_G
 ClientSampleId :
 PB96733BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	48.6	72.8
264	62.8	50.1	75.1

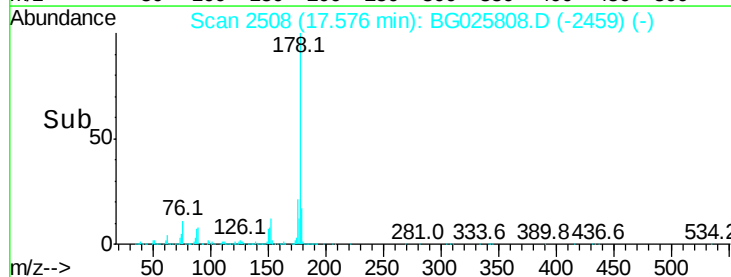
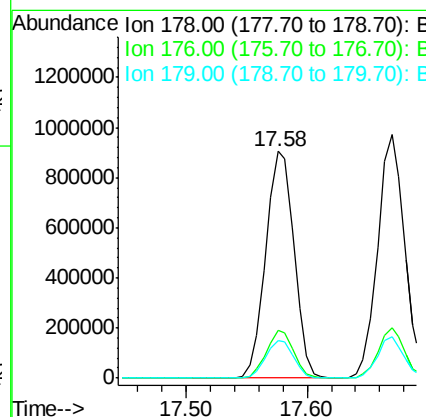
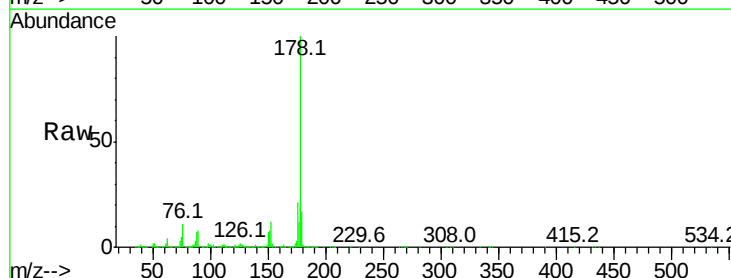
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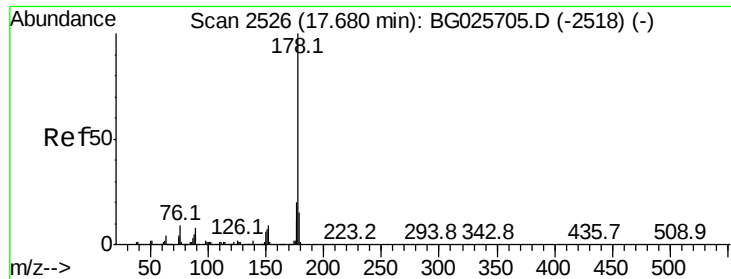
mohammad
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#70
 Phenanthrene
 Concen: 44.75 ng
 RT: 17.58 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.7	26.5
179	16.7	15.0	22.6





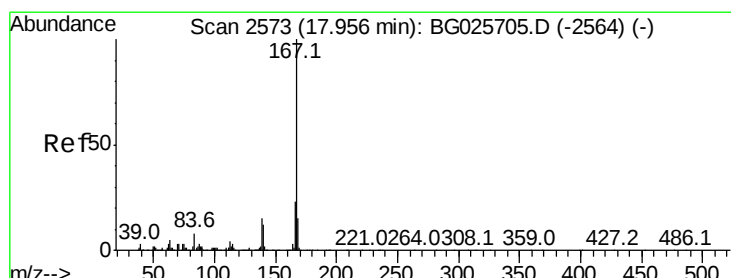
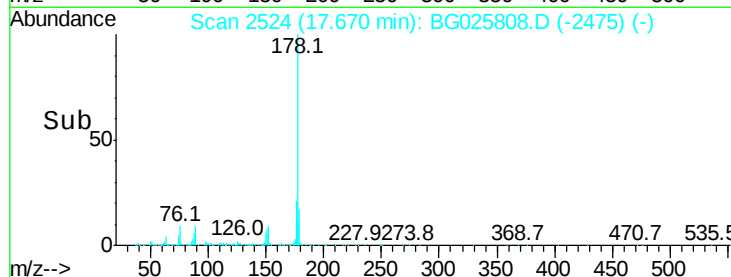
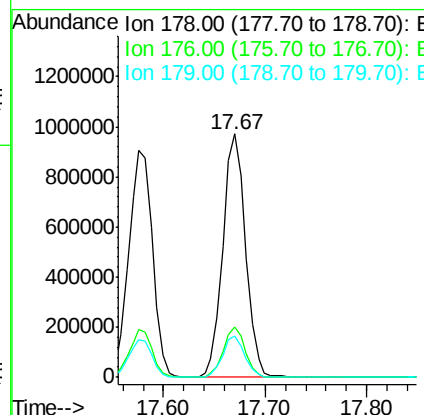
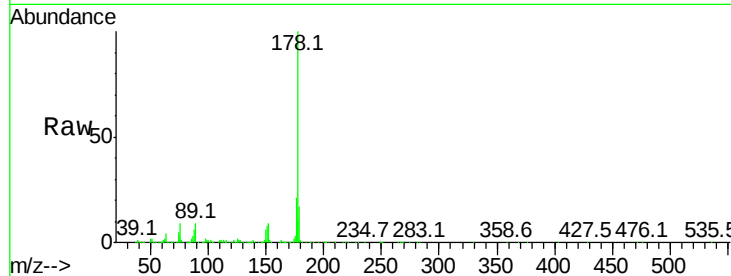
#71
 Anthracene
 Concen: 44.74 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Instrument :
 BNA_G
 ClientSampleId :
 PB96733BS

Tot Ion:178 Resp: 1512248
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.4 24.6
 179 16.7 13.8 20.8

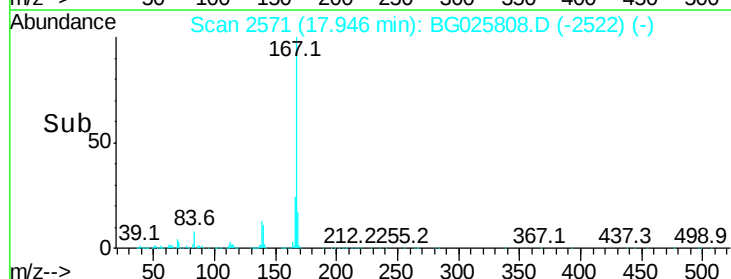
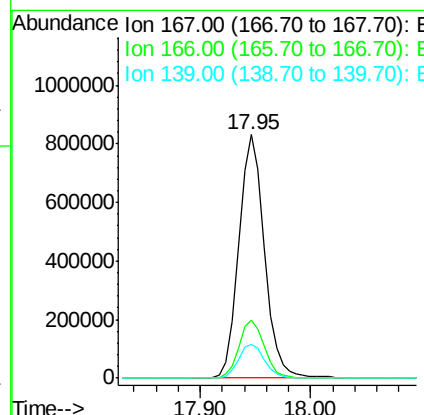
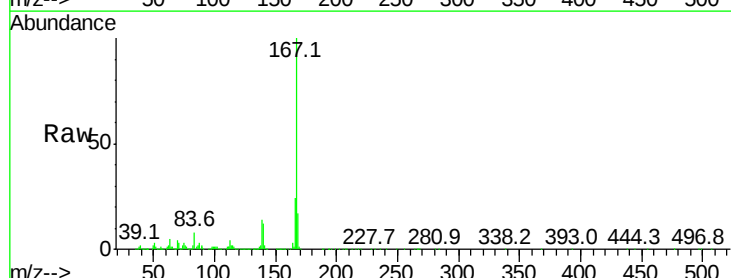
Manual Integrations
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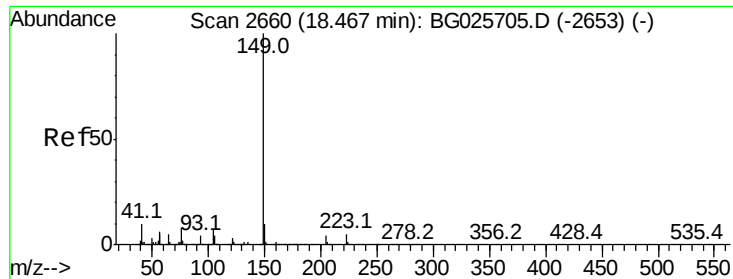
mohammad
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#72
 Carbazole
 Concen: 41.44 ng
 RT: 17.95 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Tgt Ion:167 Resp: 1356375
 Ion Ratio Lower Upper
 167 100
 166 23.9 20.2 30.2
 139 13.8 12.8 19.2





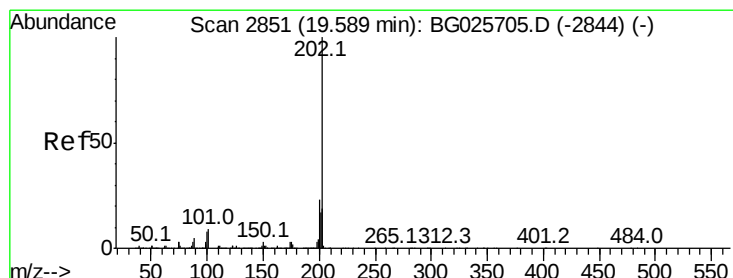
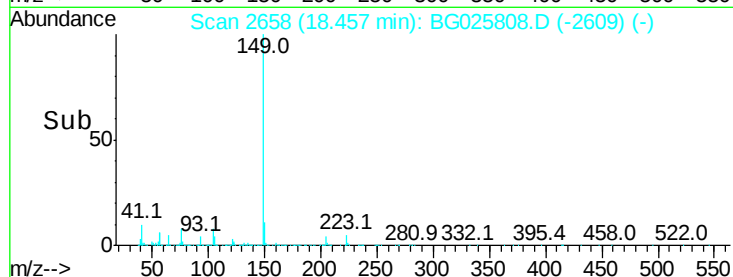
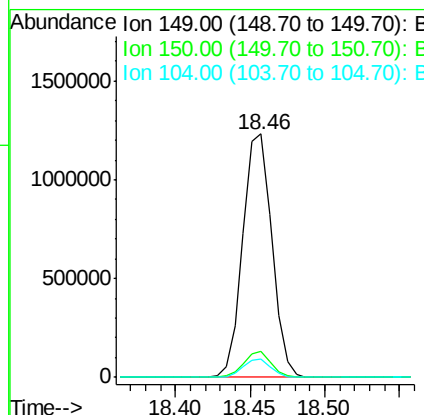
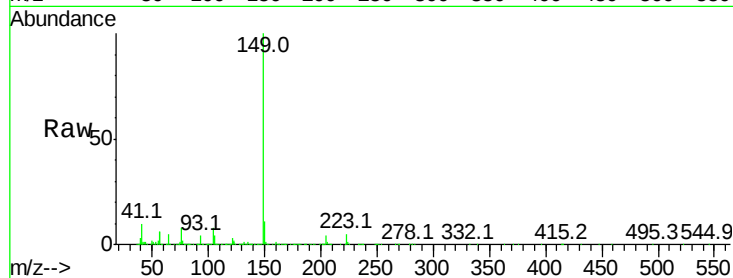
#73
Di-n-butylphthalate
Concen: 44.02 ng
RT: 18.46 min Scan# 2658
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.1	13.7
104	7.6	6.7	10.1

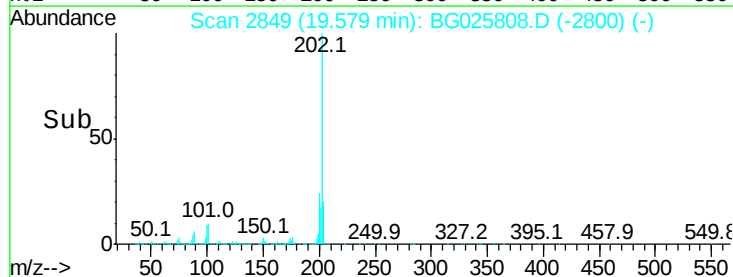
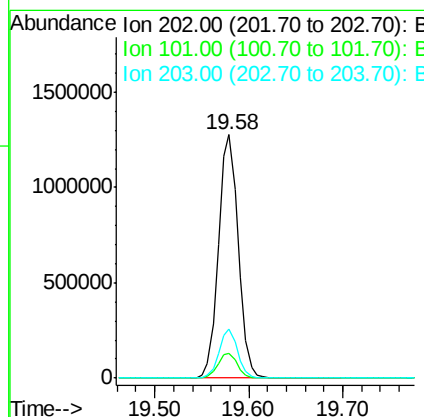
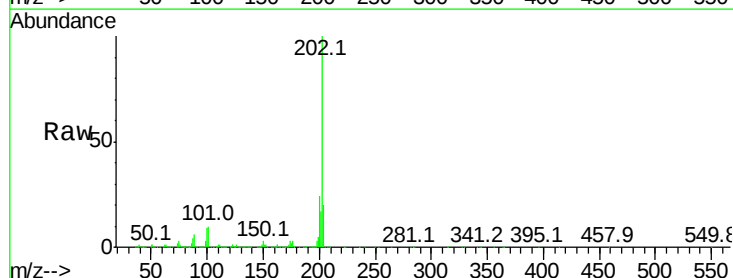
Manual Integrations
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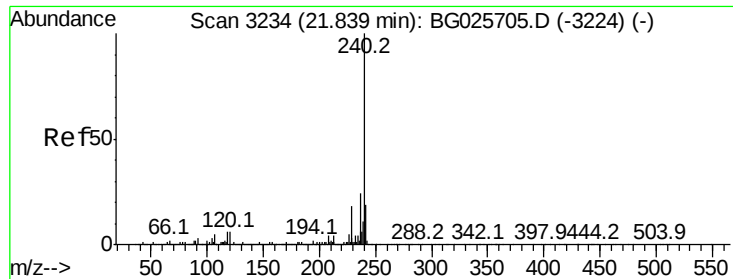
mohammad
2/7/2017 3:15:49 PM



#74
Fluoranthene
Concen: 41.79 ng
RT: 19.58 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.1
203	20.3	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3230

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

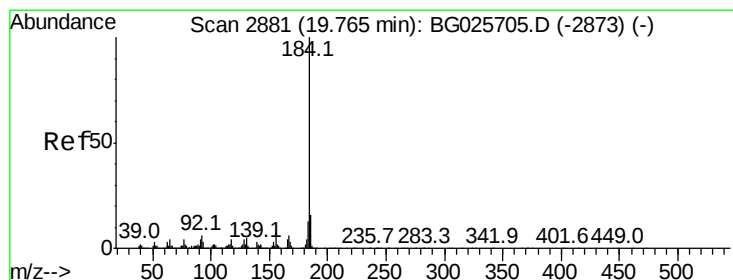
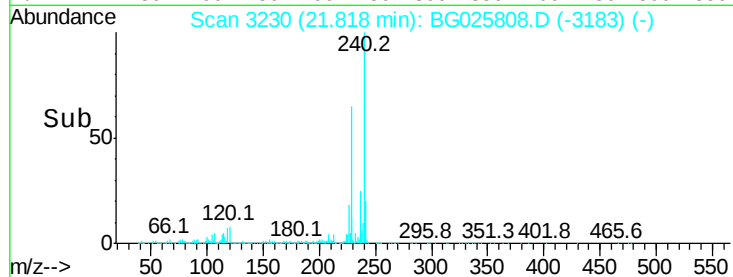
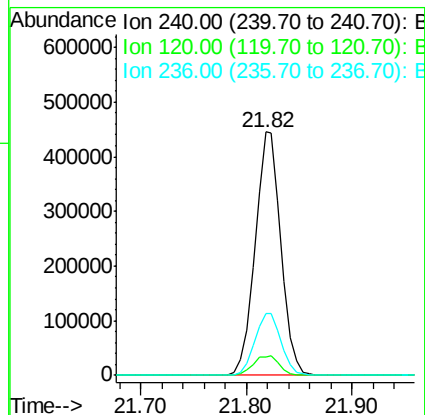
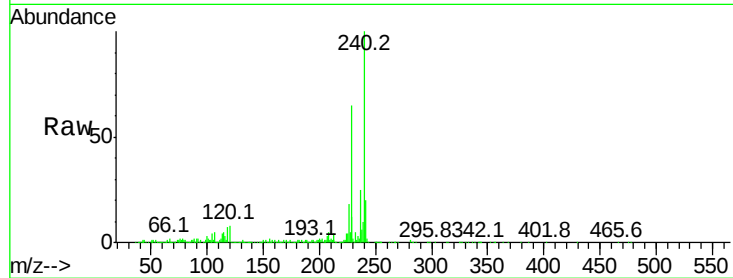
ClientSampleId :

PB96733BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.7	8.5
236	25.3	22.2	33.4

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#76

Benzidine

Concen: 19.08 ng

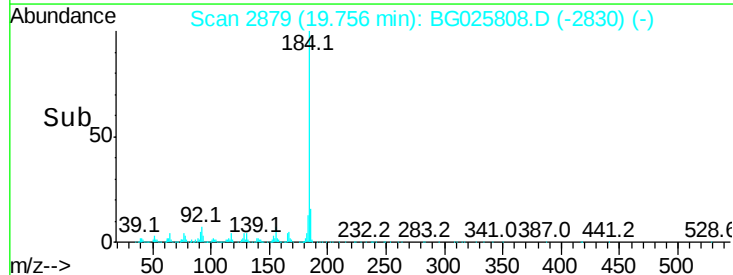
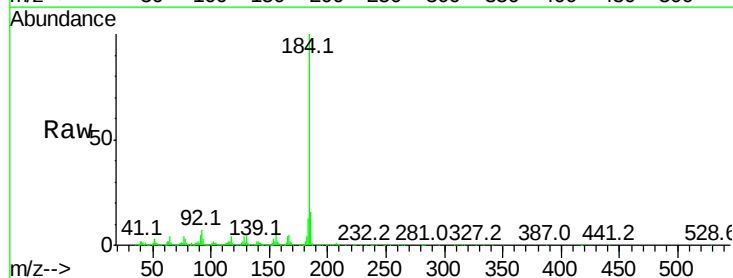
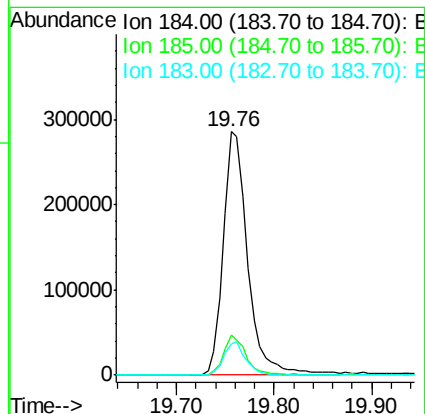
RT: 19.76 min Scan# 2879

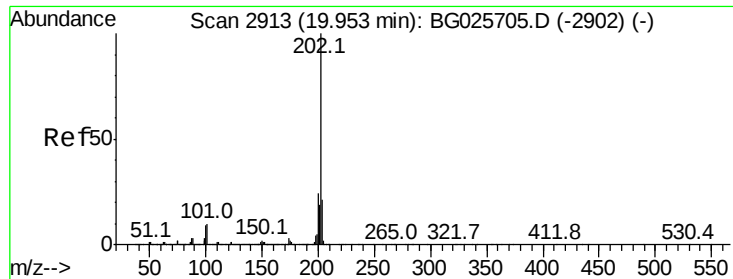
Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.3	13.0	19.6
183	12.9	11.0	16.6





#77

Pvrene

Concen: 44.84 ng

RT: 19.94 min Scan# 2910

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

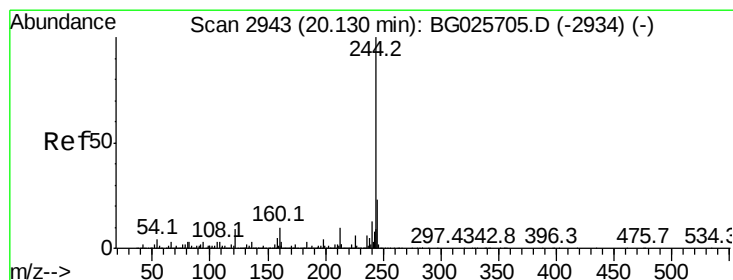
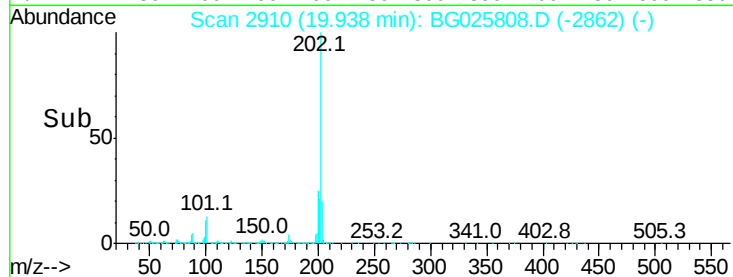
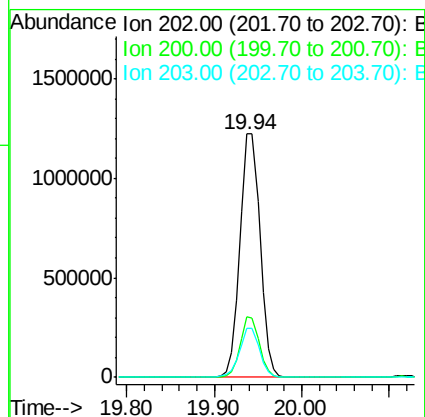
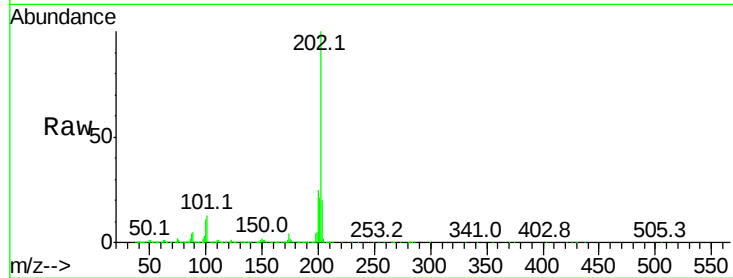
ClientSampleId :

PB96733BS

Tot Ion:	202	Resp:	1889429
Ion	Ratio	Lower	Upper
202	100		
200	24.6	19.6	29.4
203	20.3	15.8	23.8

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#78

Terphenyl-d14

Concen: 81.95 ng

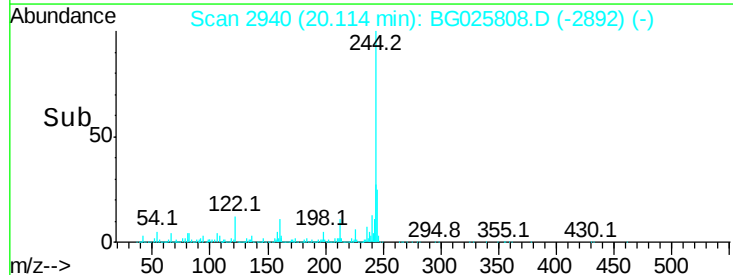
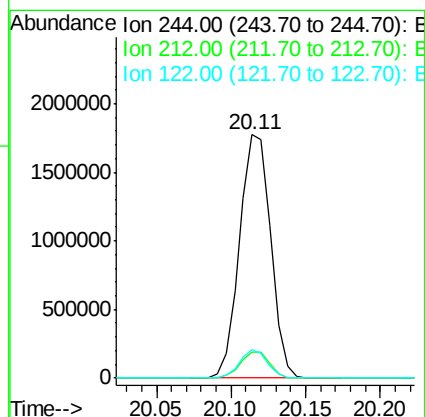
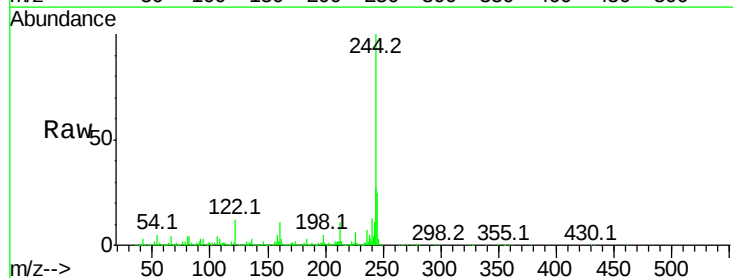
RT: 20.11 min Scan# 2940

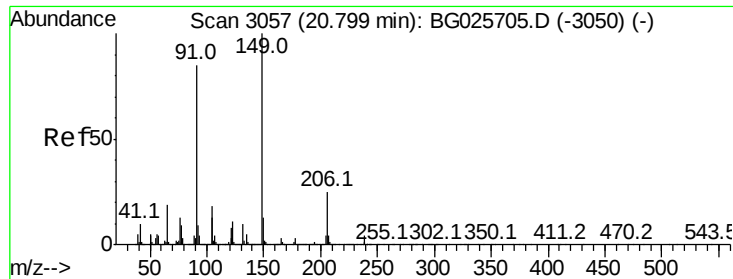
Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	244	Resp:	2568170
Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.0	15.0
122	11.7	8.6	12.8





#79

Butylbenzylphthalate

Concen: 46.24 ng

RT: 20.79 min Scan# 3055

Delta R.T. -0.01 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

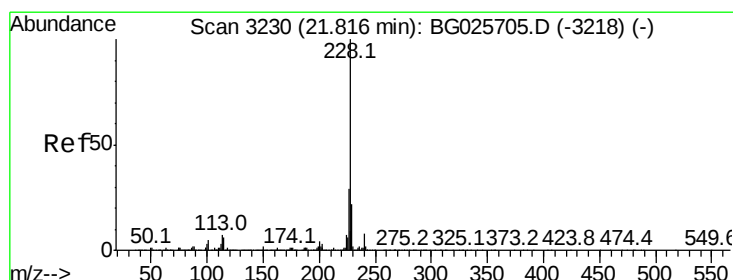
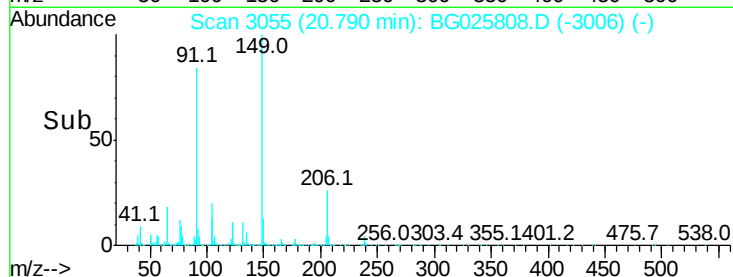
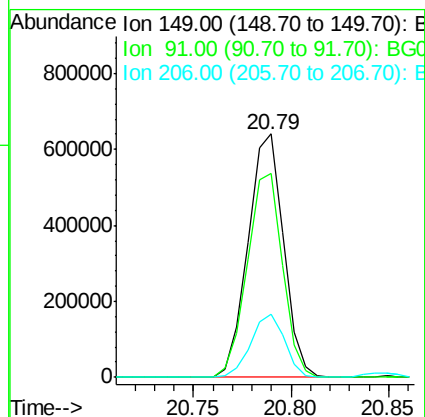
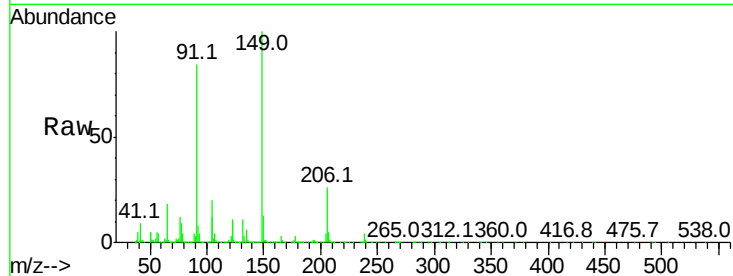
ClientSampleId :

PB96733BS

Tot Ion:	149	Resp:	808907
Ion Ratio	Lower	Upper	
149	100		
91	83.5	63.5	95.3
206	25.7	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 43.71 ng

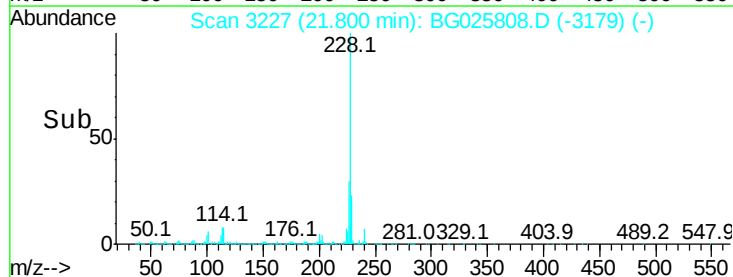
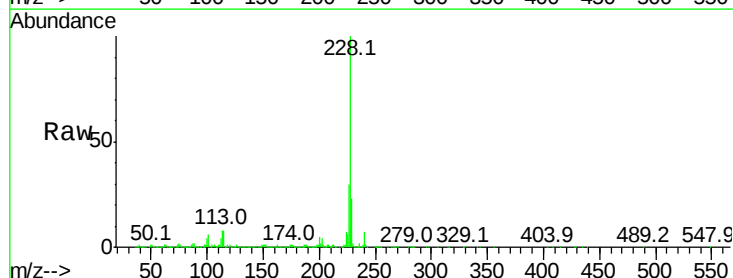
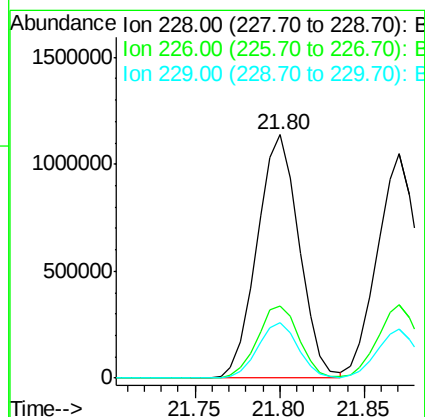
RT: 21.80 min Scan# 3227

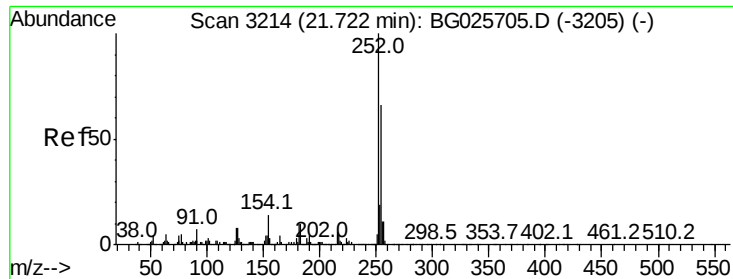
Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion:	228	Resp:	1958082
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	23.0	18.2	27.2





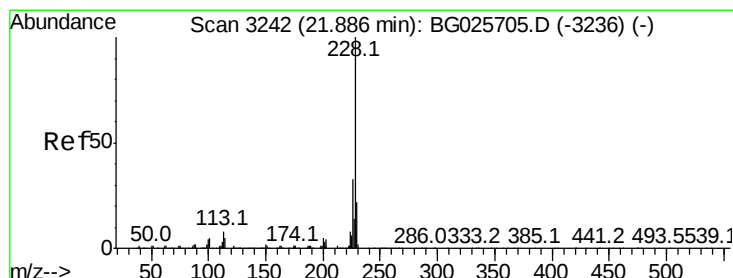
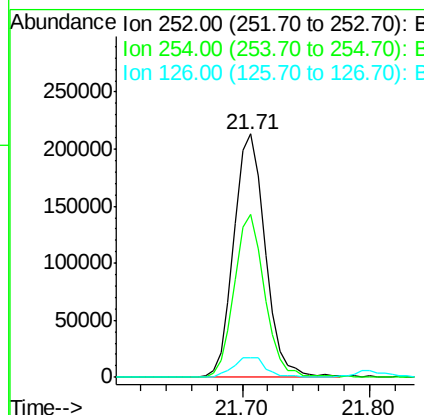
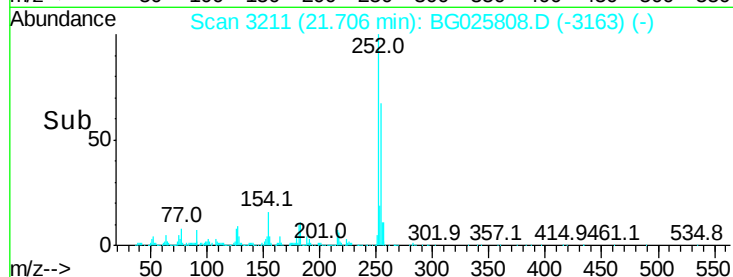
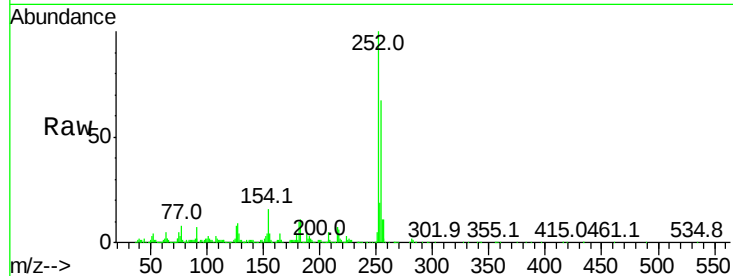
#81
 3,3'-Dichlorobenzidine
 Concen: 20.77 ng
 RT: 21.71 min Scan# 3211
 Delta R.T. -0.02 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Instrument :
 BNA_G
 ClientSampled :
 PB96733BS

Tot Ion:	252	Resp:	365285
Ion Ratio	Lower	Upper	
252	100		
254	67.2	53.1	79.7
126	8.0	7.0	10.4

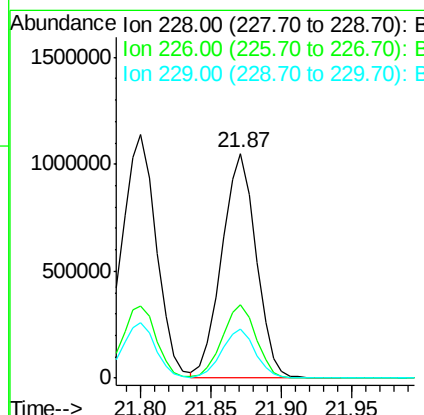
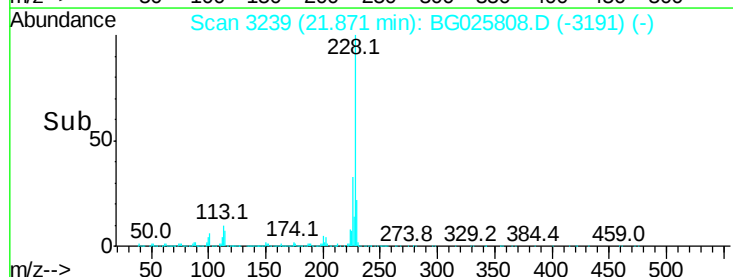
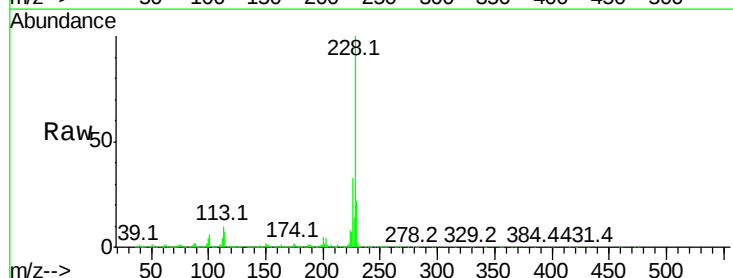
Manual Integrations
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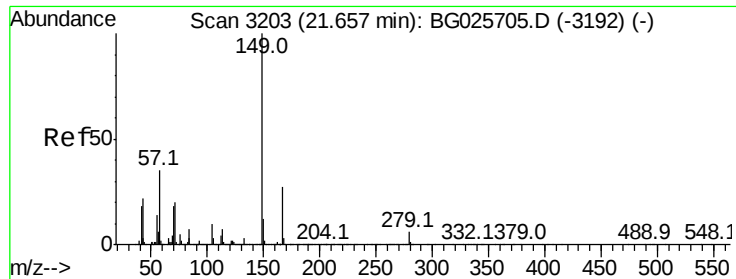
mohammad
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#82
 Chrysene
 Concen: 41.78 ng
 RT: 21.87 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Tgt Ion:	228	Resp:	1769106
Ion Ratio	Lower	Upper	
228	100		
226	32.9	27.0	40.4
229	21.8	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.16 ng

RT: 21.64 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PB96733BS

Tot Ion:149 Resp: 1149095

Ion Ratio Lower Upper

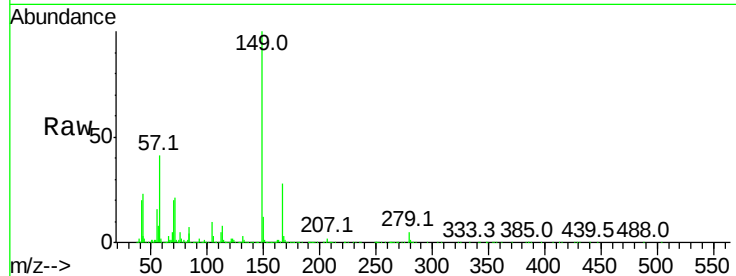
149 100

167 28.4 23.7 35.5

279 5.2 4.6 6.8

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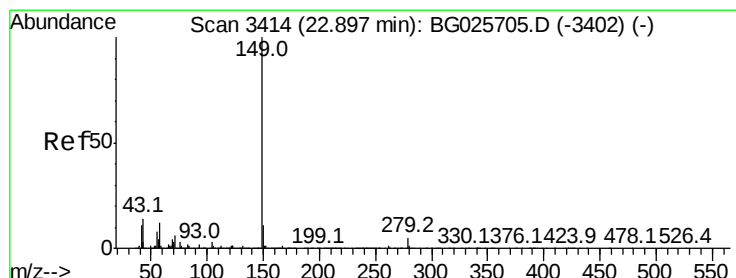
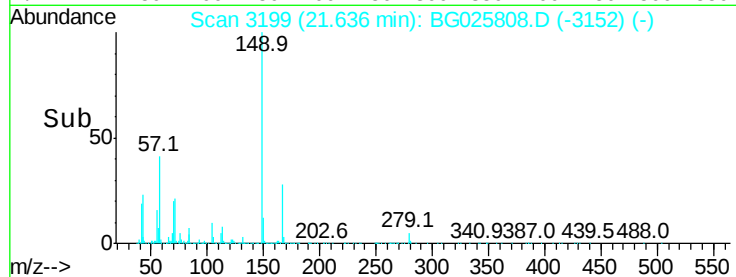
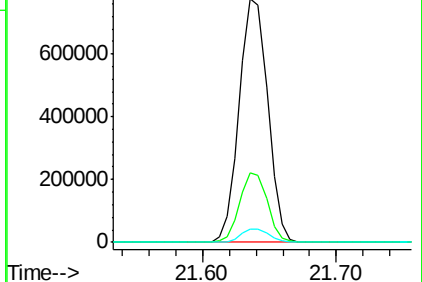
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.41 ng

RT: 22.88 min Scan# 3410

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

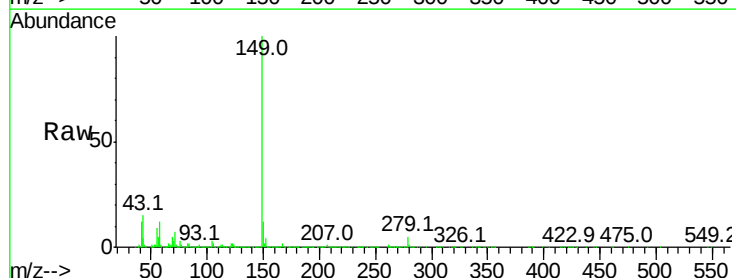
Tgt Ion:149 Resp: 1915991

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.2

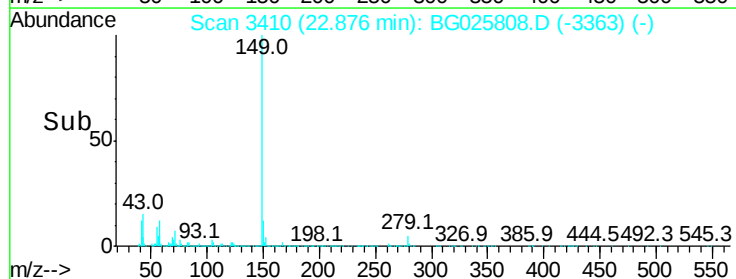
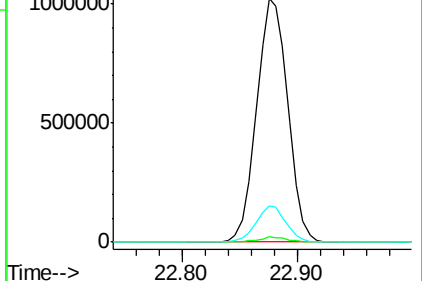
43 14.2 11.8 17.6

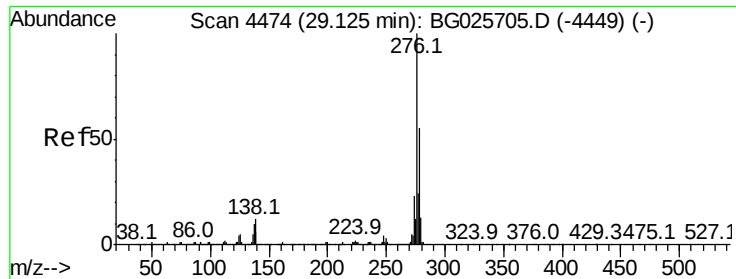


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





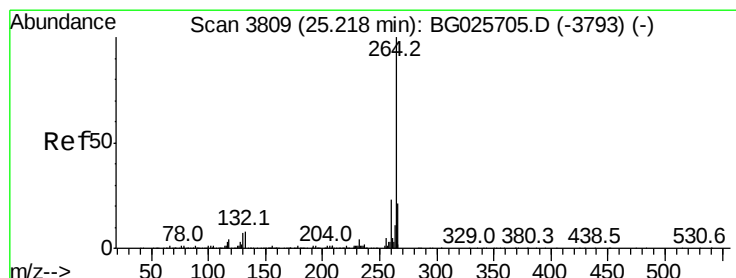
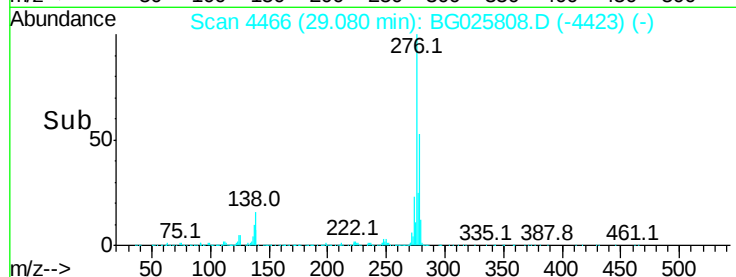
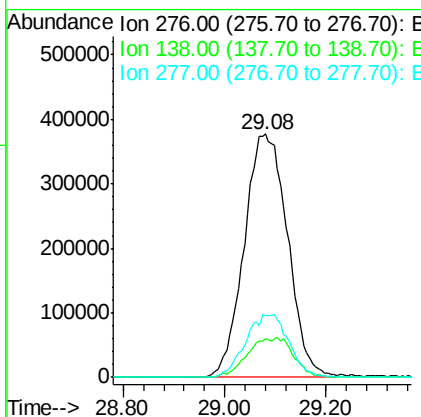
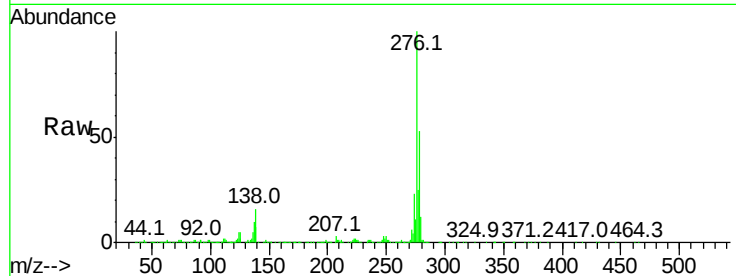
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.32 ng
RT: 29.08 min Scan# 4466
Delta R.T. -0.04 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion:276 Resp: 2236392
Ion Ratio Lower Upper
276 100
138 9.5 4.7 7.1#
277 25.7 20.6 31.0

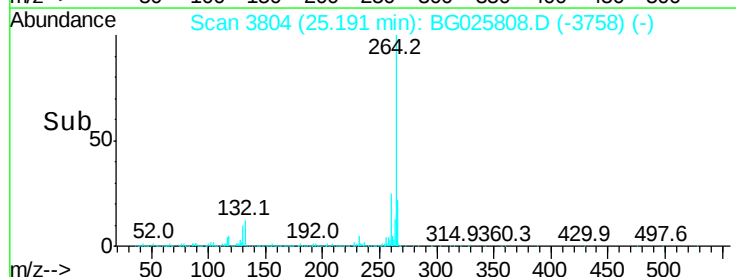
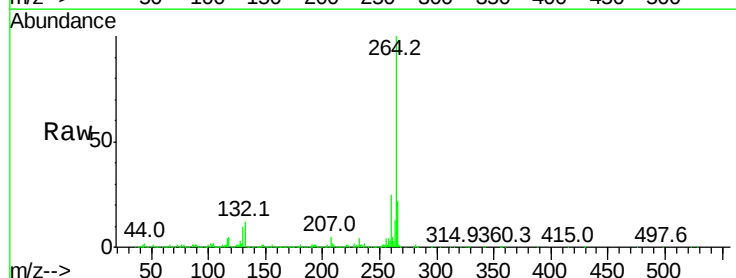
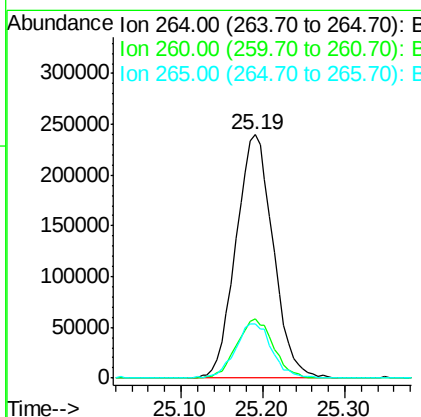
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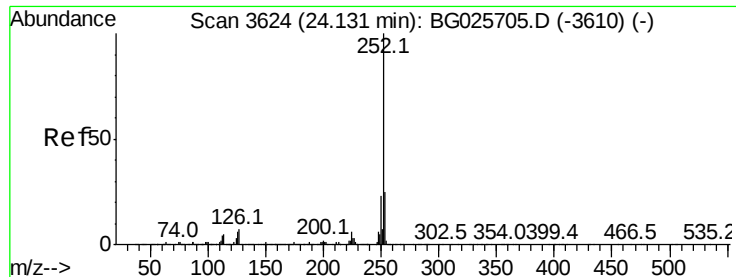
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3804
Delta R.T. -0.03 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion:264 Resp: 757412
Ion Ratio Lower Upper
264 100
260 24.5 21.8 32.8
265 22.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.81 ng m

RT: 24.11 min Scan# 3620

Delta R.T. -0.02 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Instrument :

BNA_G

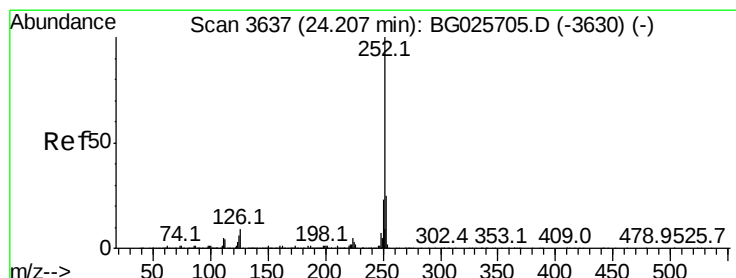
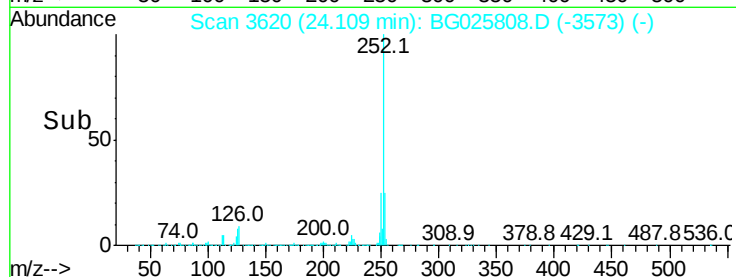
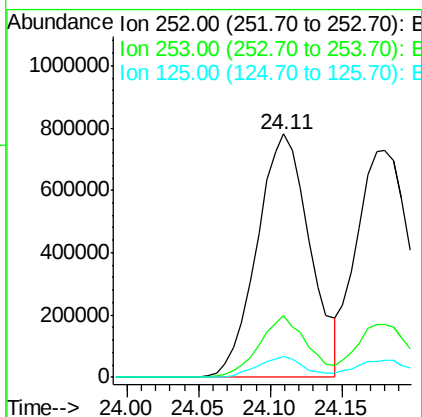
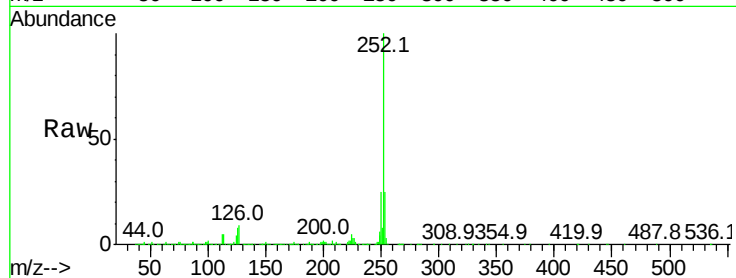
ClientSampleId :

PB96733BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.7	28.1
125	8.4	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 44.12 ng

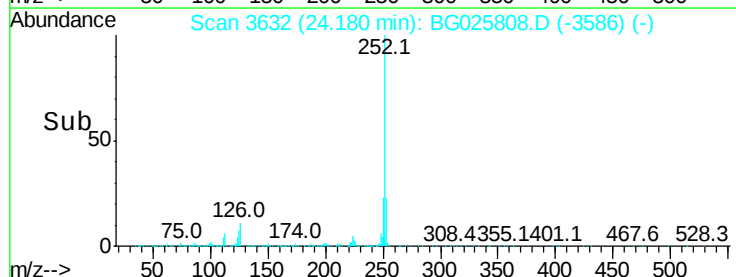
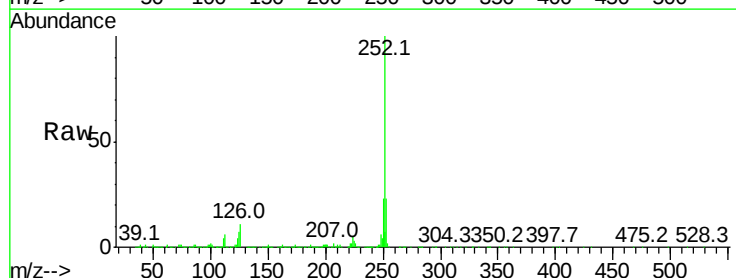
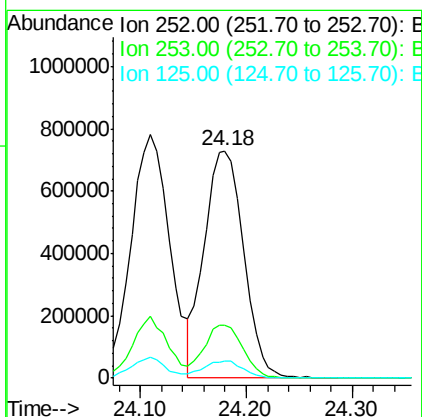
RT: 24.18 min Scan# 3632

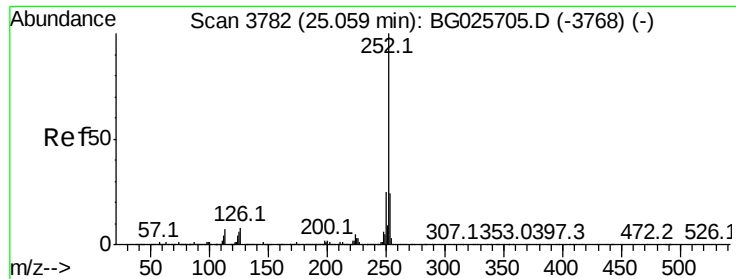
Delta R.T. -0.03 min

Lab File: BG025808.D

Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.2	30.2
125	7.4	5.1	7.7





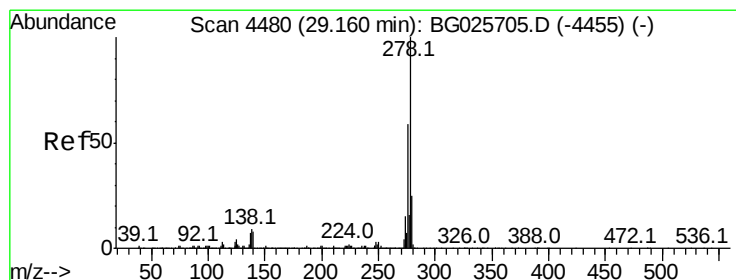
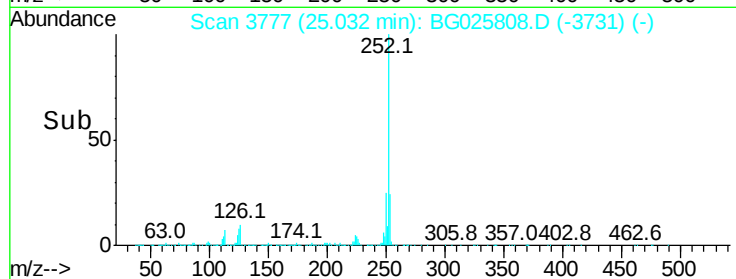
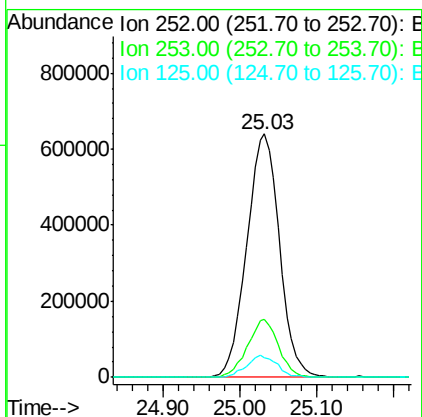
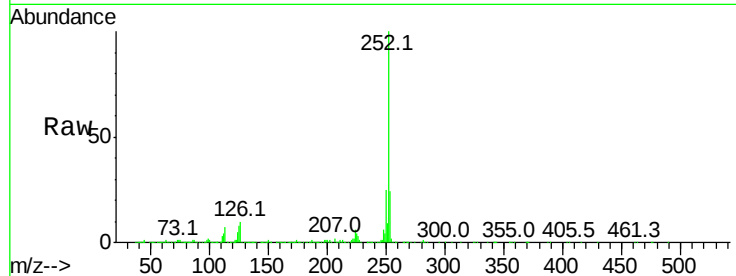
#89
Benzo(a)pyrene
Concen: 45.64 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.03 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PB96733BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	8.2	5.4	8.0#

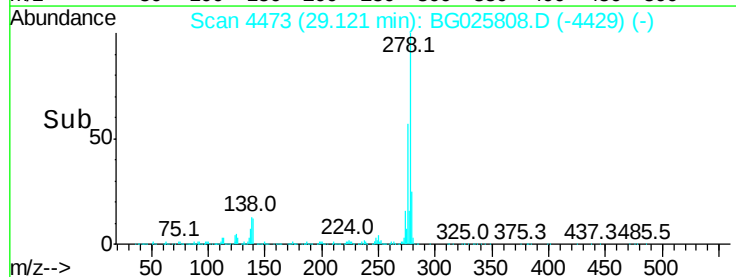
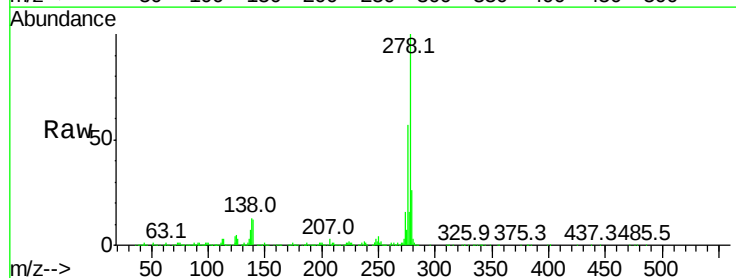
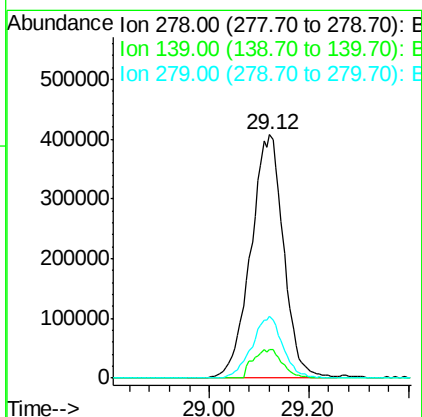
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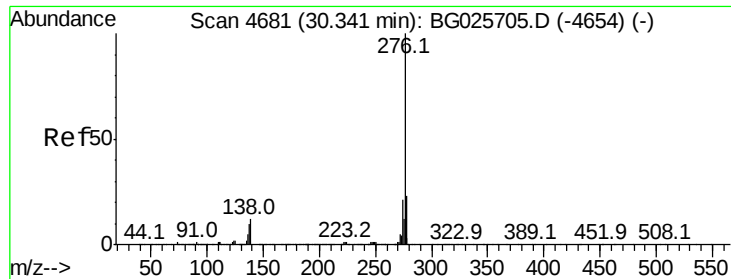
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 43.22 ng
RT: 29.12 min Scan# 4473
Delta R.T. -0.04 min
Lab File: BG025808.D
Acq: 6 Feb 2017 18:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	7.7	11.5#
279	25.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 43.87 ng
 RT: 30.30 min Scan# 4673
 Delta R.T. -0.04 min
 Lab File: BG025808.D
 Acq: 6 Feb 2017 18:46

Instrument :
 BNA_G
 ClientSampleId :
 PB96733BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	14.6	8.1	12.1#

Manual Integrations
 APPROVED

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 2/7/2017 3:15:49 PM

