

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020417\
 Data File : BG025801.D
 Acq On : 3 Feb 2017 19:16
 Operator : SJ/MA
 Sample : PB96126BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Manual Integrations
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 2/6/2017 3:19:33 PM

Quant Time: Feb 03 22:19:26 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	8.16	152	78917	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	351143	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	285744	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	651196	20.00	ng	0.00
75) Chrysene-d12	21.83	240	790829	20.00	ng	0.00
86) Perylene-d12	25.21	264	780894	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	659459	149.76	ng	0.00
7) Phenol-d6	7.33	99	966707	150.32	ng	0.00
23) Nitrobenzene-d5	9.35	82	686027	82.55	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	496734	121.90	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1399357	79.54	ng	0.00
78) Terphenyl-d14	20.12	244	2419523	73.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	68431	34.28	ng	99
3) Pyridine	3.94	79	199378	36.81	ng	95
4) n-Nitrosodimethylamine	3.87	42	139765	44.85	ng	93
6) Aniline	7.49	93	218434	24.11	ng	93
8) 2-Chlorophenol	7.73	128	239083	47.83	ng	99
9) Benzaldehyde	7.31	77	125738	23.05	ng	92
10) Phenol	7.36	94	355996	49.25	ng	92
11) bis(2-Chloroethyl)ether	7.57	93	246122	43.06	ng	90
12) 1,3-Dichlorobenzene	8.05	146	250071	40.91	ng	95
13) 1,4-Dichlorobenzene	8.20	146	250617	40.33	ng	96
14) 1,2-Dichlorobenzene	8.52	146	243454	40.89	ng	97
15) Benzyl Alcohol	8.41	79	266792	47.97	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.69	45	484591	41.99	ng	95
17) 2-Methylphenol	8.61	107	231079	46.80	ng	94
18) Hexachloroethane	9.24	117	100428	39.68	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	239328	42.17	ng	98
20) 3+4-Methylphenols	8.95	107	314473	46.67	ng	97
22) Acetophenone	9.00	105	409775	42.62	ng	# 99
24) Nitrobenzene	9.40	77	363480	40.06	ng	99
25) Isophorone	9.90	82	642346	39.67	ng	96
26) 2-Nitrophenol	10.11	139	144855	45.05	ng	91
27) 2,4-Dimethylphenol	10.15	122	264265	47.19	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	364481	42.52	ng	97
29) 2,4-Dichlorophenol	10.66	162	265468	46.19	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	275532	41.22	ng	98
31) Naphthalene	11.04	128	739247	40.55	ng	99
32) Benzoic acid	10.33	122	150248	42.54	ng	93
33) 4-Chloroaniline	11.18	127	101625	13.41	ng	92
34) Hexachlorobutadiene	11.29	225	194940	35.85	ng	98
35) Caprolactam	11.95	113	100715m	41.13	ng	
36) 4-Chloro-3-methylphenol	12.28	107	315417	45.05	ng	97
37) 2-Methylnaphthalene	12.63	142	584420	41.52	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	371364	38.81	ng	99
40) Hexachlorocyclopentadiene	12.96	237	224386	63.27	ng	93

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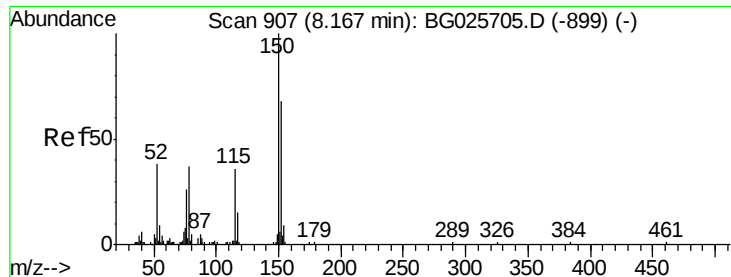
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	235530	42.04	ng	97
43) 2,4,5-Trichlorophenol	13.33	196	245608	40.61	ng	99
45) 1,1'-Biphenyl	13.63	154	829762	41.74	ng	98
46) 2-Chloronaphthalene	13.68	162	628202	40.24	ng	96
47) 2-Nitroaniline	13.90	65	277034	41.24	ng	98
48) Acenaphthylene	14.52	152	992362	38.21	ng	97
49) Dimethylphthalate	14.24	163	835044	38.81	ng	98
50) 2,6-Dinitrotoluene	14.38	165	192909	39.59	ng	96
51) Acenaphthene	14.86	154	649520	40.48	ng	97
52) 3-Nitroaniline	14.73	138	105264	22.91	ng #	98
53) 2,4-Dinitrophenol	14.95	184	214842	74.44	ng #	89
54) Dibenzofuran	15.19	168	1035007	42.69	ng	96
55) 4-Nitrophenol	15.05	139	263802	74.66	ng	87
56) 2,4-Dinitrotoluene	15.18	165	284330	39.88	ng #	77
57) Fluorene	15.84	166	842289	39.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	244119	43.20	ng	98
59) Diethylphthalate	15.59	149	881150	38.63	ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	450054	38.54	ng	98
61) 4-Nitroaniline	15.89	138	185038	40.10	ng	95
62) Azobenzene	16.12	77	1032349	44.47	ng	96
64) 4,6-Dinitro-2-methylphenol	15.95	198	181747	39.27	ng	80
65) n-Nitrosodiphenylamine	16.04	169	781394	41.80	ng	99
66) 4-Bromophenyl-phenylether	16.72	248	314237	39.68	ng	98
67) Hexachlorobenzene	16.85	284	349531	39.25	ng	94
68) Atrazine	16.98	200	327053	35.44	ng	97
69) Pentachlorophenol	17.20	266	303684	77.60	ng	99
70) Phenanthrene	17.59	178	1425557	40.29	ng	98
71) Anthracene	17.68	178	1493564	40.93	ng	99
72) Carbazole	17.96	167	1322204	37.41	ng	96
73) Di-n-butylphthalate	18.46	149	1615786	39.51	ng	98
74) Fluoranthene	19.58	202	1785790	36.82	ng	97
76) Benzidine	19.77	184	412976	15.21	ng	95
77) Pyrene	19.95	202	1818914	41.29	ng	98
79) Butylbenzylphthalate	20.79	149	798545	43.66	ng	95
80) Benzo(a)anthracene	21.81	228	1915443	40.90	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	398554	21.68	ng	99
82) Chrysene	21.88	228	1728155	39.04	ng	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	1122571	44.07	ng	96
84) Di-n-octyl phthalate	22.89	149	1879547	45.42	ng	98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2260636	41.89	ng #	98
87) Benzo(b)fluoranthene	24.13	252	1931822	42.80	ng	98
88) Benzo(k)fluoranthene	24.20	252	1850876	41.90	ng	96
89) Benzo(a)pyrene	25.05	252	1858073	43.28	ng #	97
90) Dibenzo(a,h)anthracene	29.15	278	1895585	42.70	ng #	96
91) Benzo(g,h,i)perylene	30.34	276	1867268	42.33	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG025801.D

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Instrument :

BNA_G

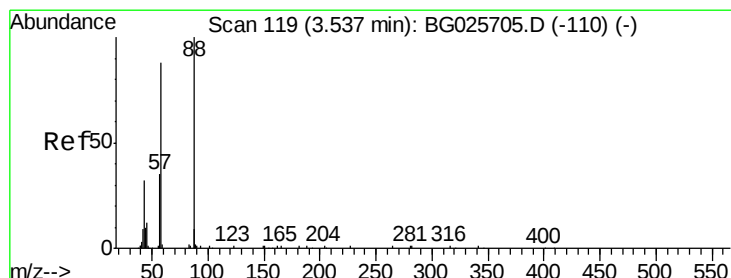
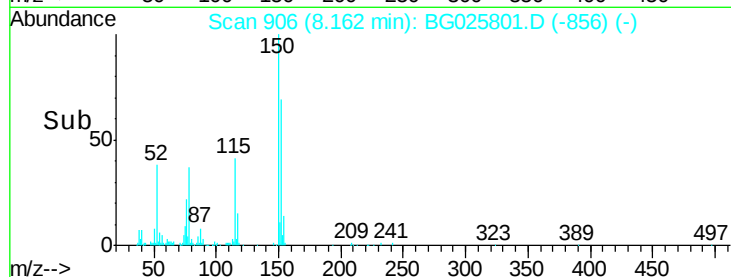
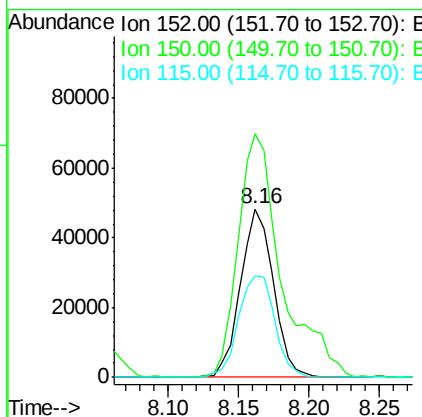
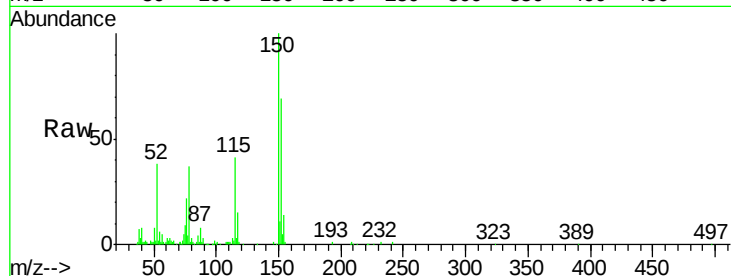
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.8	114.0	171.0
115	60.1	48.1	72.1

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#2

1,4-Dioxane

Concen: 34.28 ng

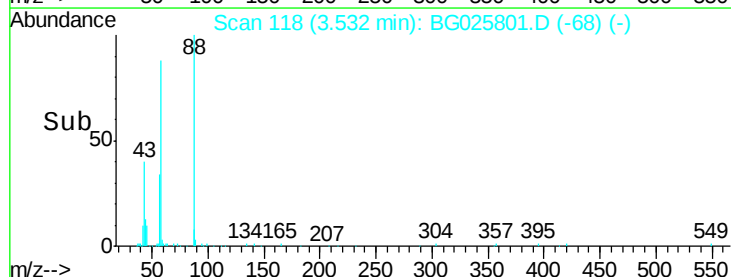
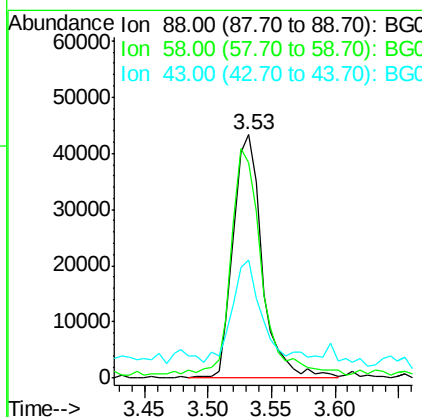
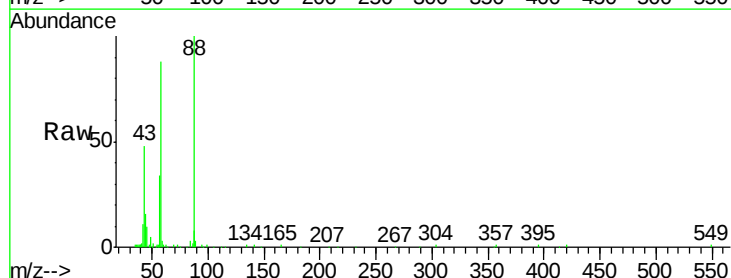
RT: 3.53 min Scan# 118

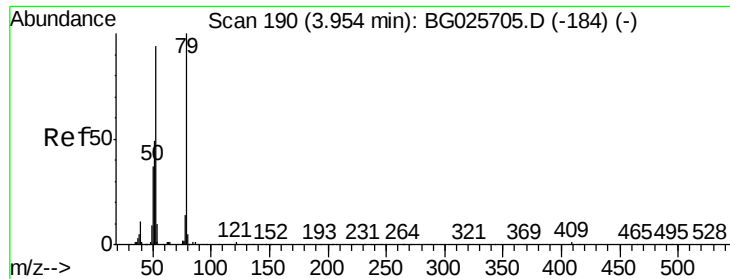
Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.1	79.4	119.2
43	43.0	33.8	50.6





#3

Pyridine

Concen: 36.81 ng

RT: 3.94 min Scan# 188

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

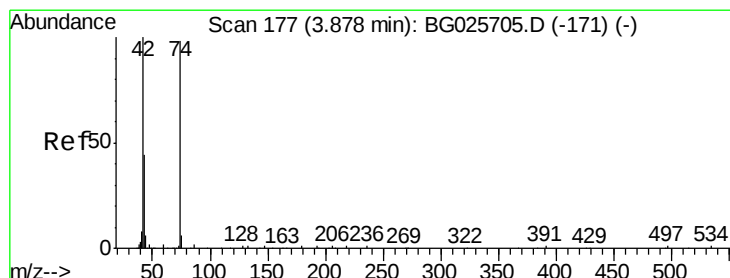
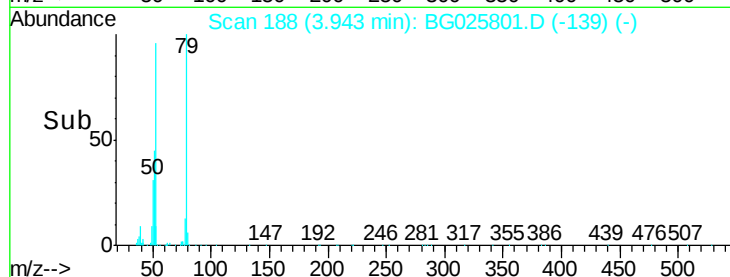
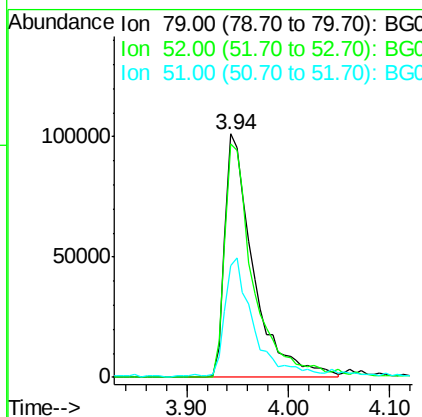
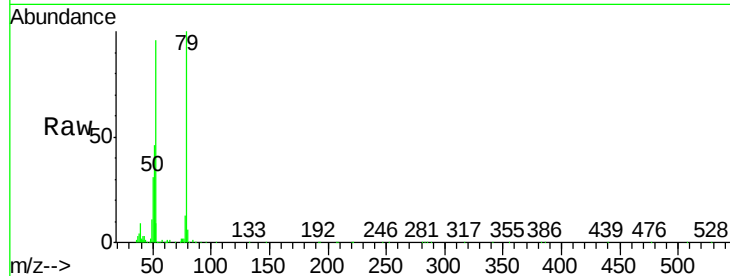
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
79	100		
52	95.6	77.8	116.6
51	45.7	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 44.85 ng

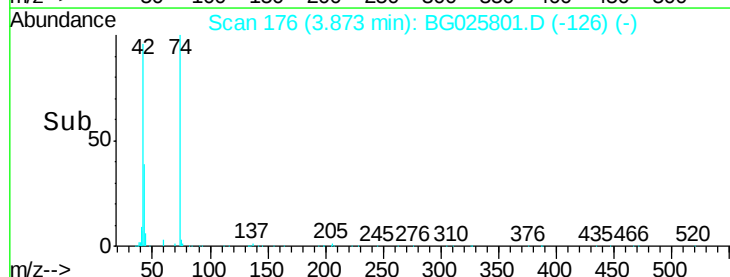
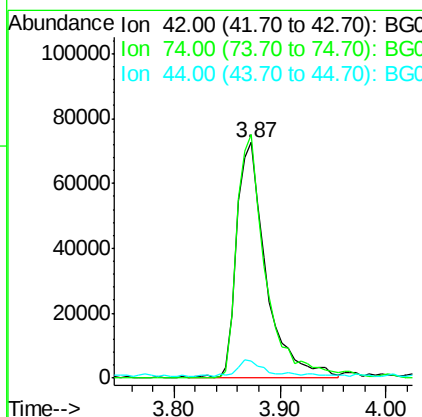
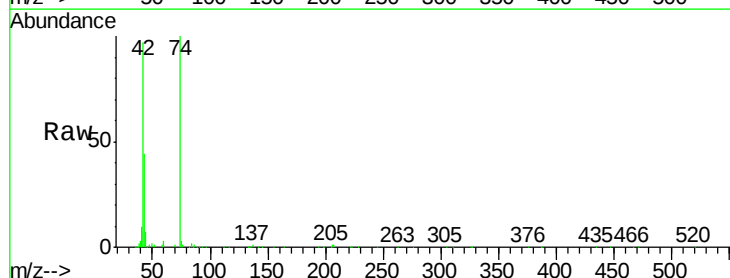
RT: 3.87 min Scan# 176

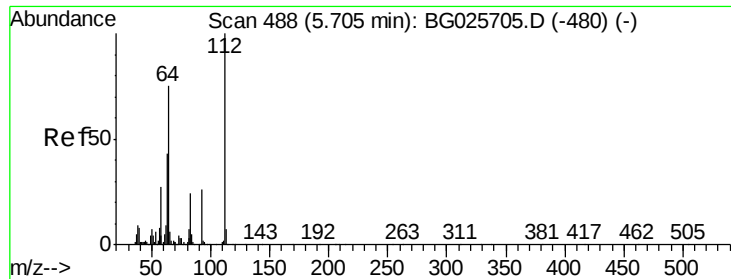
Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.2	76.7	115.1
44	7.0	6.1	9.1





#5

2-Fluorophenol

Concen: 149.76 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

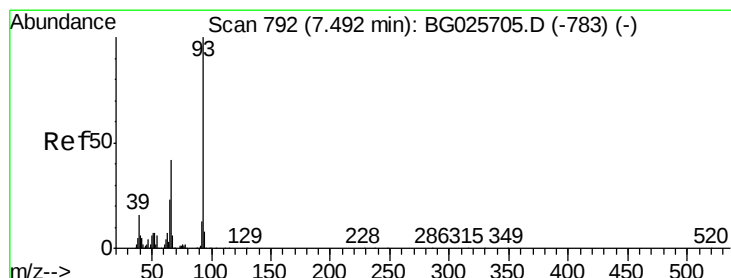
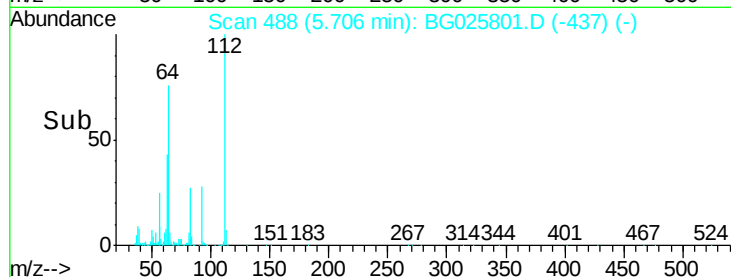
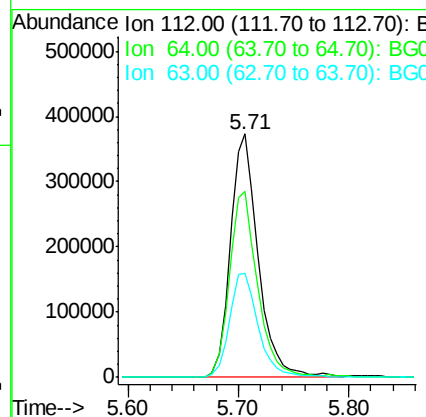
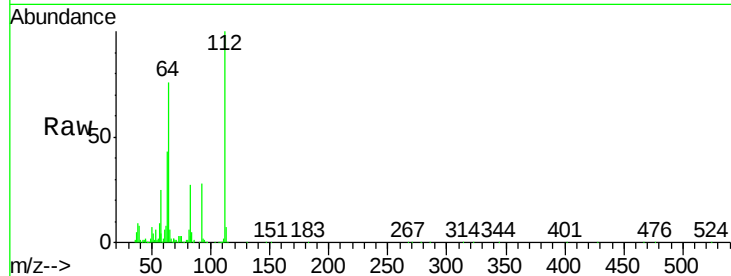
ClientSampleId :

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Tgt Ion:	112	Resp:	659459
Ion Ratio	Lower	Upper	
112	100		
64	76.4	61.8	92.6
63	42.9	37.2	55.8

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#6

Aniline

Concen: 24.11 ng

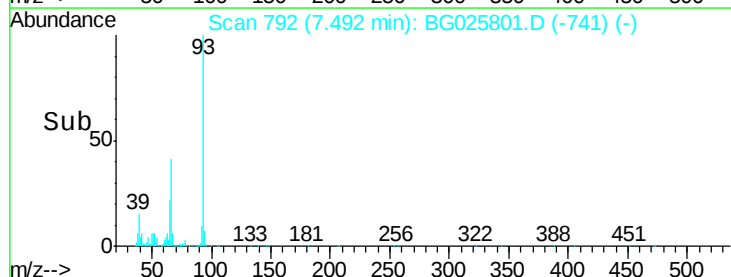
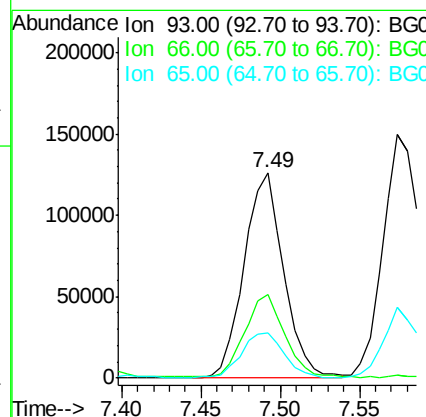
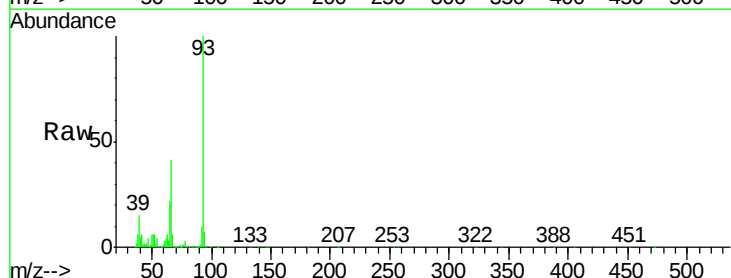
RT: 7.49 min Scan# 792

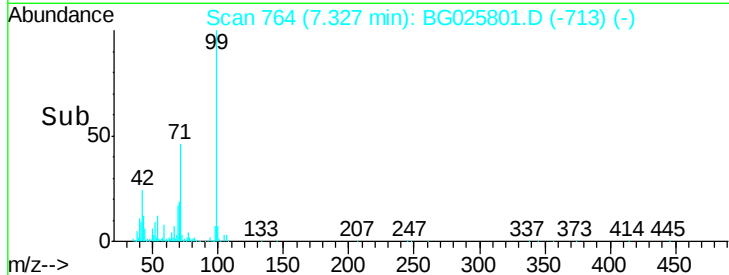
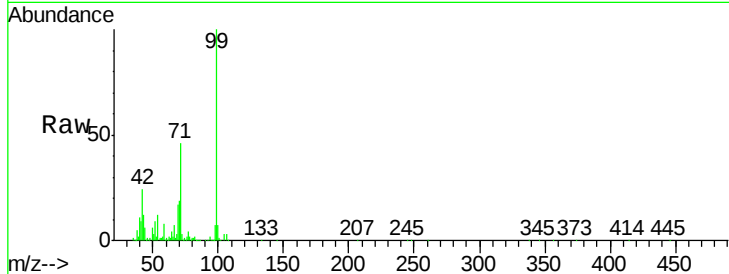
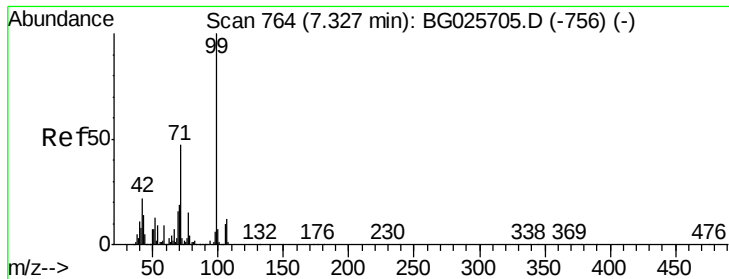
Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion:	93	Resp:	218434
Ion Ratio	Lower	Upper	
93	100		
66	40.6	35.4	53.2
65	22.2	21.2	31.8





#7

Phenol-d6

Concen: 150.32 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	966707		
42	24.4	20.5	30.7	
71	46.2	37.6	56.4	

Instrument :

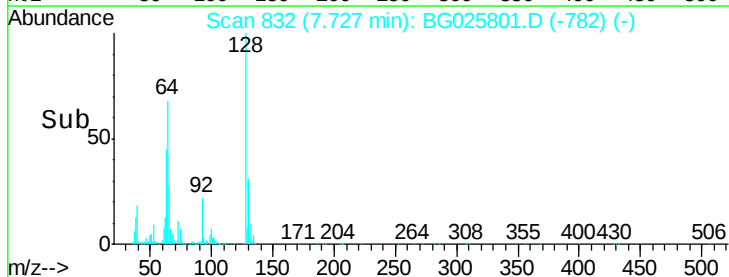
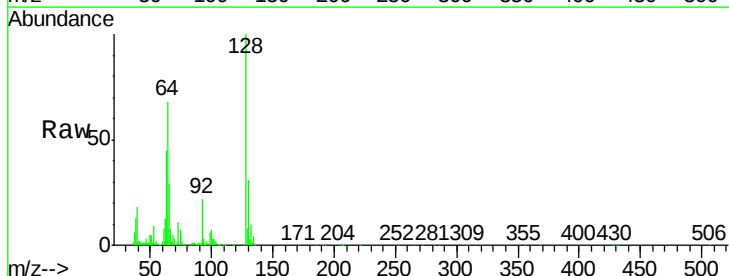
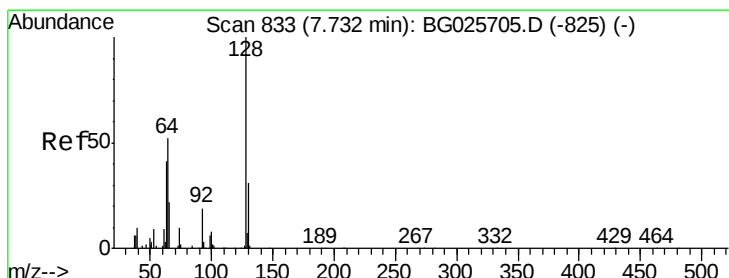
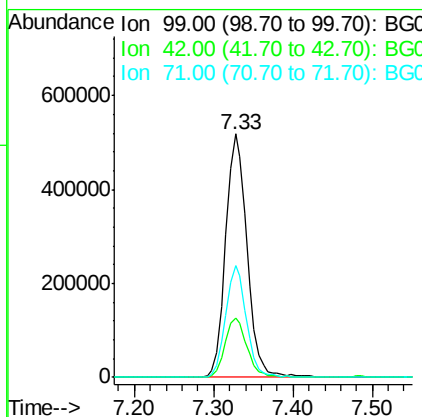
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#8

2-Chlorophenol

Concen: 47.83 ng

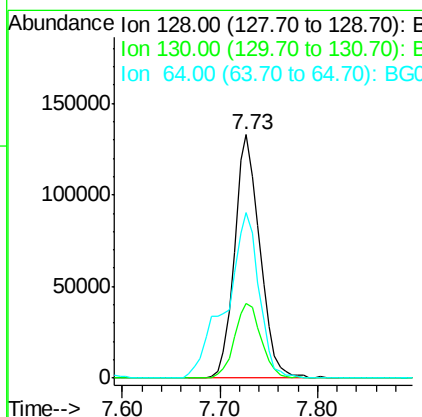
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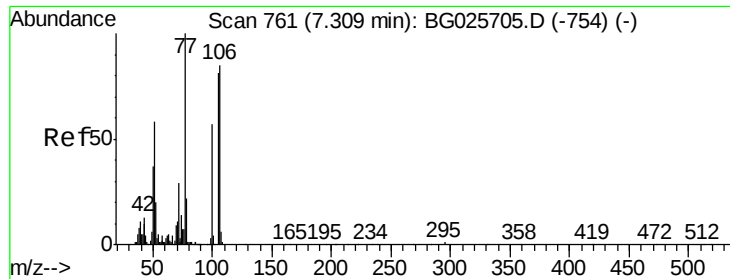
Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	239083		
130	30.6	11.4	51.4	
64	67.8	46.6	86.6	





#9

Benzaldehyde

Concen: 23.05 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

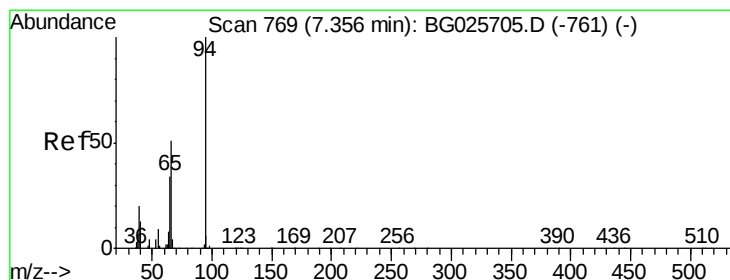
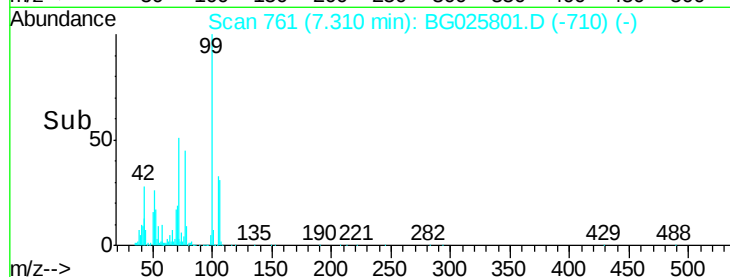
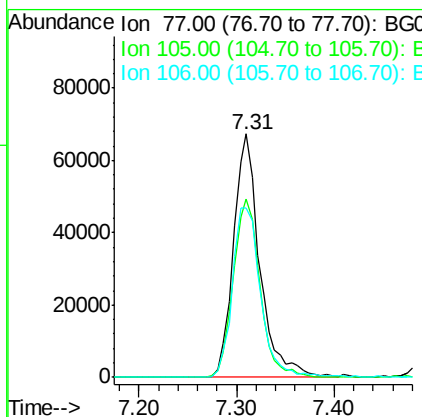
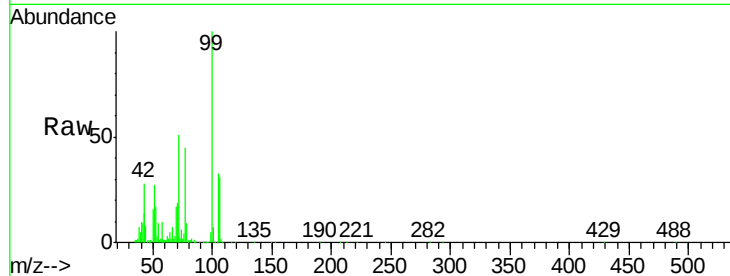
ClientSampleId :

PB96126BSD

Tgt Ion:	77	Resp:	125738
Ion Ratio	Lower	Upper	
77	100		
105	73.1	60.9	100.9
106	69.8	55.1	95.1

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#10

Phenol

Concen: 49.25 ng

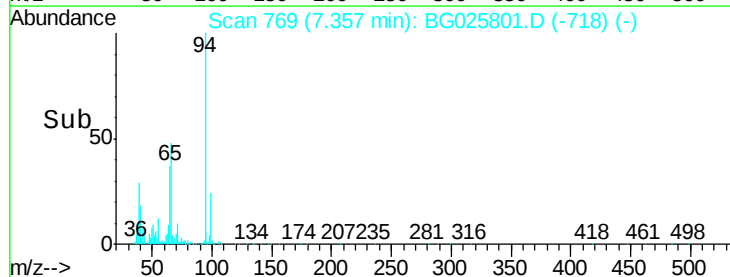
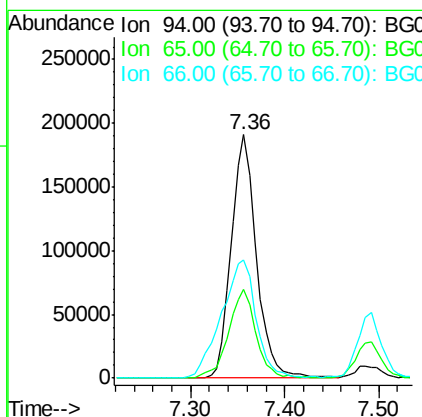
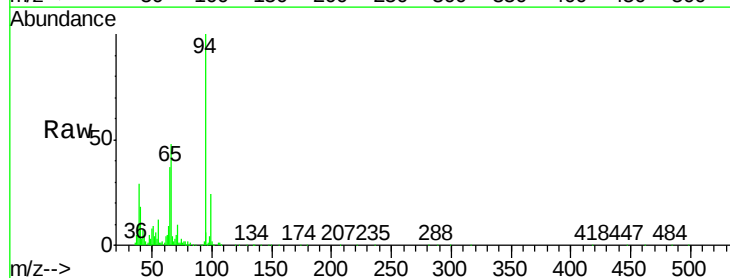
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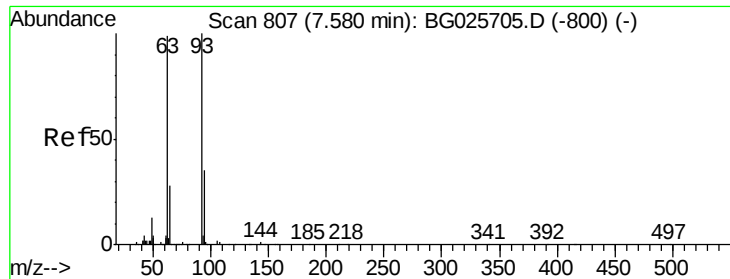
Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion:	94	Resp:	355996
Ion Ratio	Lower	Upper	
94	100		
65	36.6	20.6	60.6
66	48.5	35.5	75.5





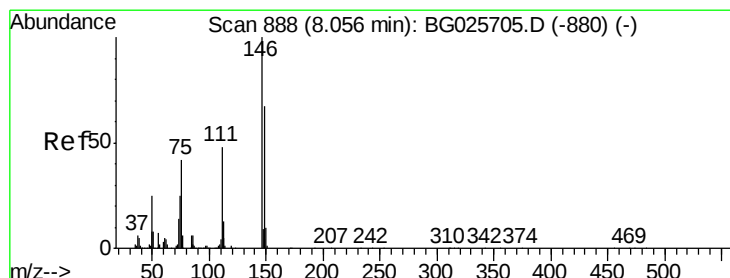
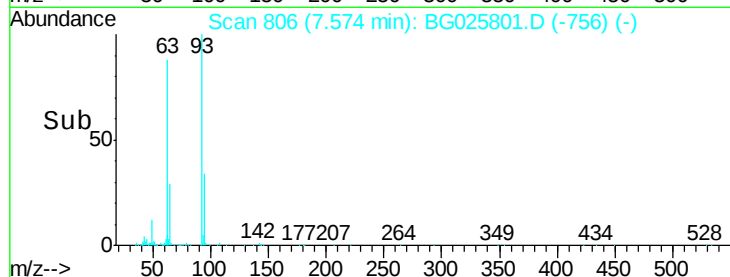
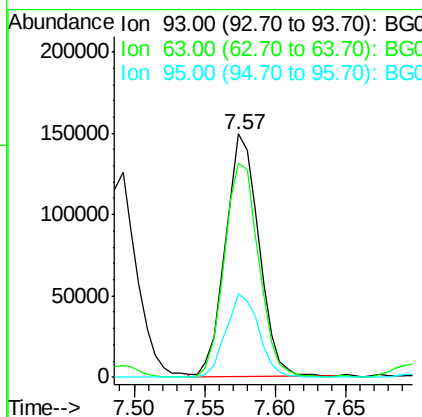
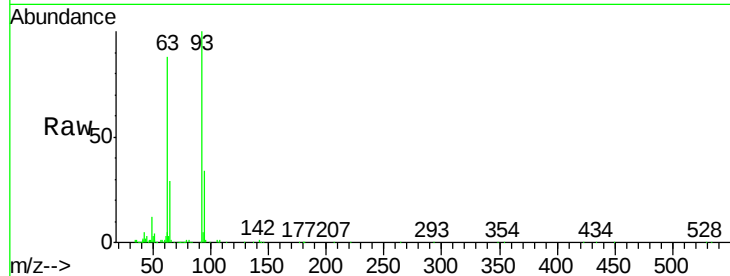
#11
bis(2-Chloroethyl)ether
Concen: 43.06 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	246122		
63	87.9	78.5	118.5	
95	34.4	9.8	49.8	

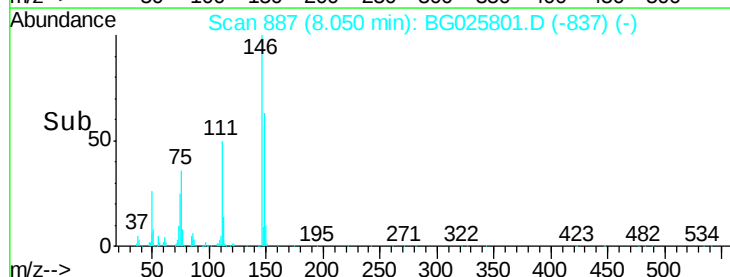
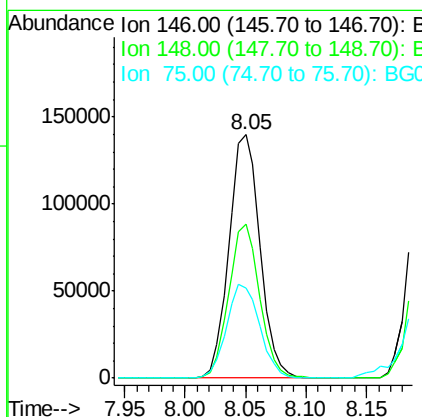
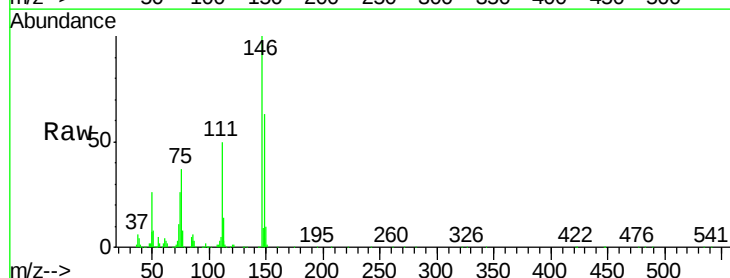
Manual Integrations
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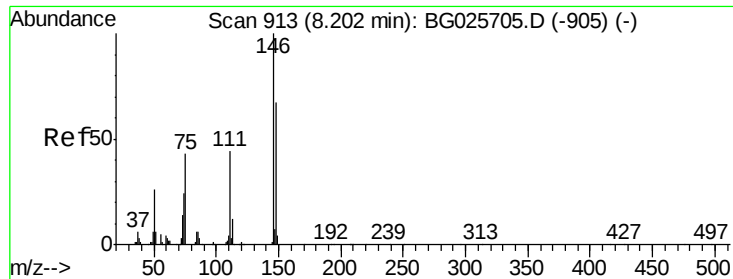
mohammad
2/6/2017 3:19:33 PM



#12
1,3-Dichlorobenzene
Concen: 40.91 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	250071		
148	63.4	49.2	73.8	
75	36.8	33.4	50.2	





#13

1,4-Dichlorobenzene

Concen: 40.33 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

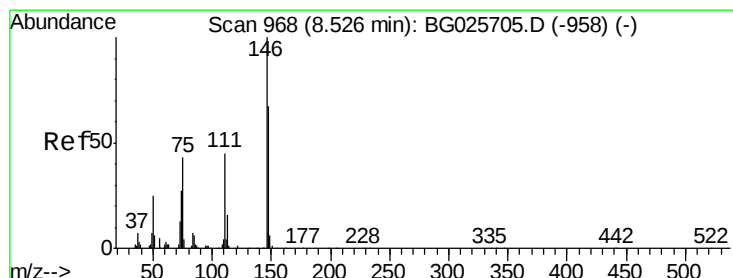
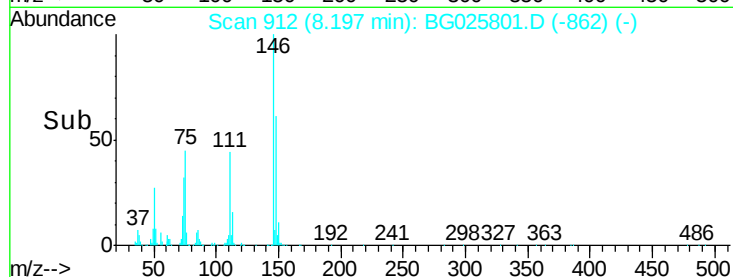
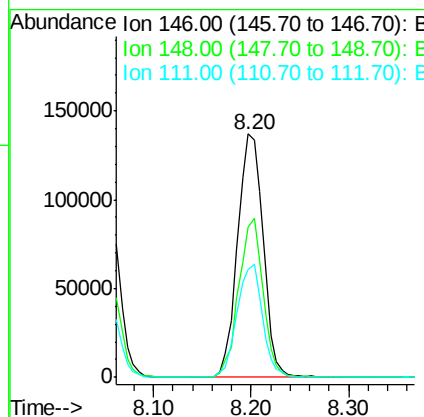
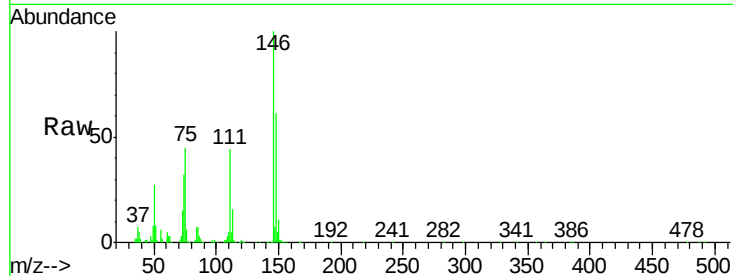
ClientSampleId :

PB96126BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.2	78.2
111	44.5	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 40.89 ng

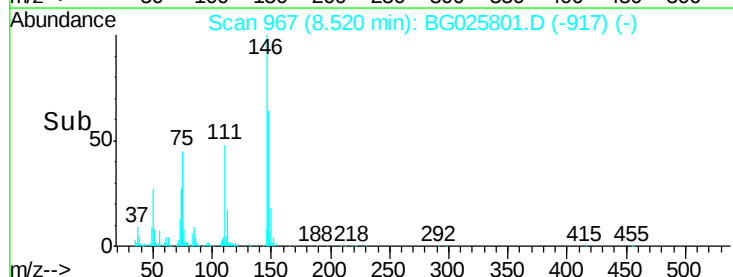
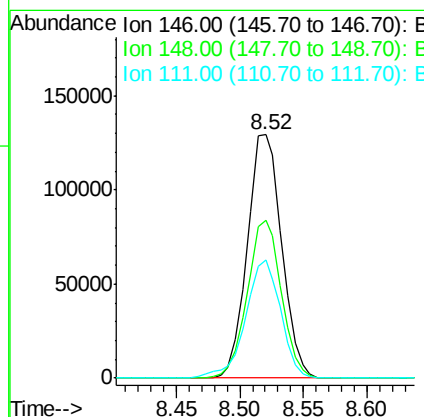
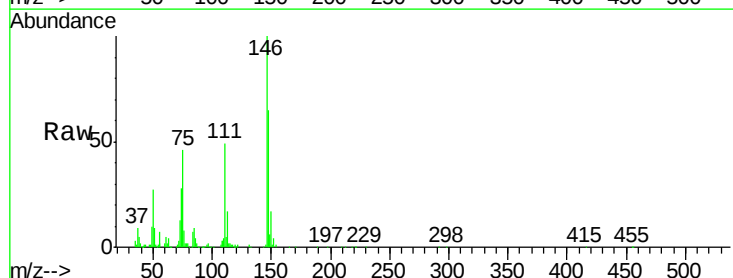
RT: 8.52 min Scan# 967

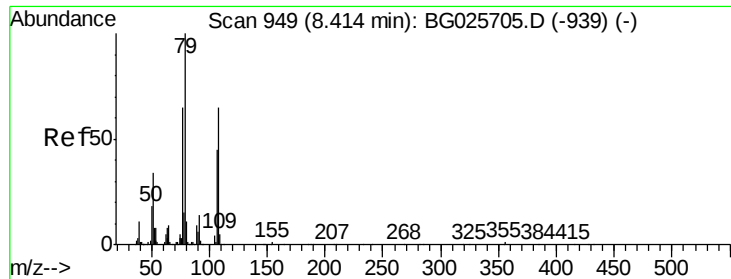
Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	54.6	81.8
111	48.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.97 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

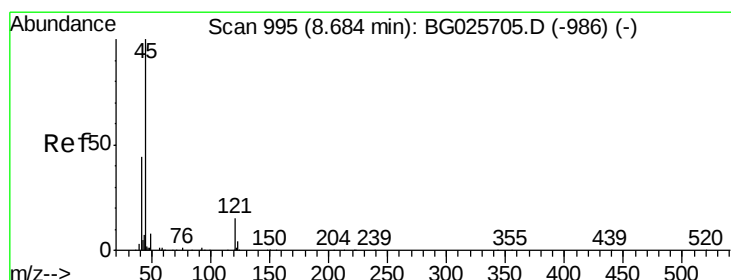
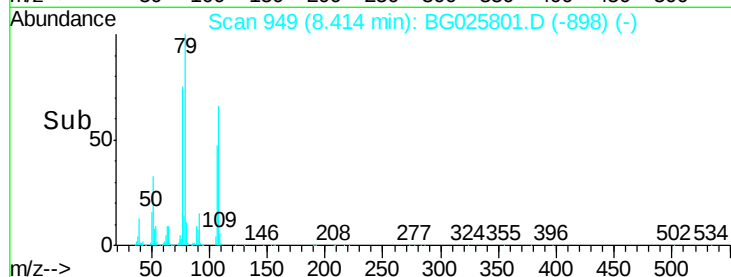
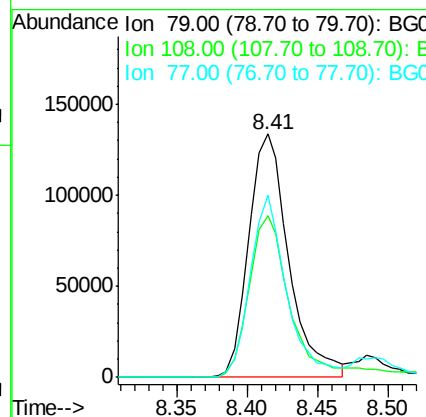
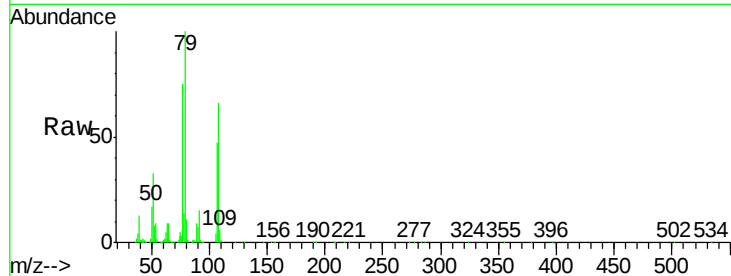
ClientSampleId :

PB96126BSD

Tgt Ion:	79	Resp:	266792
Ion Ratio	Lower	Upper	
79	100		
108	66.4	45.5	68.3
77	74.8	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.99 ng

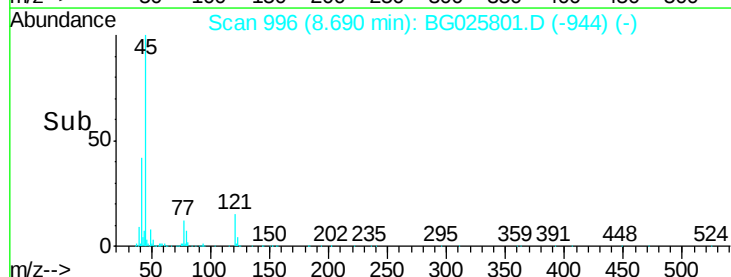
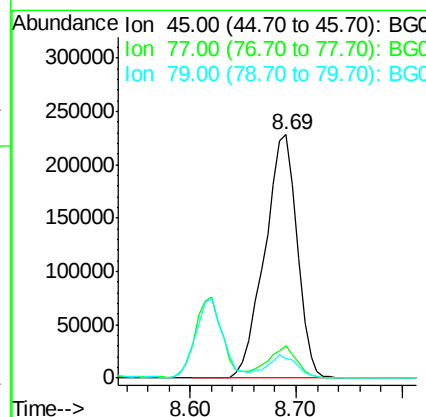
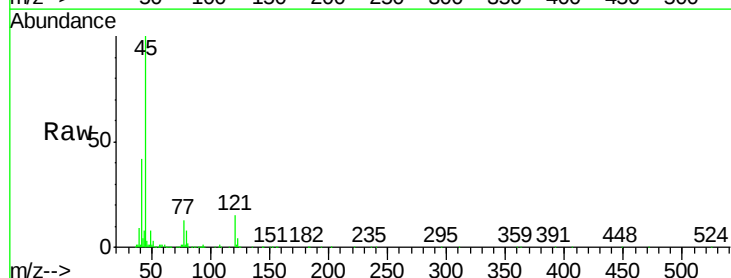
RT: 8.69 min Scan# 996

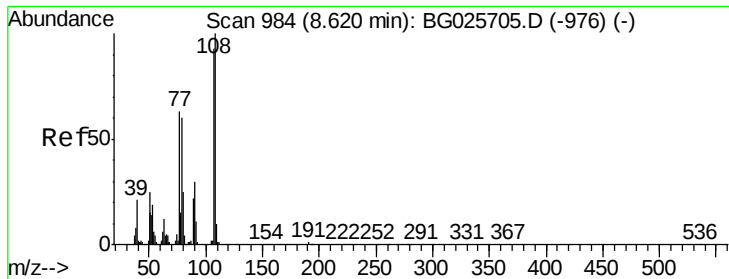
Delta R.T. 0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion:	45	Resp:	484591
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	30.6
79	8.0	0.0	28.5





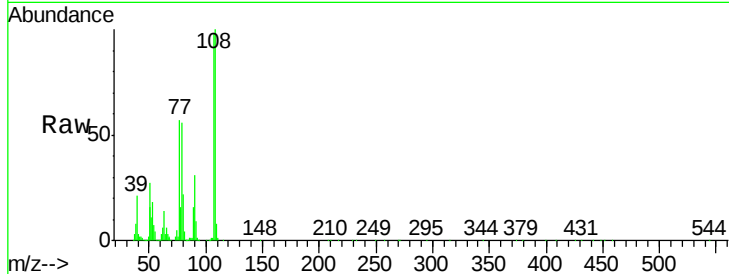
#17
2-Methylphenol
Concen: 46.80 ng
RT: 8.61 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

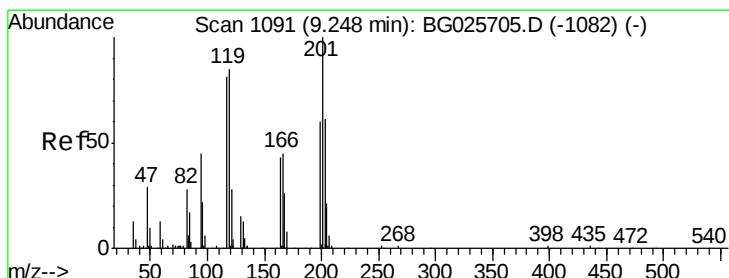
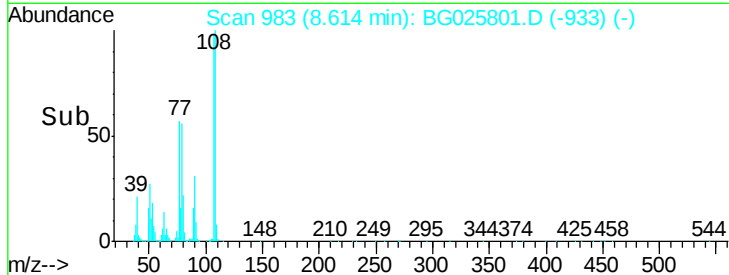
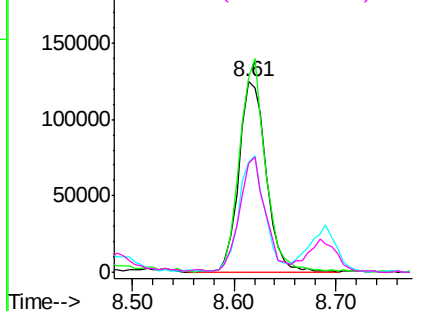
Tgt	Ion	Resp	Lower	Upper
107	100			
108	102.4	85.6	128.4	
77	57.9	51.4	77.2	
79	57.1	49.2	73.8	

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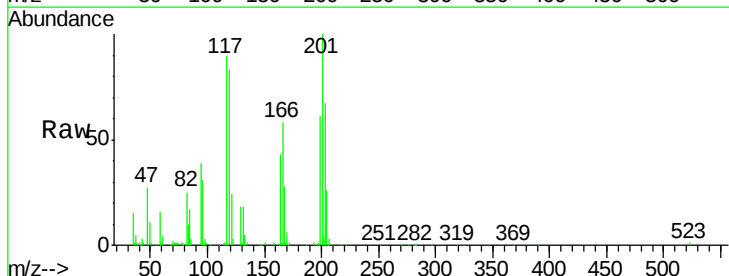


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

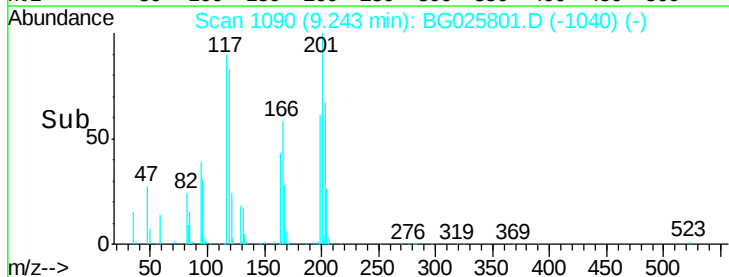
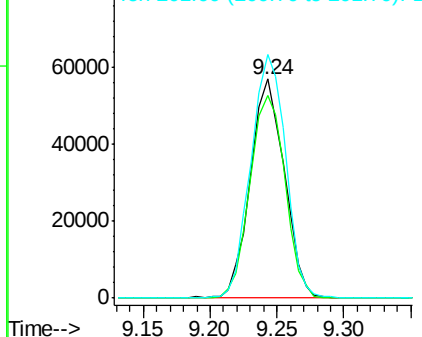


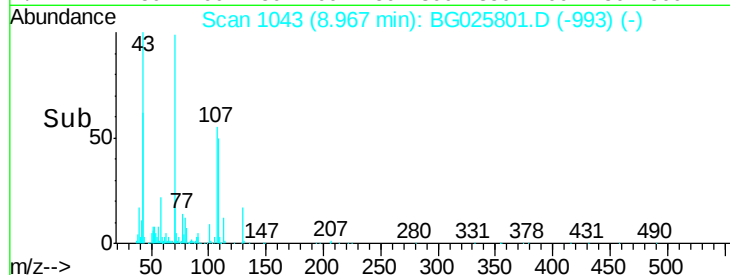
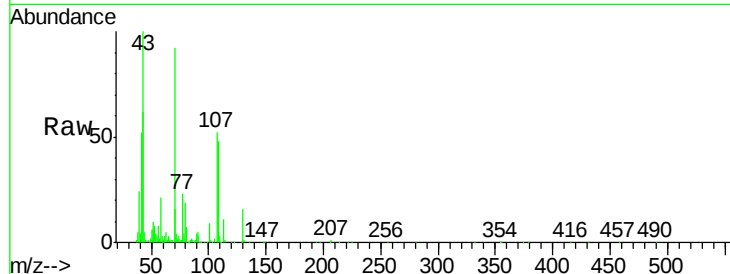
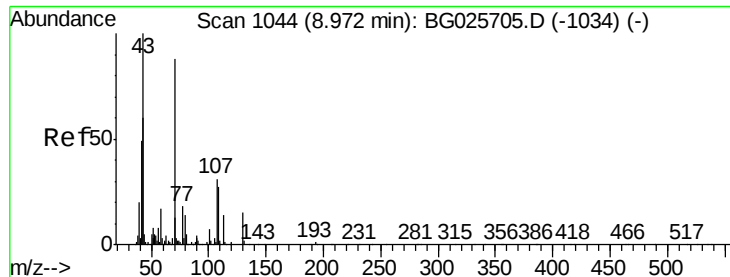
#18
Hexachloroethane
Concen: 39.68 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt	Ion	Resp	Lower	Upper
117	100			
119	92.5	69.8	104.6	
201	111.2	95.4	143.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





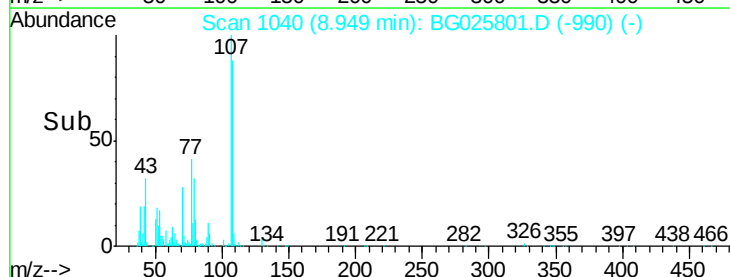
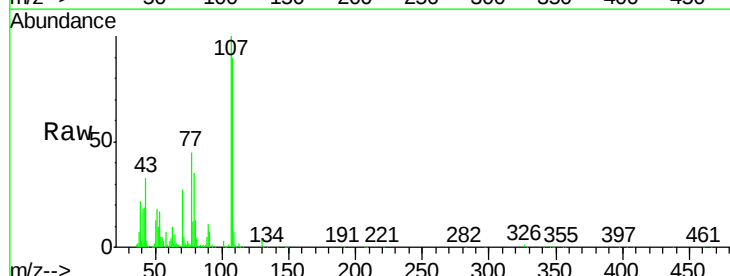
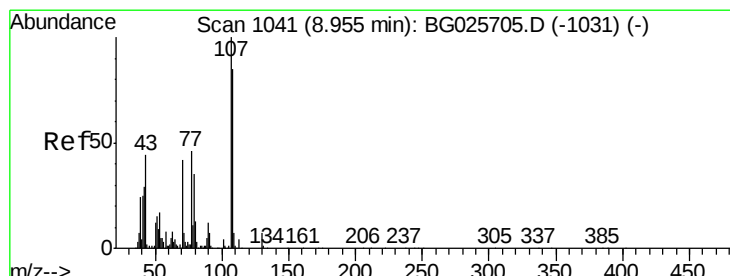
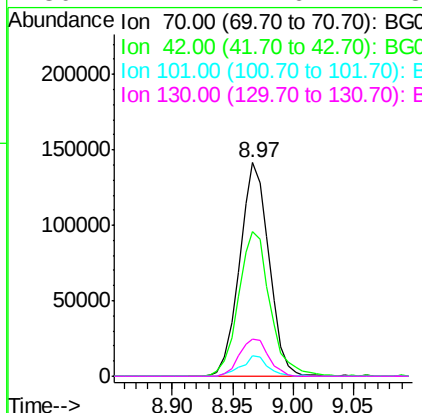
#19
n-Nitroso-di-n-propylamine
Concen: 42.17 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.0	56.1	84.1
101	9.7	7.5	11.3
130	17.4	14.6	21.8

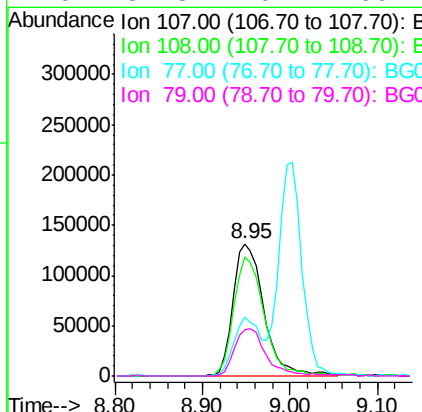
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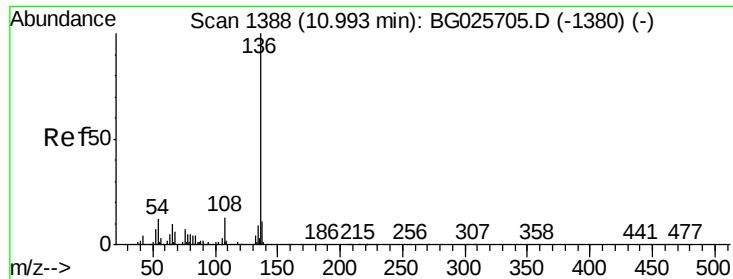
mohammad
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#20
3+4-Methylphenols
Concen: 46.67 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.8	110.8
77	44.6	25.8	65.8
79	34.8	20.1	60.1





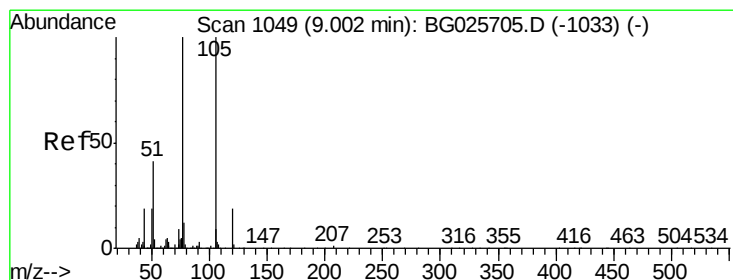
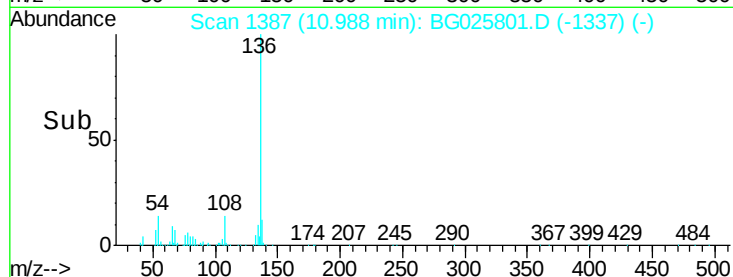
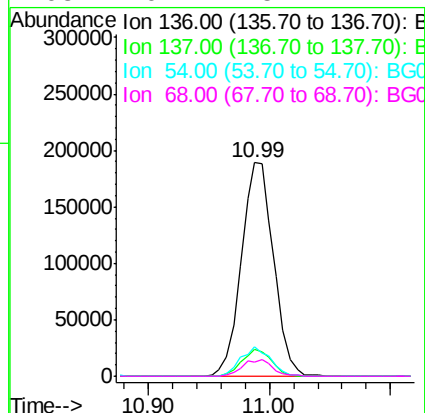
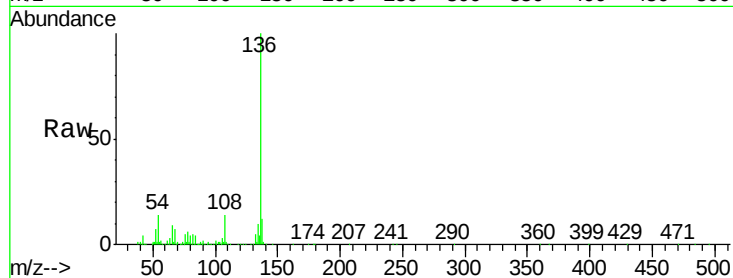
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	351143		
137	12.4	8.9	13.3	
54	13.7	9.3	13.9	
68	6.7	5.1	7.7	

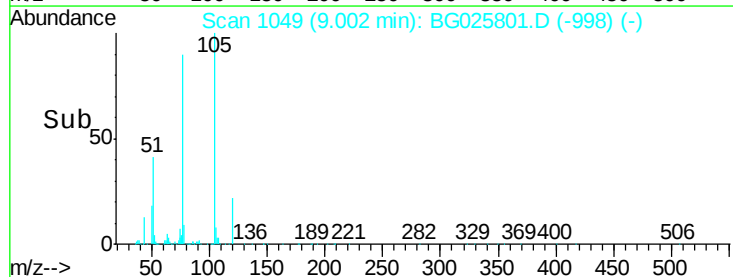
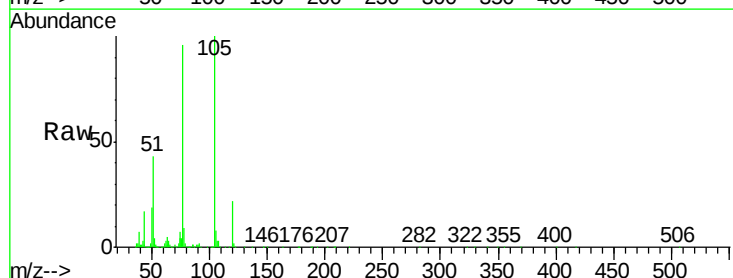
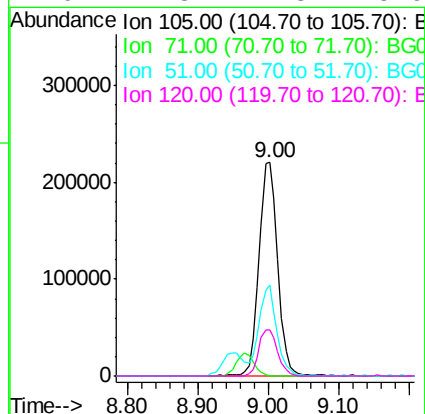
Manual Integrations
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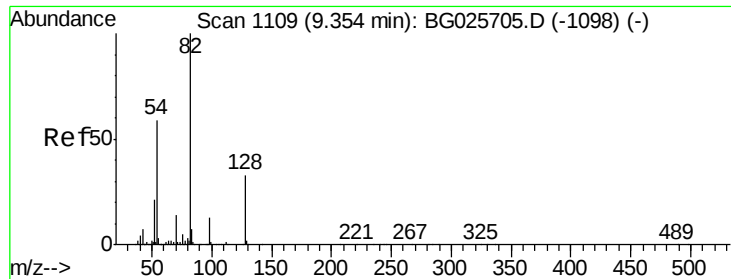
mohammad
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#22
Acetophenone
Concen: 42.62 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	409775		
71	0.2	0.9	1.3#	
51	42.8	34.0	51.0	
120	21.8	17.3	25.9	





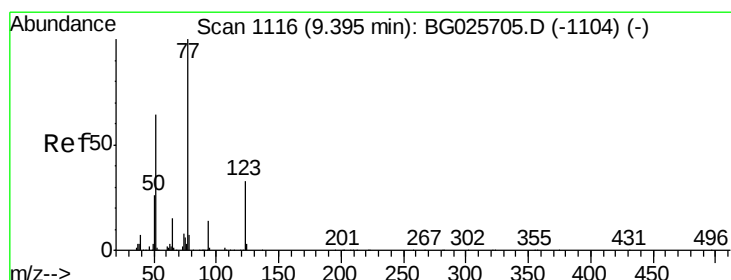
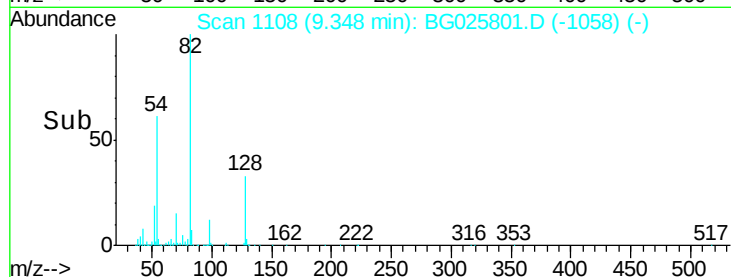
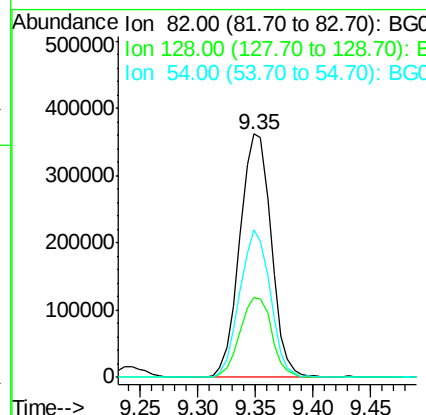
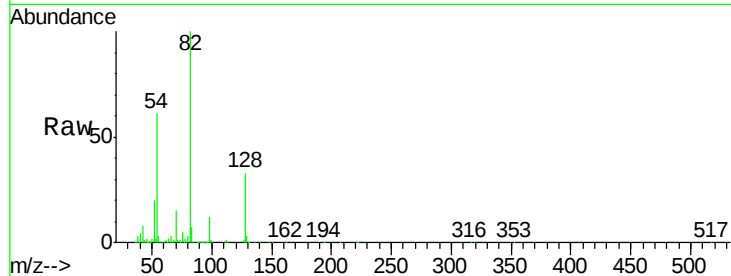
#23
 Nitrobenzene-d5
 Concen: 82.55 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.6	26.4	39.6
54	60.7	49.4	74.2

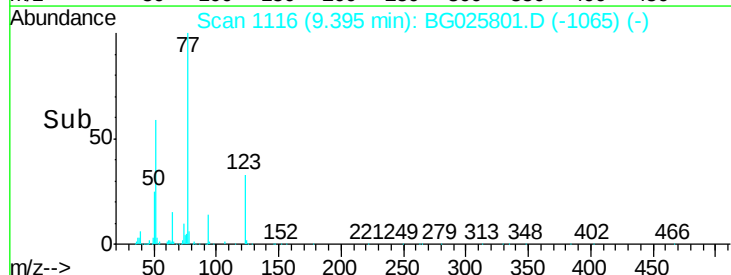
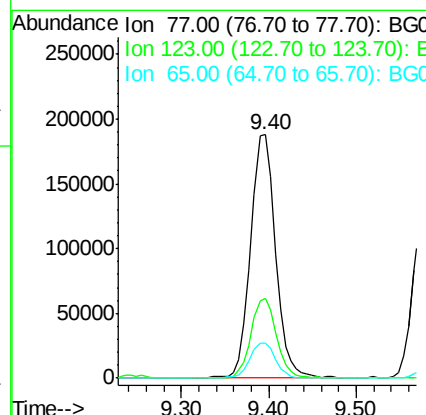
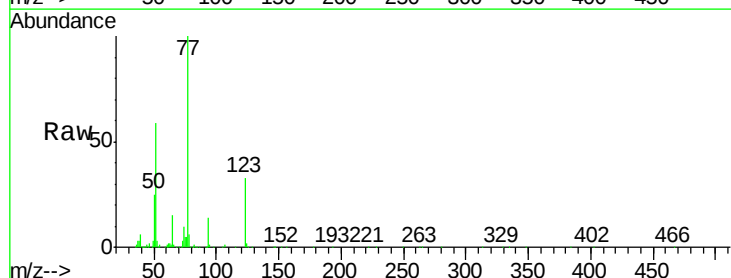
Manual Integrations
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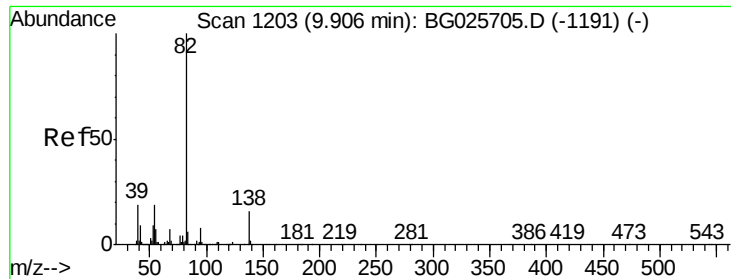
mohammad
 2/6/2017 3:19:33 PM



#24
 Nitrobenzene
 Concen: 40.06 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.9	26.1	39.1
65	14.5	12.4	18.6





#25

Isophorone

Concen: 39.67 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

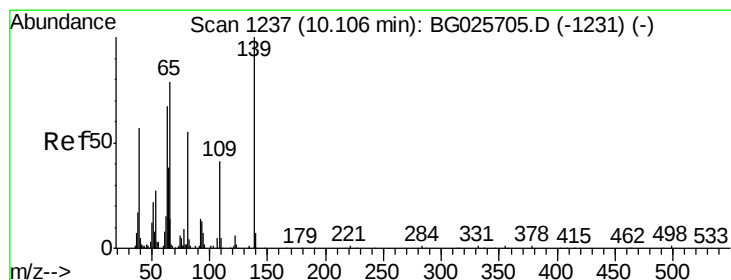
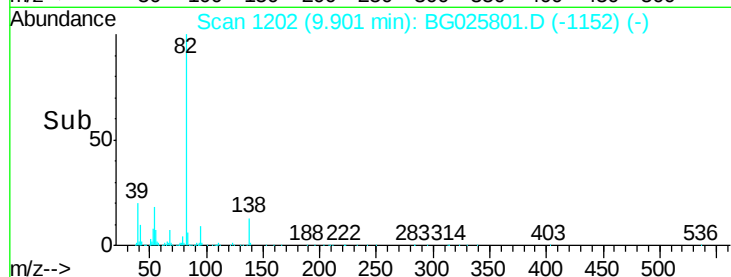
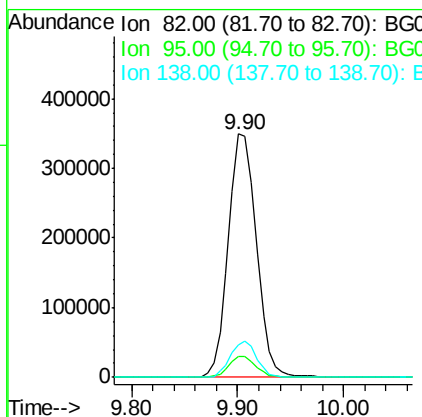
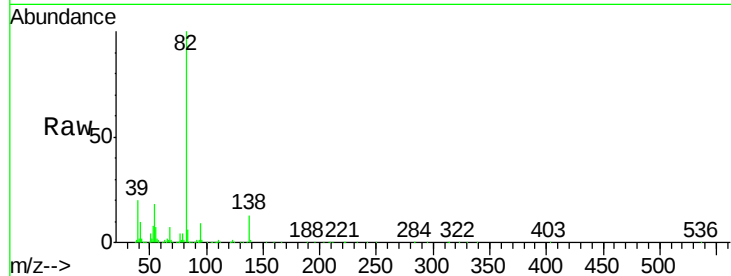
ClientSampleId :

PB96126BSD

Tgt Ion:	82	Resp:	642346
Ion Ratio	Lower	Upper	
82	100		
95	8.7	7.5	11.3
138	13.3	12.3	18.5

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#26

2-Nitrophenol

Concen: 45.05 ng

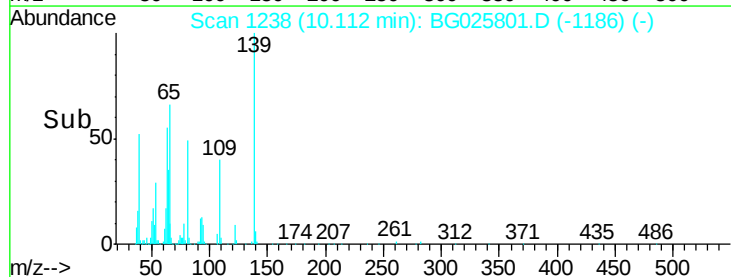
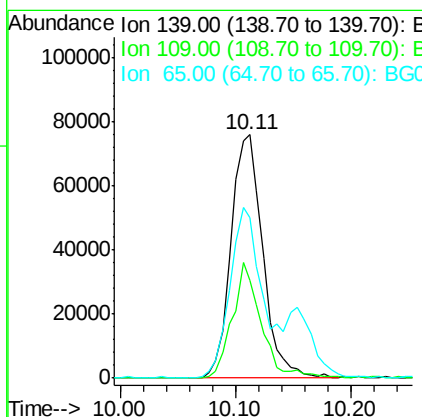
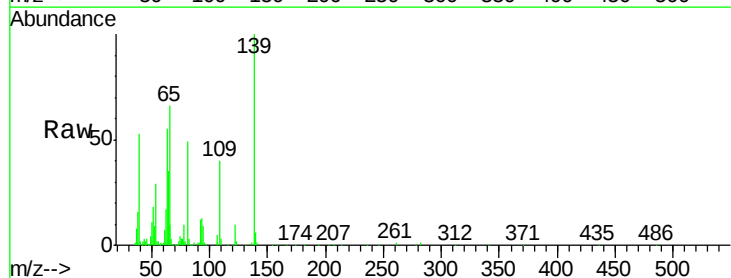
RT: 10.11 min Scan# 1238

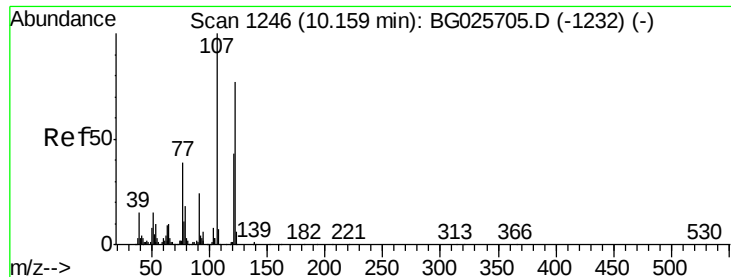
Delta R.T. 0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion:	139	Resp:	144855
Ion Ratio	Lower	Upper	
139	100		
109	40.2	38.6	58.0
65	66.0	57.1	85.7





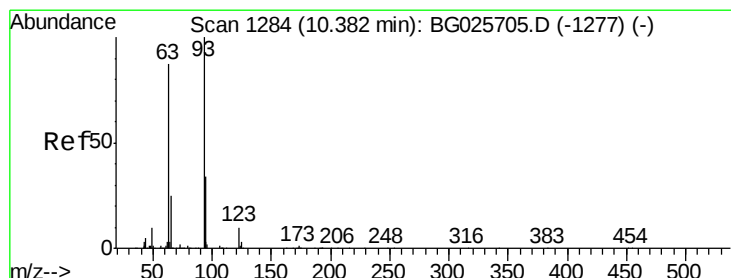
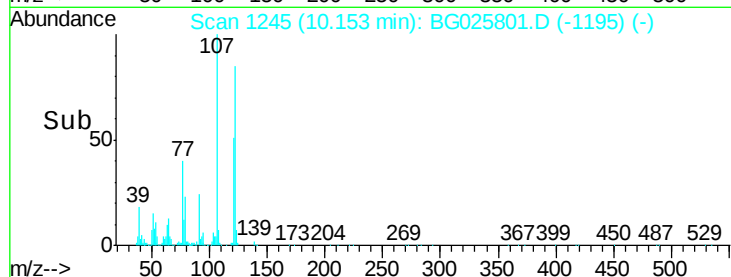
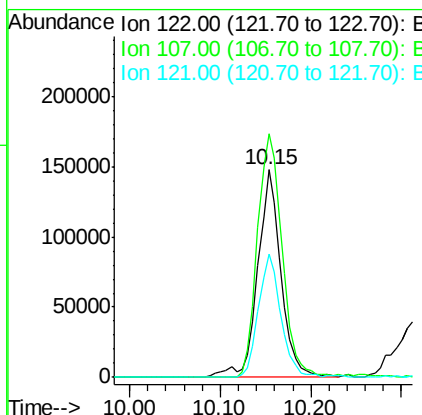
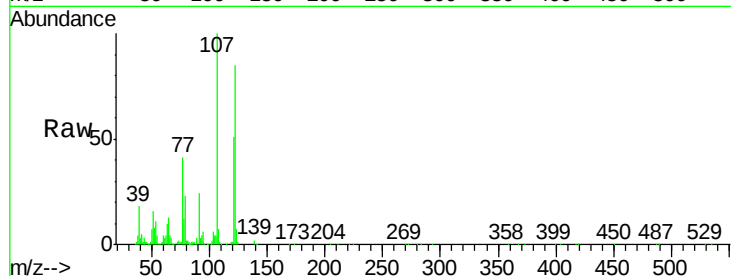
#27
 2,4-Dimethylphenol
 Concen: 47.19 ng
 RT: 10.15 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	264265		
107	117.3	104.2	156.4	
121	59.3	46.0	69.0	

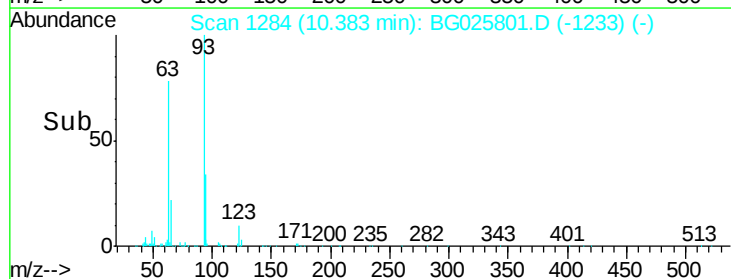
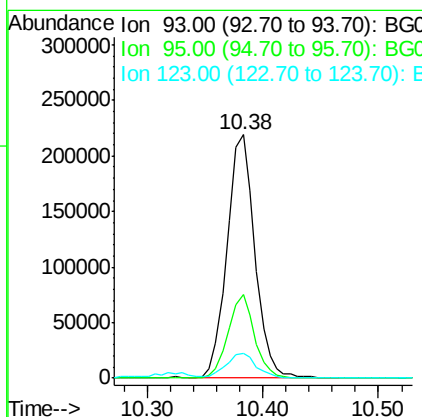
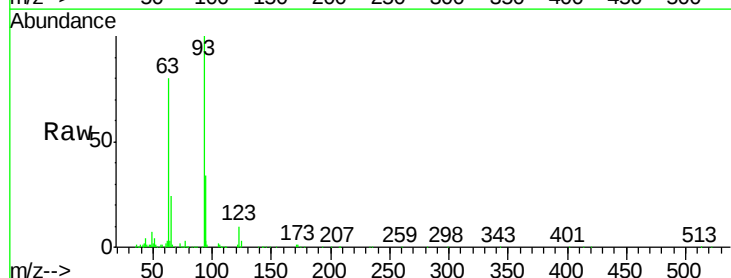
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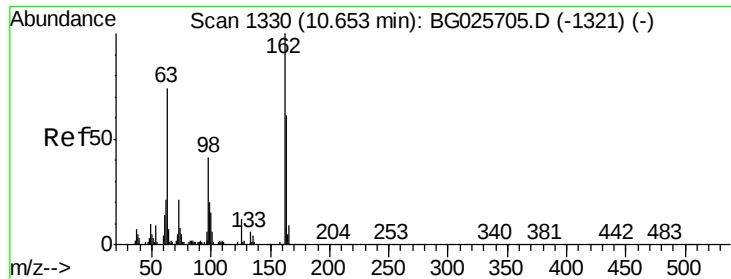
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.52 ng
 RT: 10.38 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	364481		
95	34.1	25.7	38.5	
123	10.0	8.3	12.5	





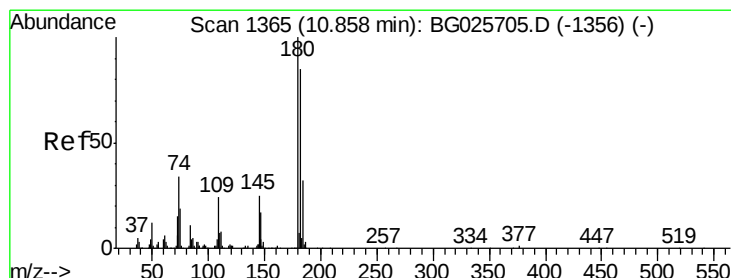
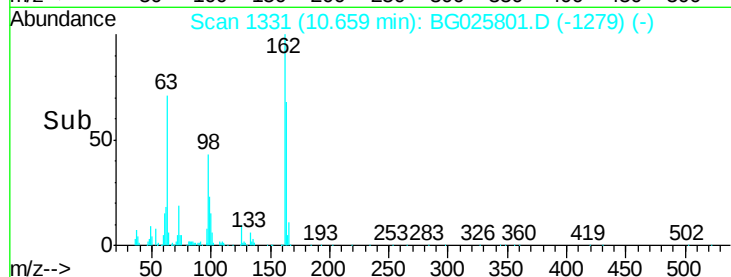
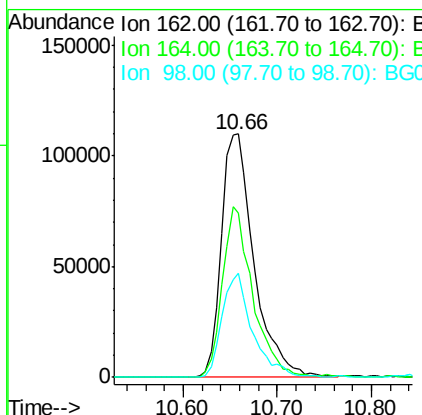
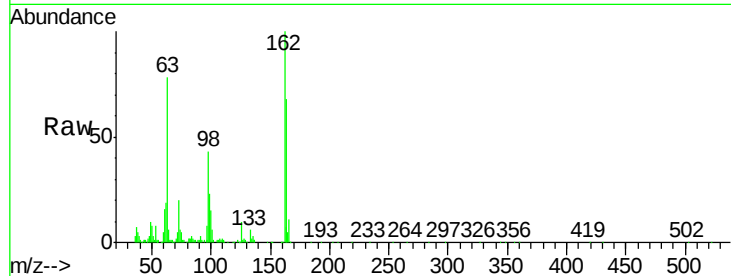
#29
 2,4-Dichlorophenol
 Concen: 46.19 ng
 RT: 10.66 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleID :
 PB96126BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.7	42.4	82.4
98	42.9	20.3	60.3

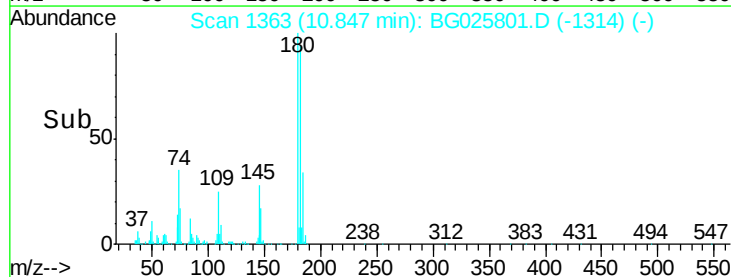
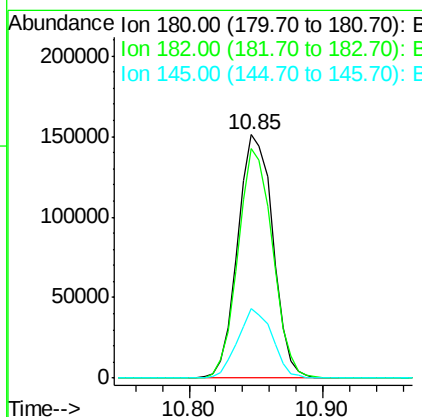
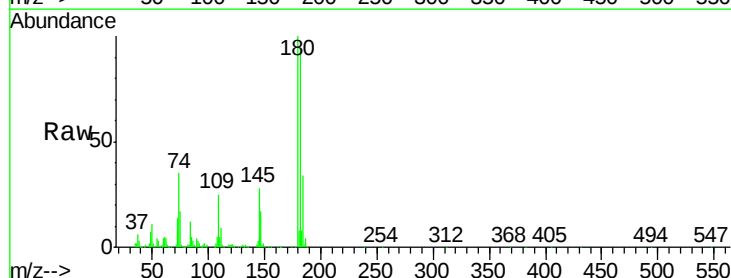
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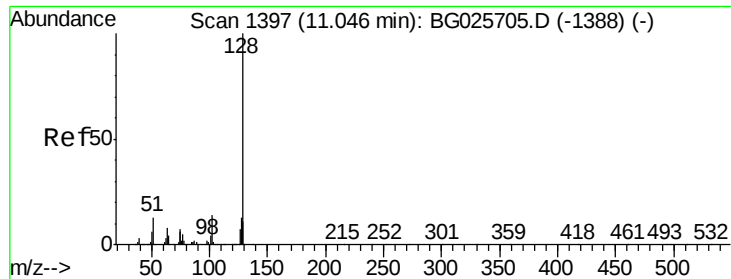
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.22 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	77.0	115.4
145	28.4	23.4	35.0





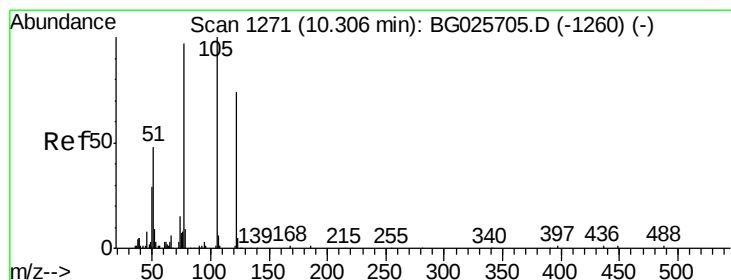
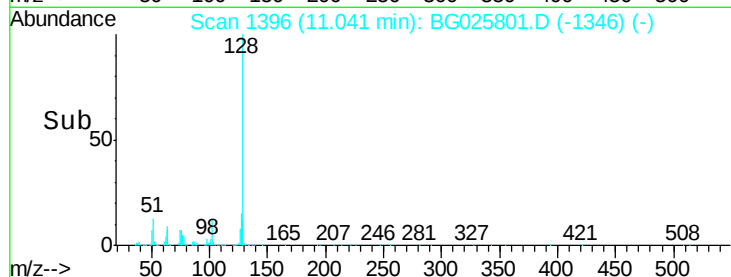
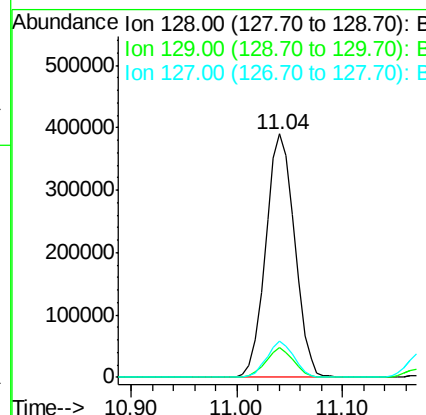
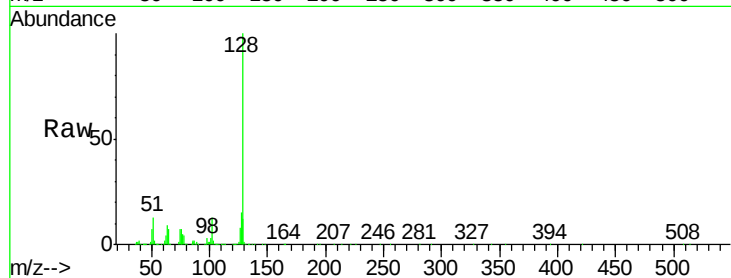
#31
Naphthalene
Concen: 40.55 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.3	13.9
127	14.7	11.4	17.0

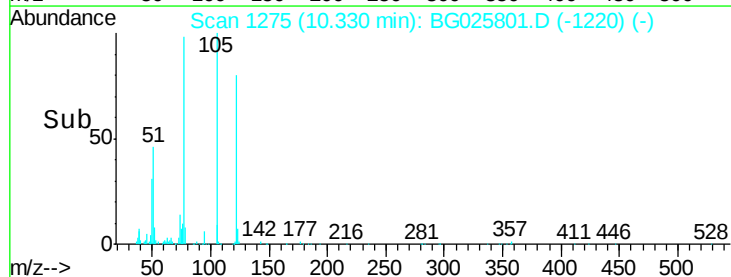
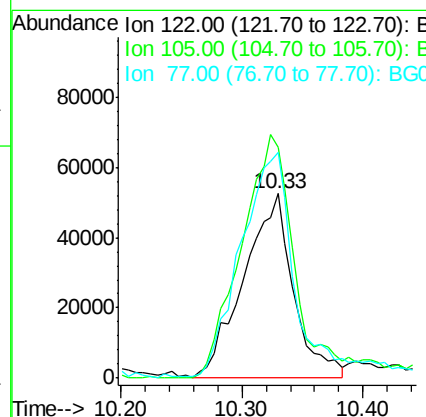
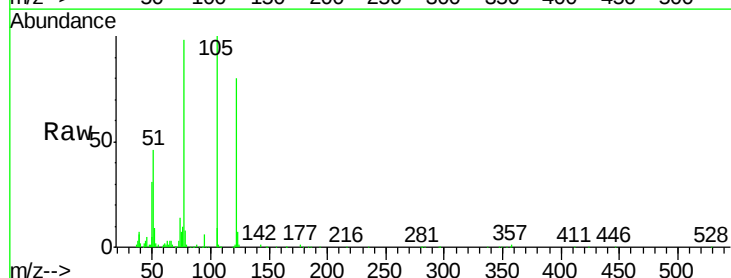
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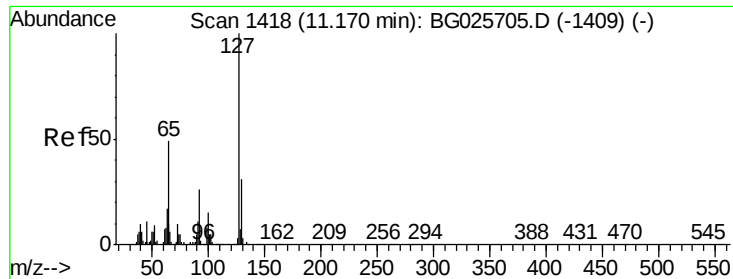
mohammad
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#32
Benzoic acid
Concen: 42.54 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.02 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	120.1	160.1
77	122.5	104.6	144.6





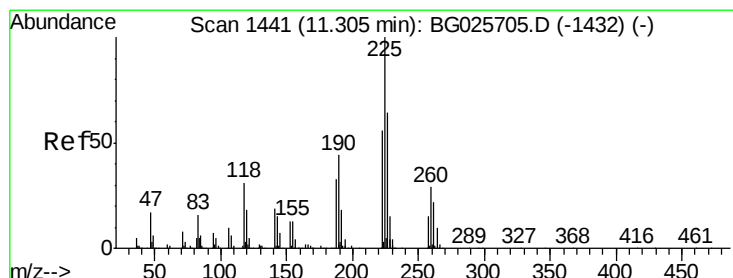
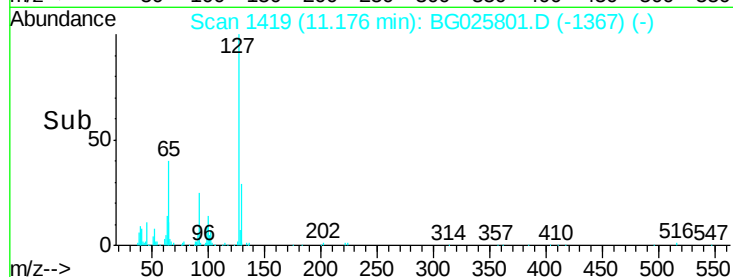
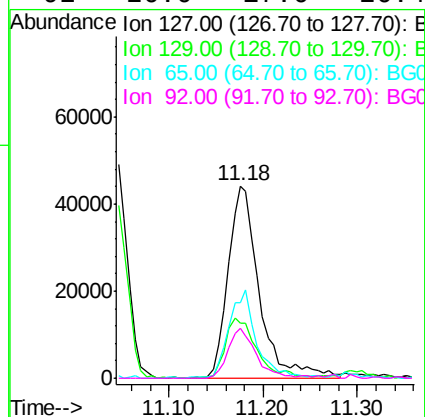
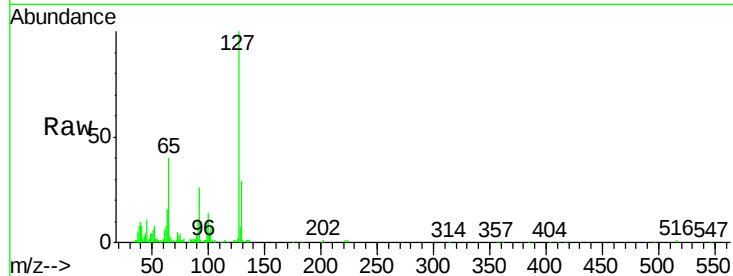
#33
4-Chloroaniline
Concen: 13.41 ng
RT: 11.18 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	101625		
129	28.7	23.6	35.4	
65	39.5	37.7	56.5	
92	26.0	17.6	26.4	

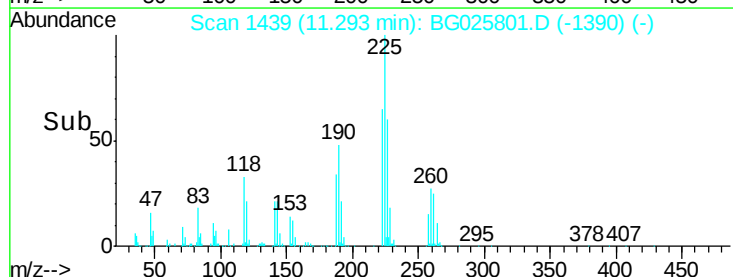
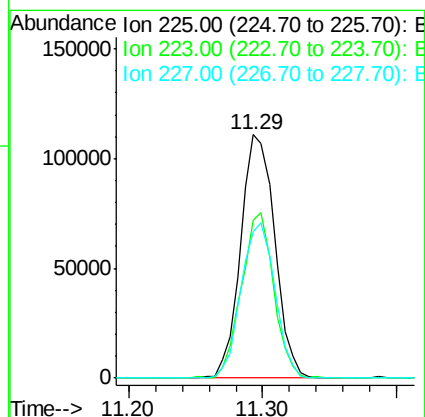
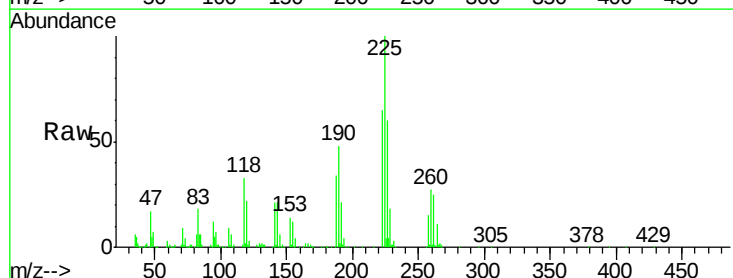
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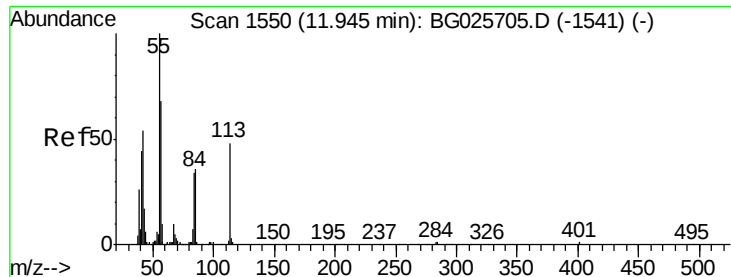
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#34
Hexachlorobutadiene
Concen: 35.85 ng
RT: 11.29 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	194940		
223	64.8	50.7	76.1	
227	60.2	49.0	73.6	





#35

Caprolactam

Concen: 41.13 ng m

RT: 11.95 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

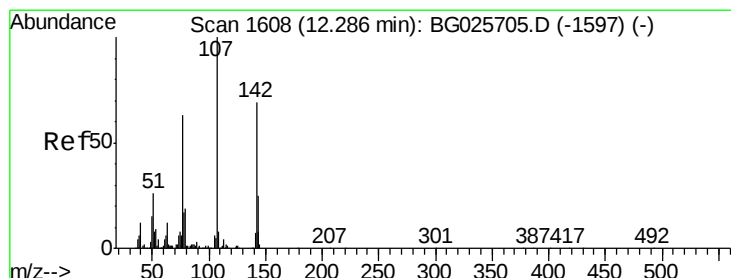
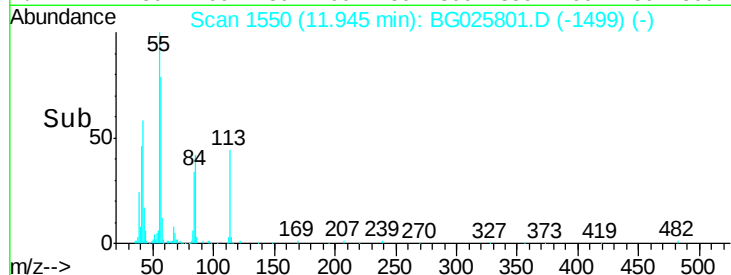
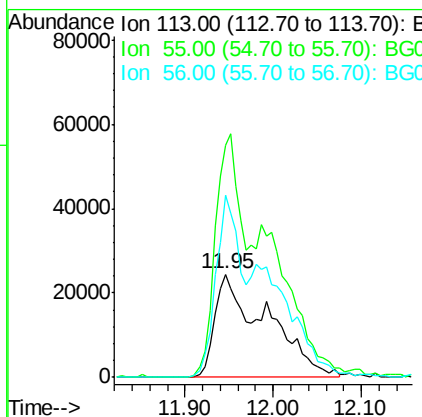
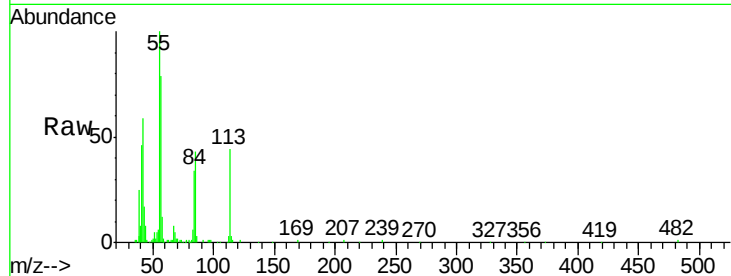
ClientSampleId :

PB96126BSD

Tgt Ion:	113	Resp:	100715
Ion Ratio	Lower	Upper	
113	100		
55	225.2	198.6	238.6
56	176.9	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 45.05 ng

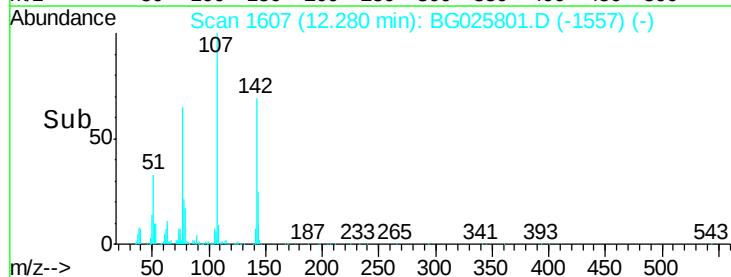
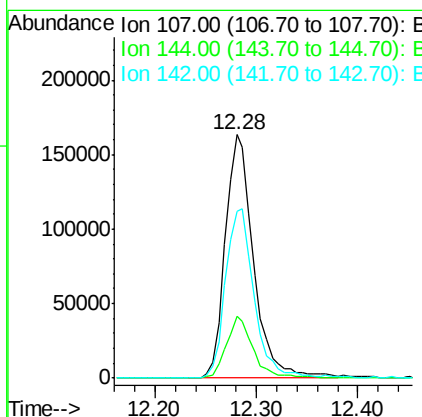
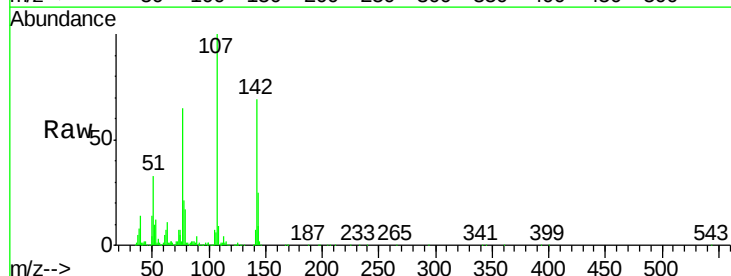
RT: 12.28 min Scan# 1607

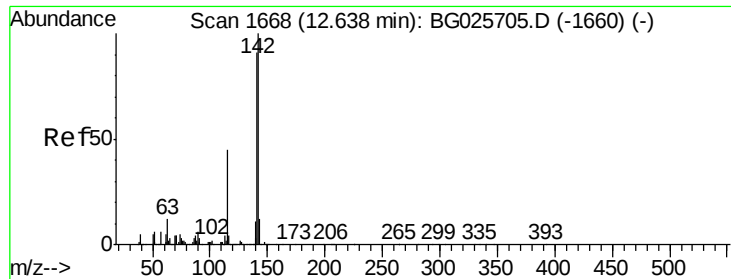
Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion:	107	Resp:	315417
Ion Ratio	Lower	Upper	
107	100		
144	25.3	17.4	26.0
142	68.6	54.1	81.1





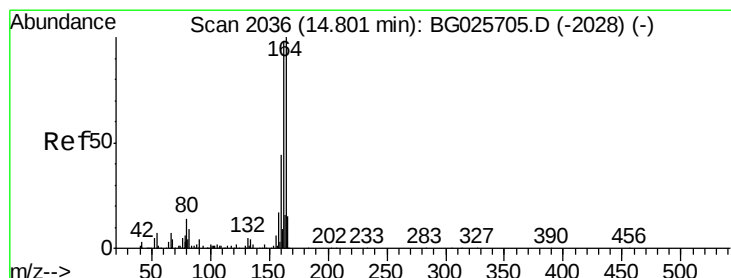
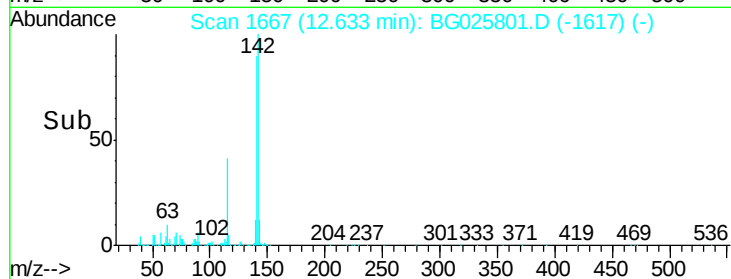
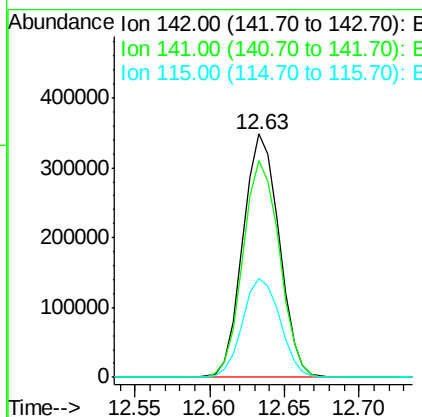
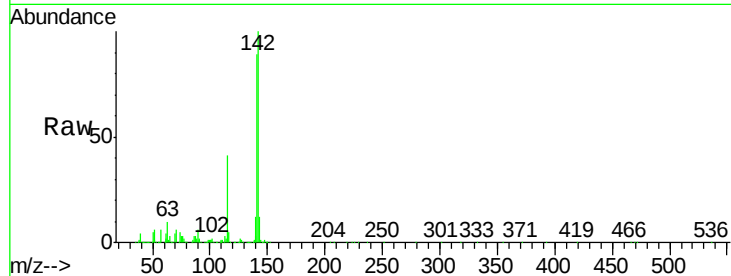
#37
2-Methylnaphthalene
Concen: 41.52 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	40.9	35.5	53.3

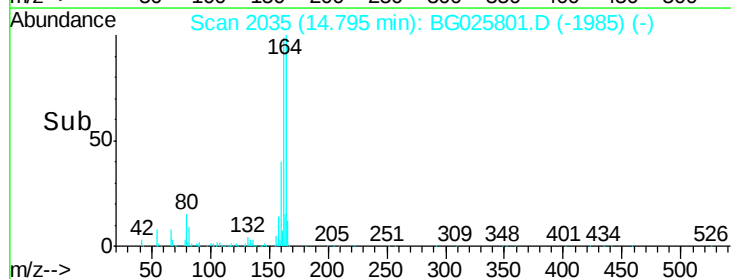
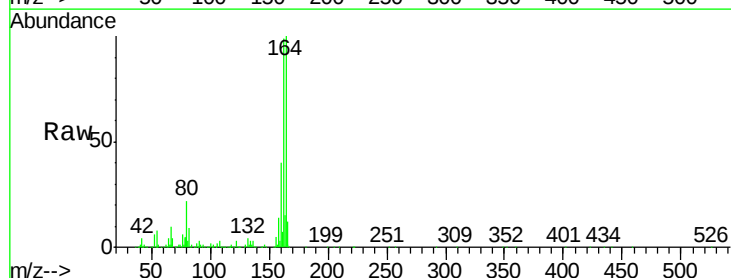
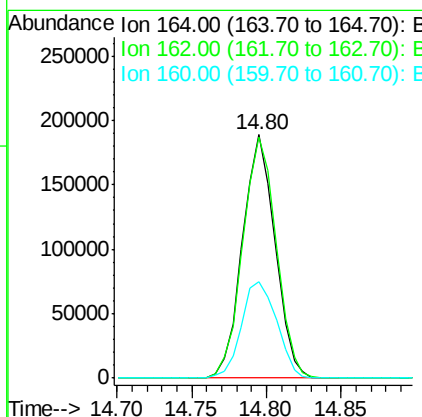
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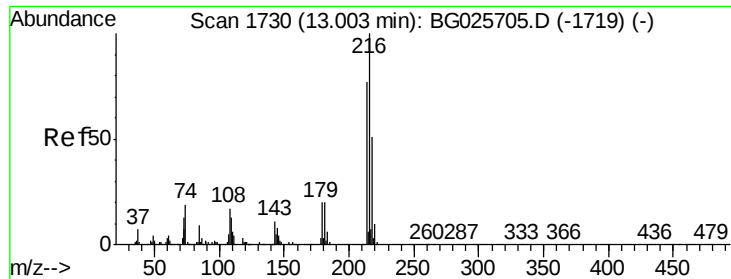
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	85.1	127.7
160	39.8	34.7	52.1





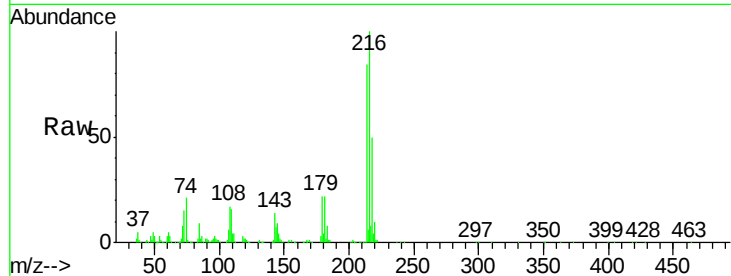
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.81 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

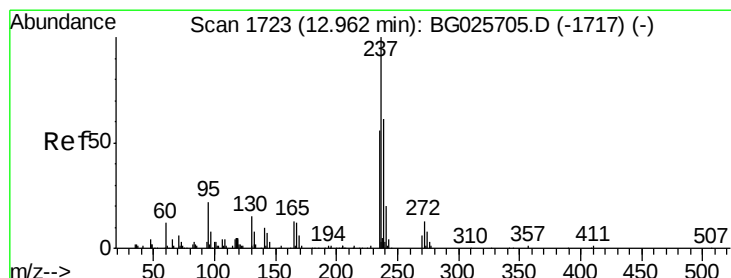
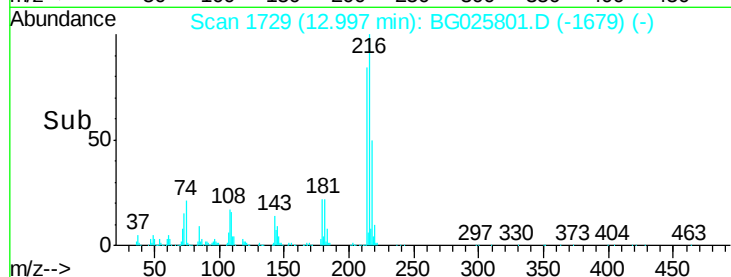
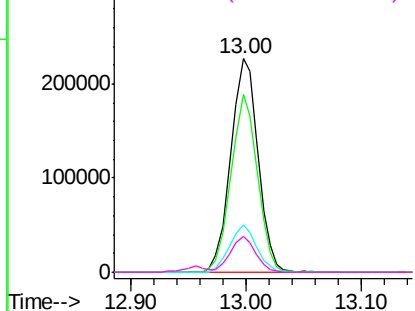
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	371364		
214	80.5	64.4	96.6	
179	21.6	17.4	26.0	
108	15.8	15.6	23.4	

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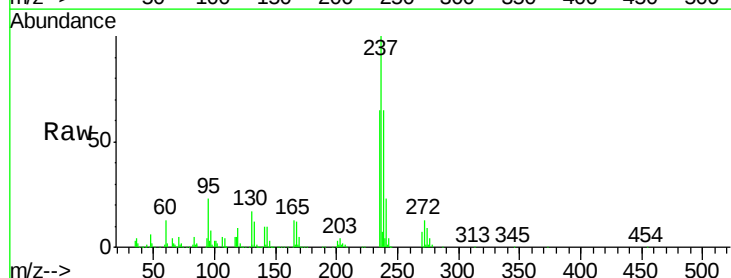


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

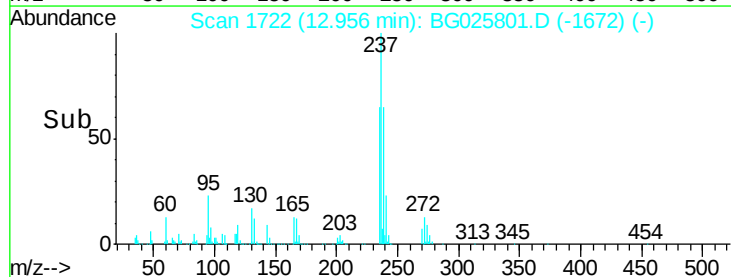
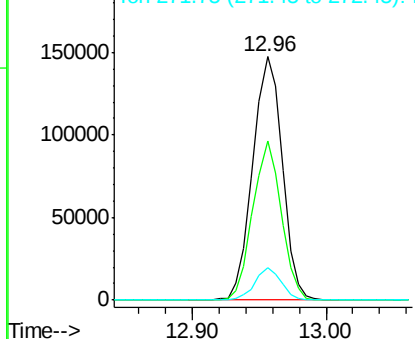


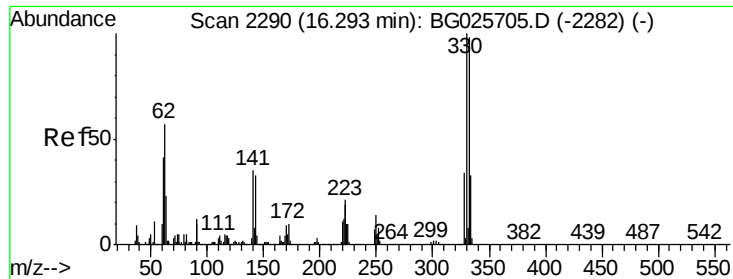
#40
 Hexachlorocyclopentadiene
 Concen: 63.27 ng
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	224386		
235	65.3	39.4	79.4	
272	13.2	0.0	32.0	



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





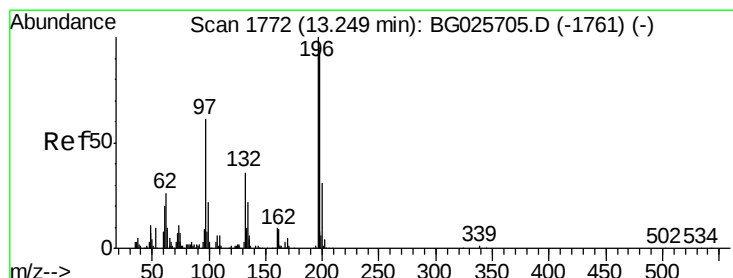
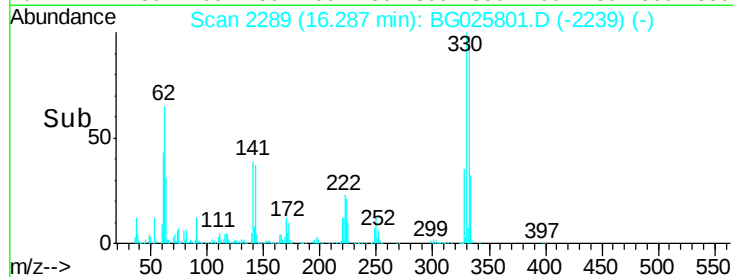
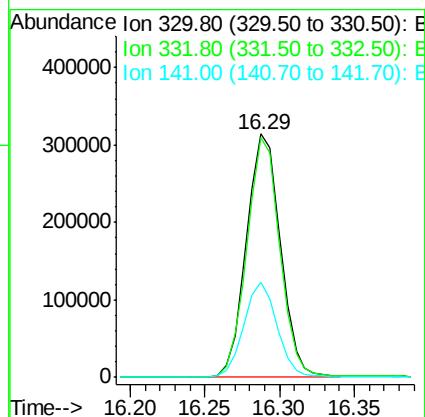
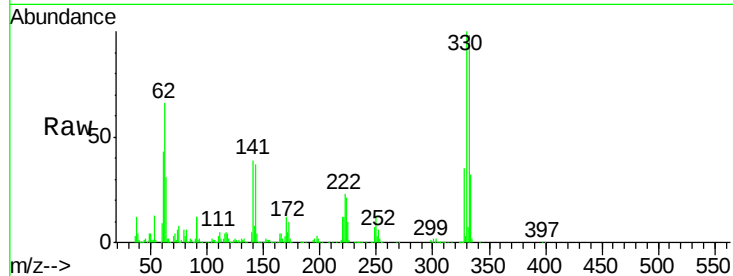
#41
 2,4,6-Tribromophenol
 Concen: 121.90 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	496734		
332	96.3	77.3	115.9	
141	38.2	32.1	48.1	

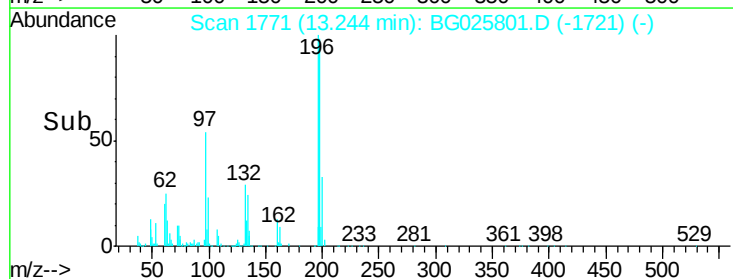
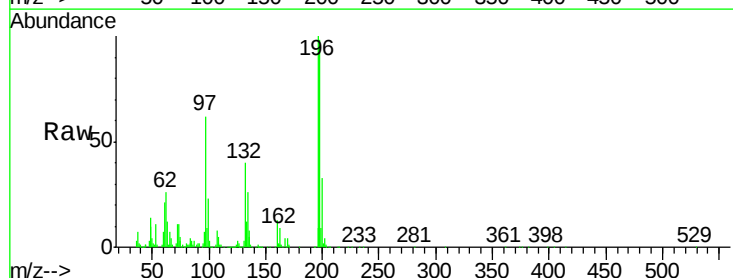
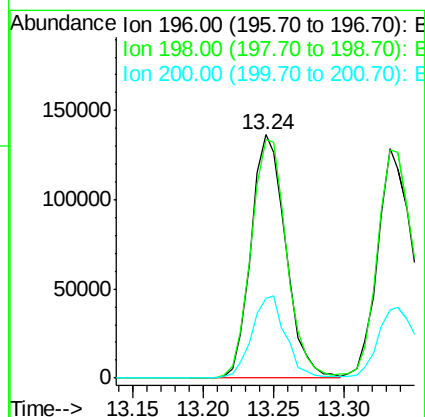
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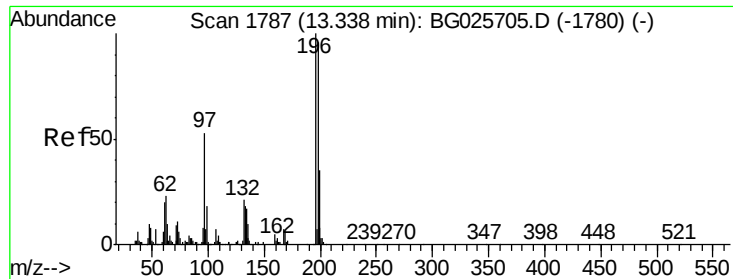
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 42.04 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235530		
198	97.7	81.4	122.2	
200	33.0	27.0	40.6	





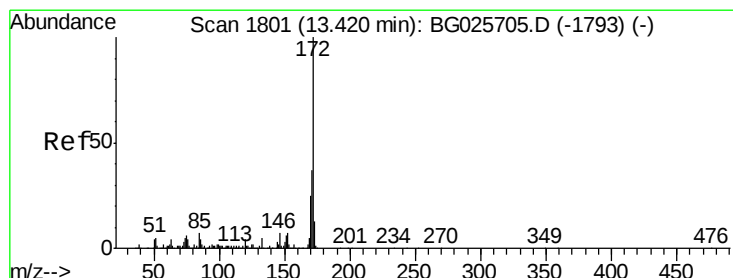
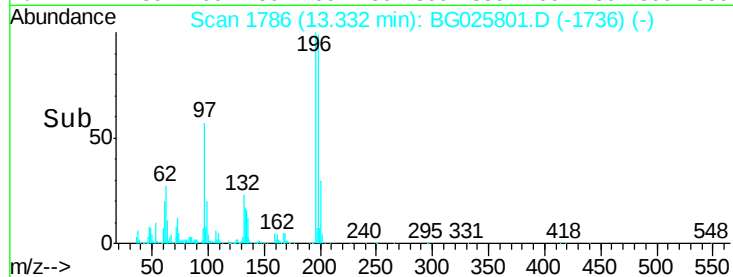
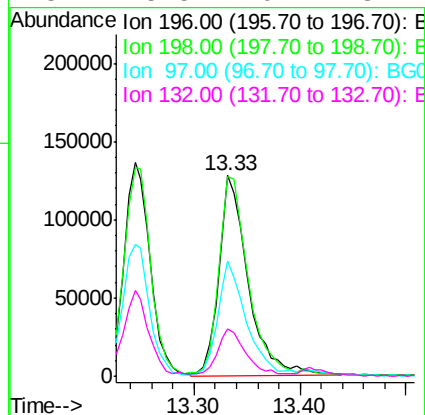
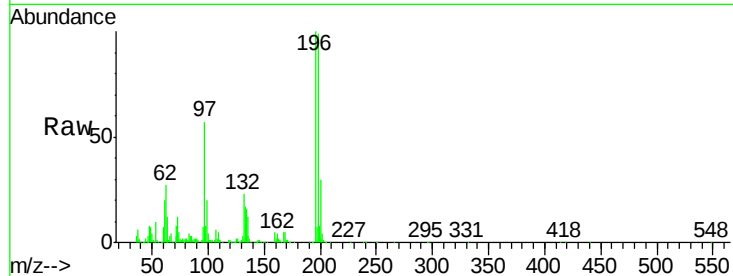
#43
 2,4,5-Trichlorophenol
 Concen: 40.61 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245608		
198	99.4	79.9	119.9	
97	57.4	45.4	68.0	
132	23.5	20.7	31.1	

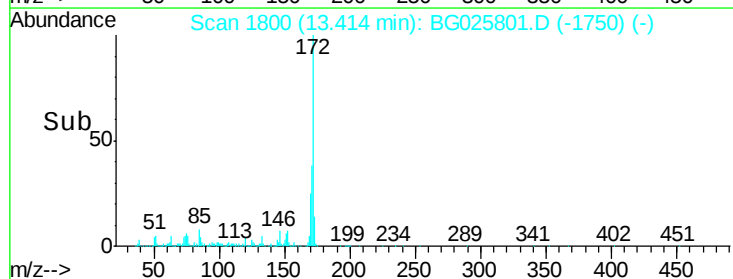
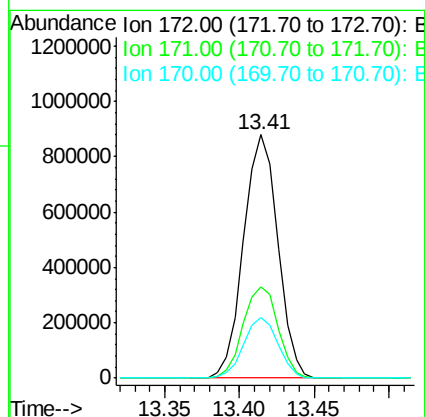
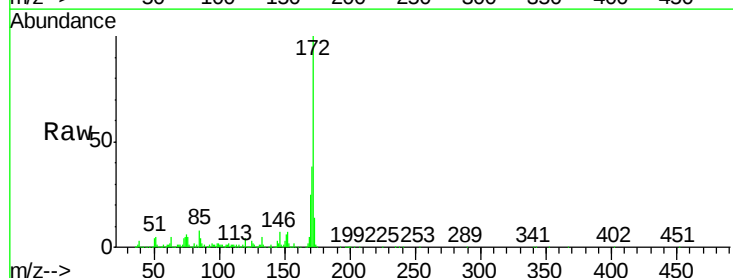
Manual Integrations
 APPROVED

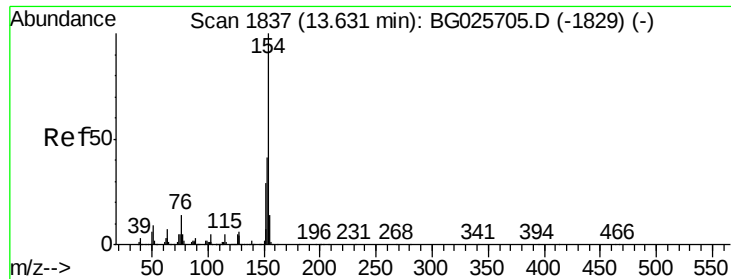
mohammad
 2/6/2017 3:19:33 PM



#44
 2-Fluorobiphenyl
 Concen: 79.54 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1399357		
171	37.7	32.2	48.2	
170	24.9	21.8	32.6	





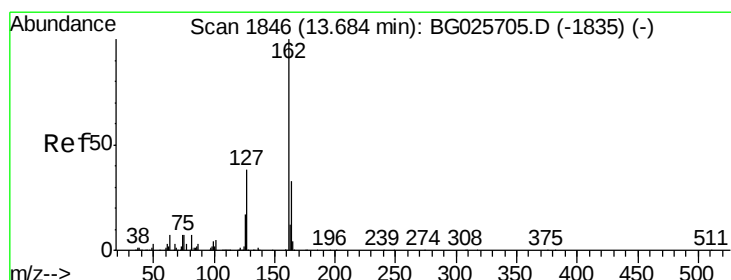
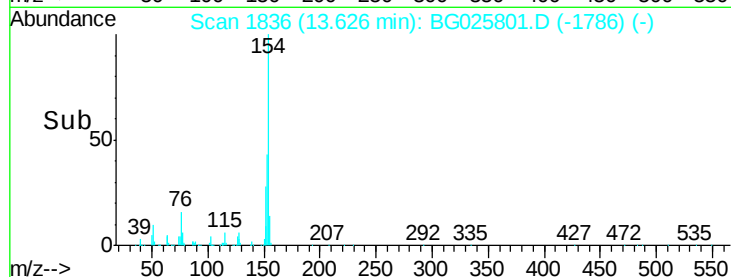
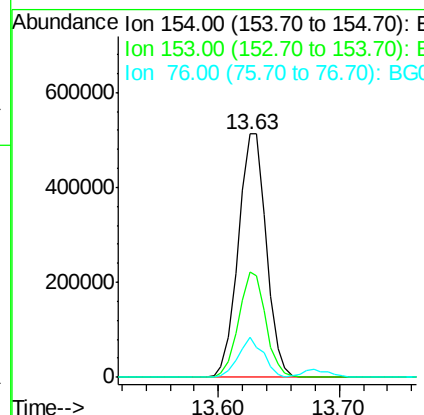
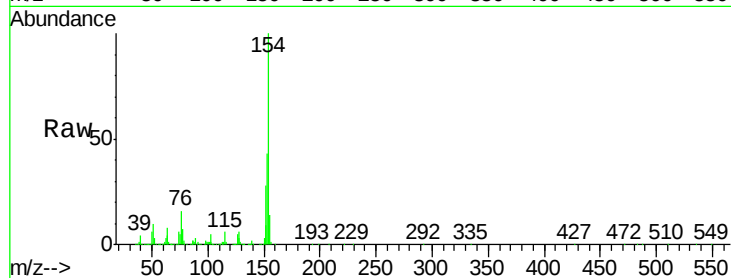
#45
 1,1'-Biphenyl
 Concen: 41.74 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.0	63.0
76	16.3	0.0	33.5

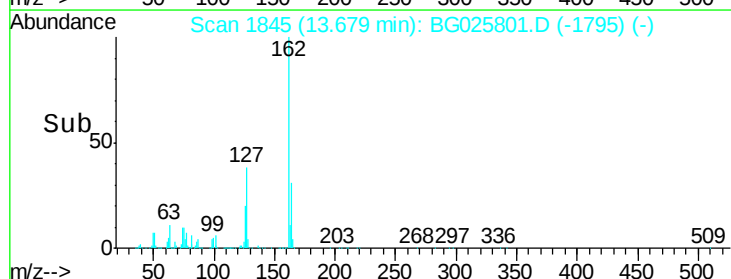
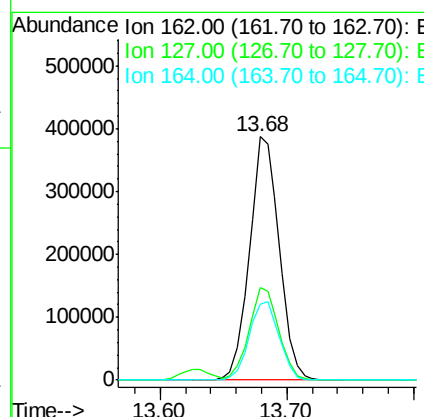
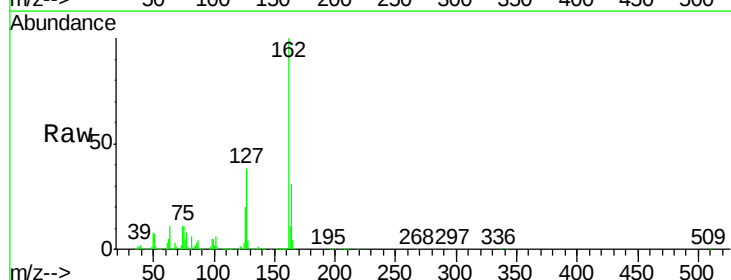
Manual Integrations
 APPROVED

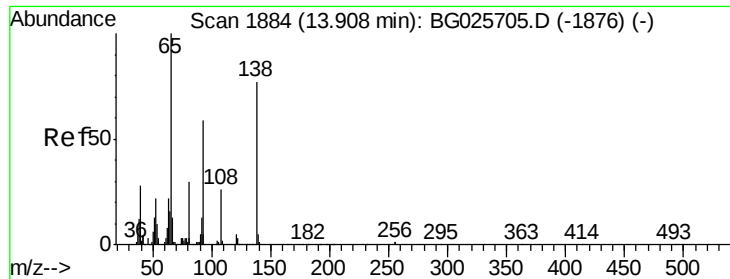
mohammad
 2/6/2017 3:19:33 PM



#46
 2-Chloronaphthalene
 Concen: 40.24 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	32.2	48.4
164	31.3	27.3	40.9





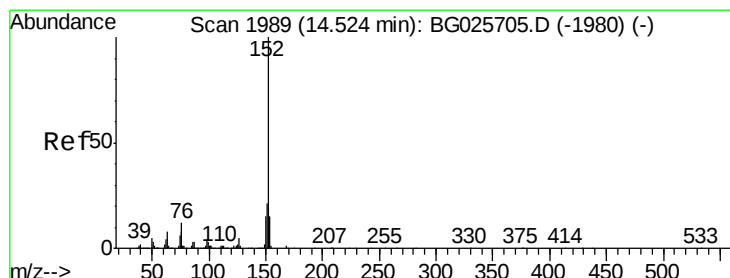
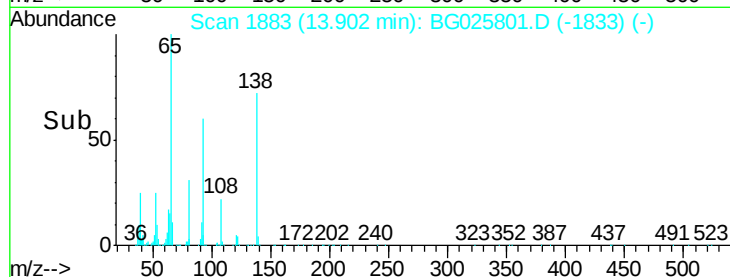
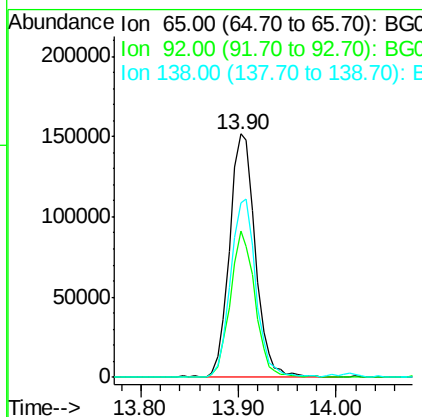
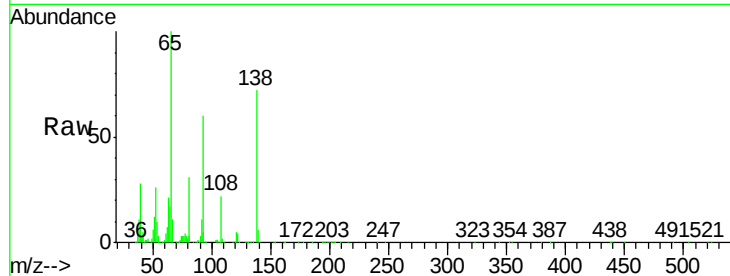
#47
2-Nitroaniline
Concen: 41.24 ng
RT: 13.90 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.0	49.0	73.4
138	71.8	58.6	87.8

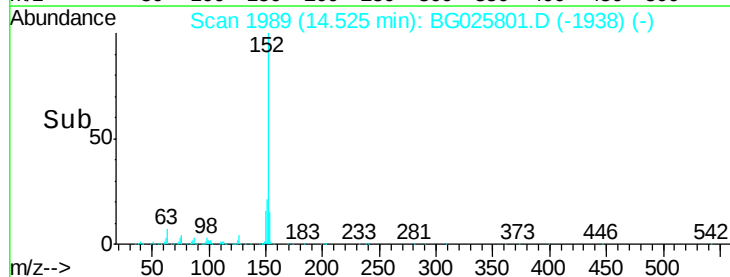
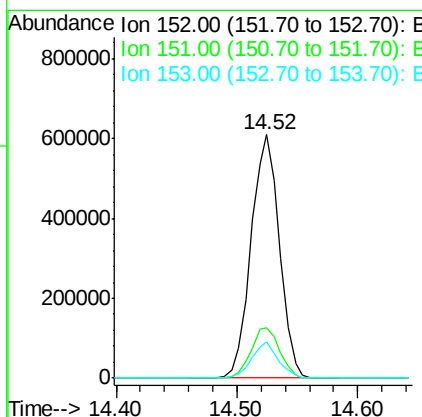
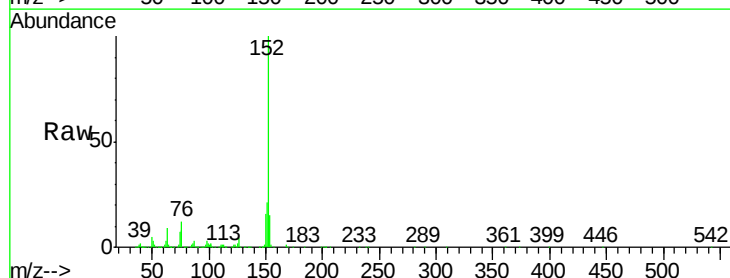
Manual Integrations
APPROVED

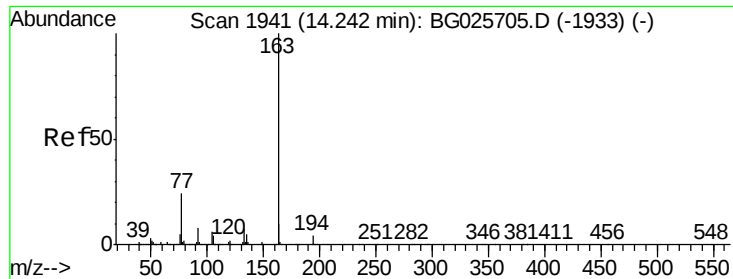
mohammad
2/6/2017 3:19:33 PM



#48
Acenaphthylene
Concen: 38.21 ng
RT: 14.52 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	18.2	27.2
153	14.8	11.3	16.9





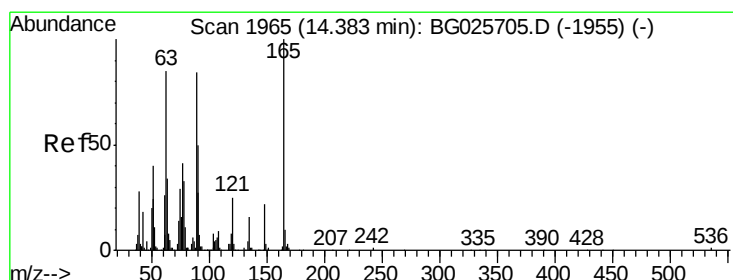
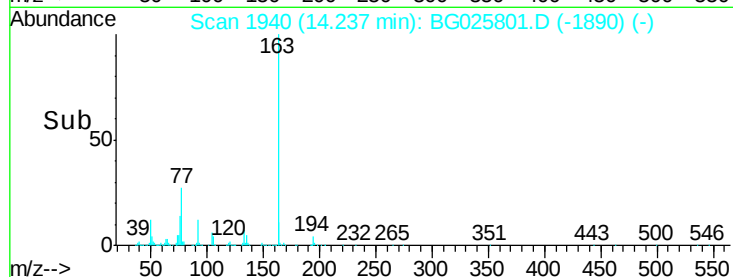
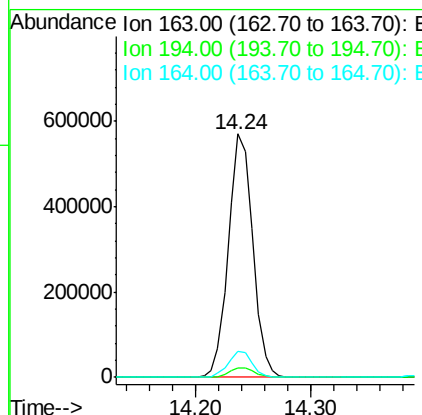
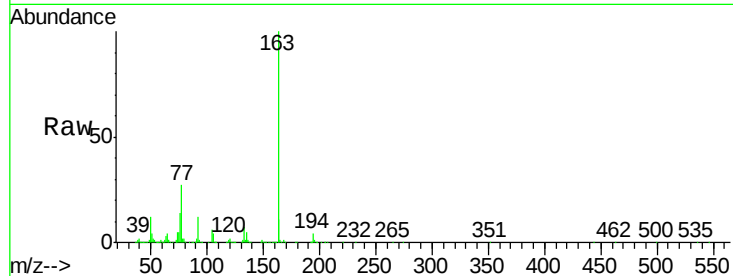
#49
Dimethylphthalate
Concen: 38.81 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	10.7	9.3	13.9

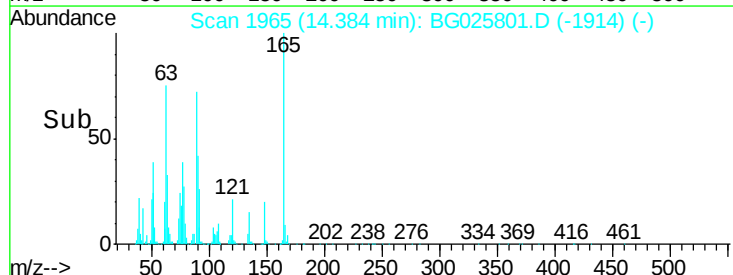
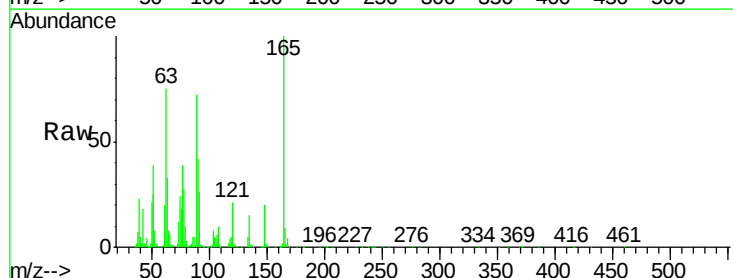
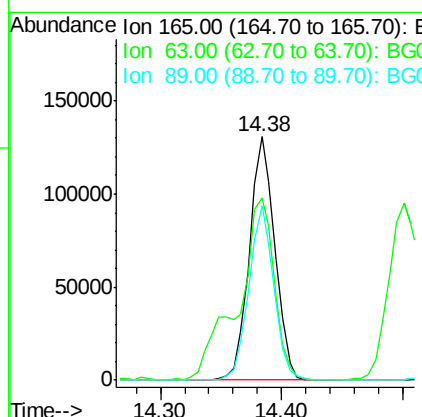
Manual Integrations
APPROVED

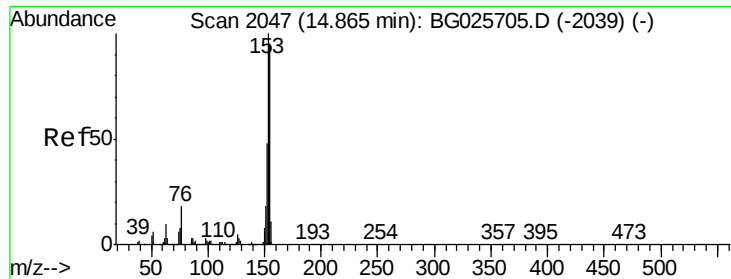
mohammad
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#50
2,6-Dinitrotoluene
Concen: 39.59 ng
RT: 14.38 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.9	63.9	95.9
89	71.8	58.6	88.0





#51

Acenaphthene

Concen: 40.48 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

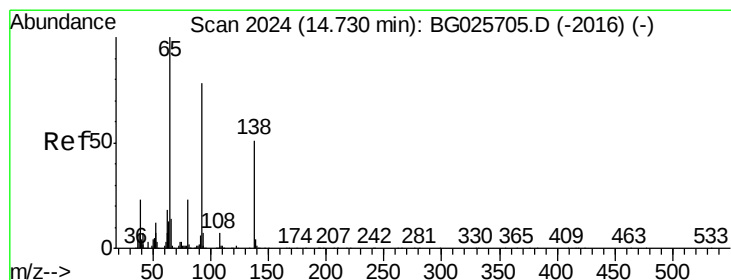
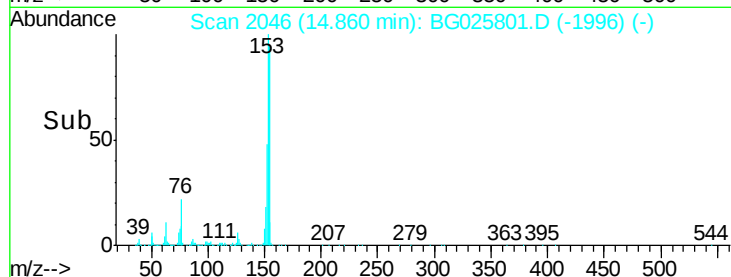
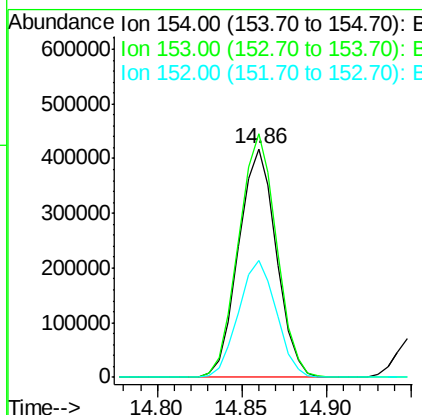
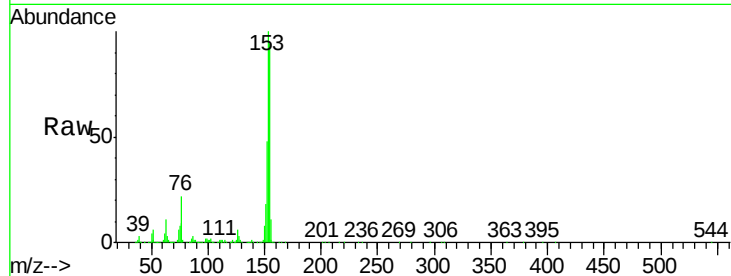
ClientSampleId :

PB96126BSD

Tgt	Ion	Resp	Lower	Upper
154	100			
153	106.5	87.8	131.6	
152	51.3	42.2	63.4	

Manual Integrations
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#52

3-Nitroaniline

Concen: 22.91 ng

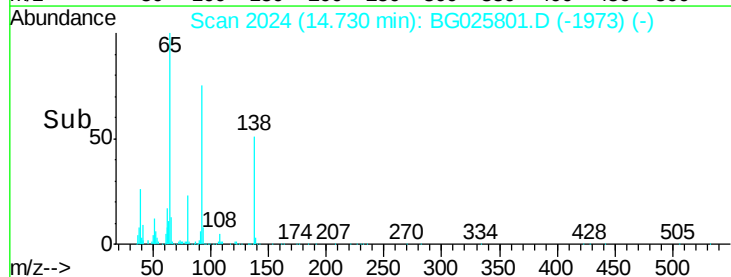
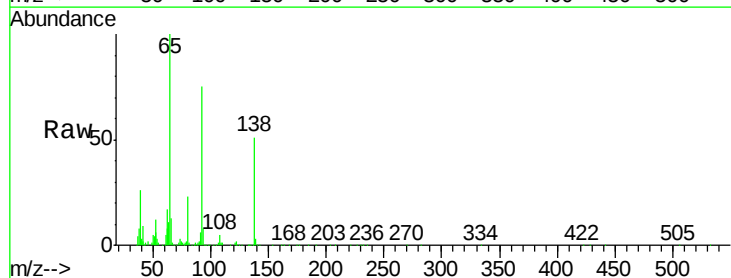
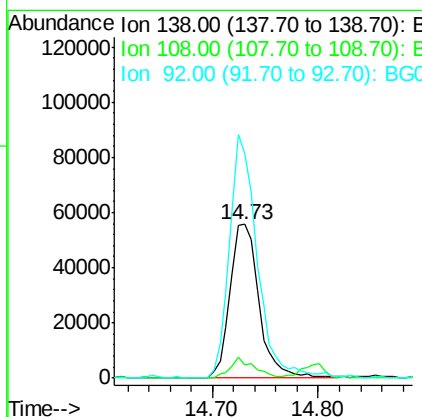
RT: 14.73 min Scan# 2024

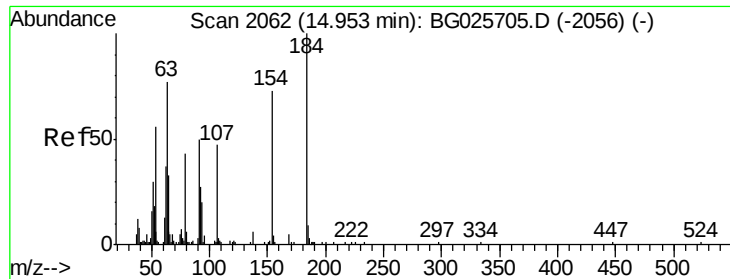
Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt	Ion	Resp	Lower	Upper
138	100			
108	9.0	10.9	16.3#	
92	145.9	115.3	172.9	





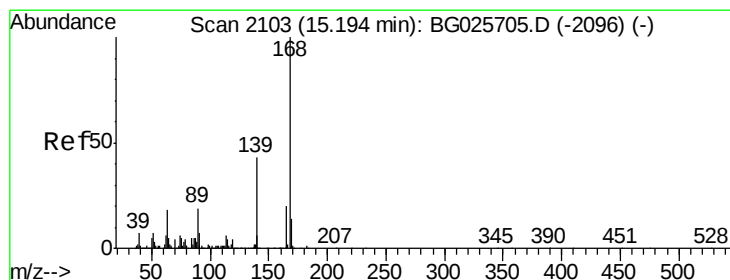
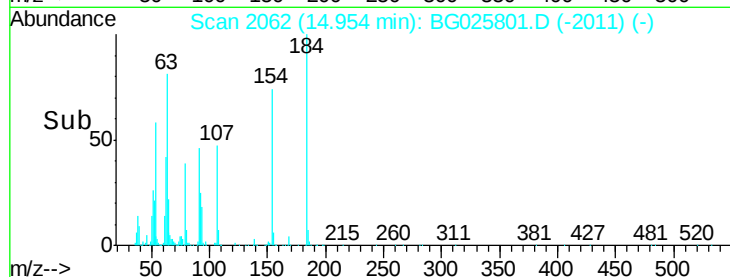
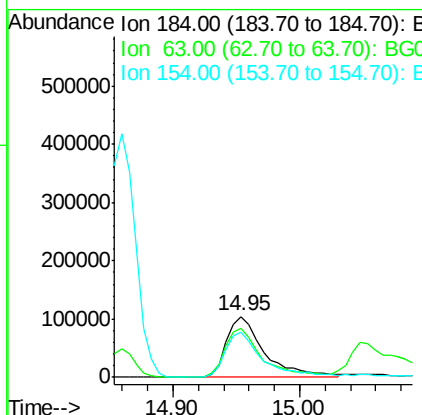
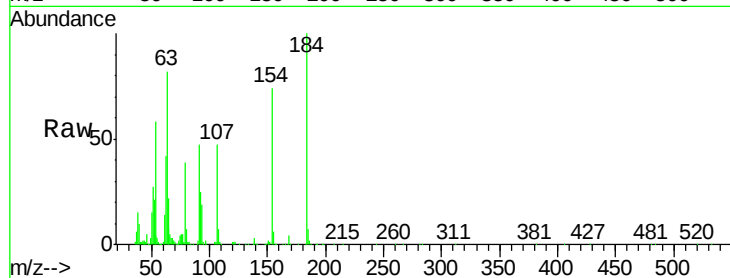
#53
2,4-Dinitrophenol
Concen: 74.44 ng
RT: 14.95 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.5	52.7	79.1#
154	74.5	57.3	85.9

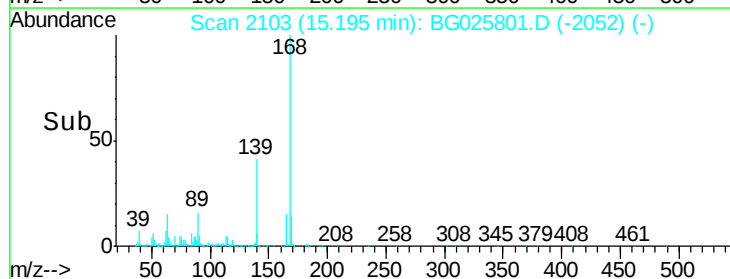
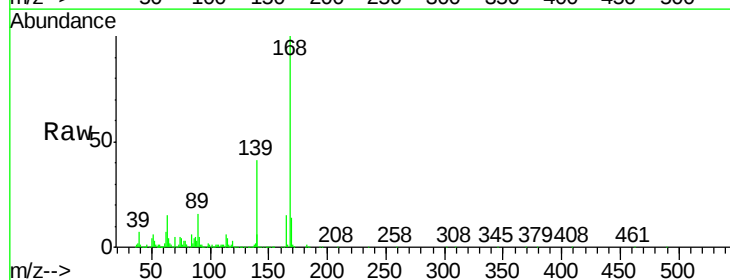
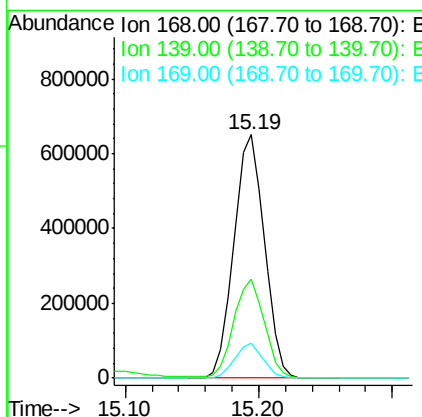
Manual Integrations
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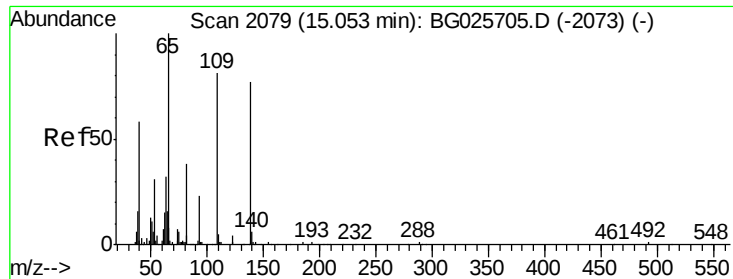
mohammad
2/6/2017 3:19:33 PM



#54
Dibenzofuran
Concen: 42.69 ng
RT: 15.19 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	35.3	52.9
169	14.4	11.5	17.3





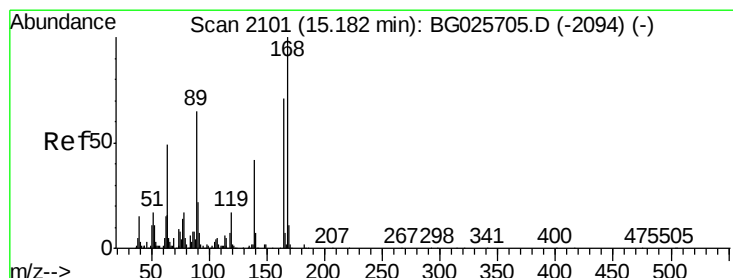
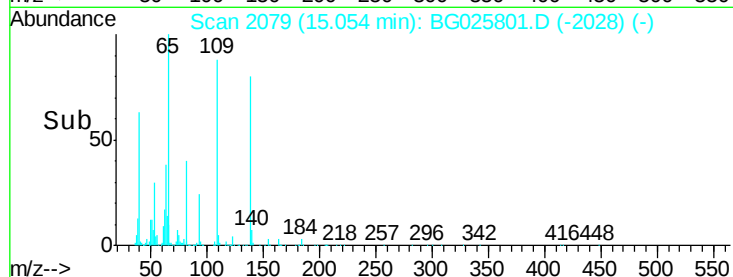
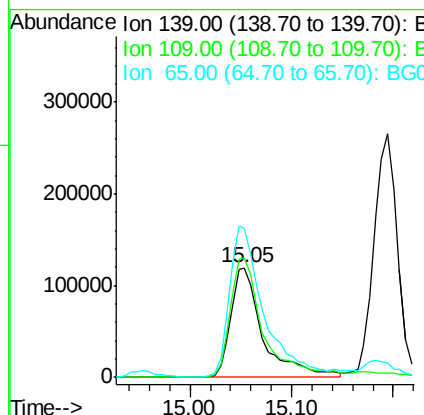
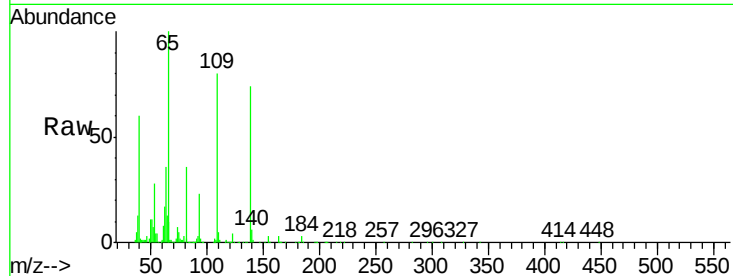
#55
4-Nitrophenol
Concen: 74.66 ng
RT: 15.05 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	263802		
109	109.1	101.2	141.2	
65	135.9	135.3	175.3	

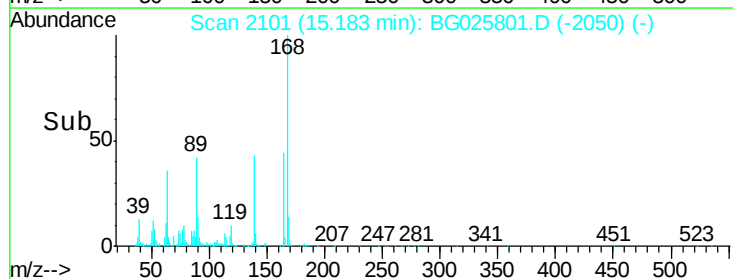
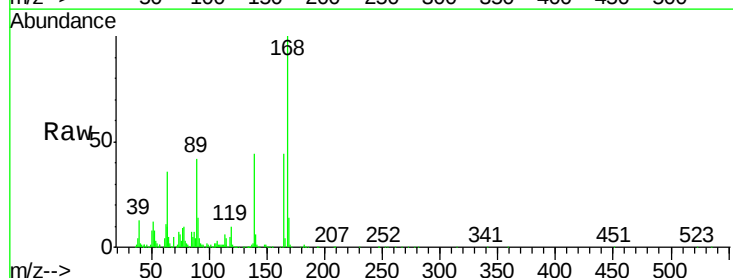
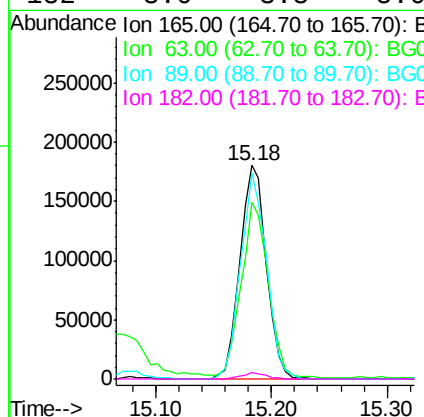
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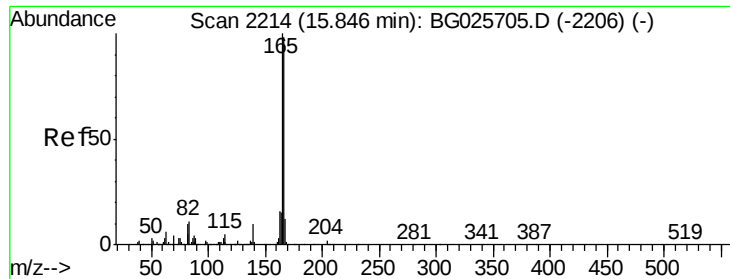
mohammad
2/6/2017 3:19:33 PM



#56
2,4-Dinitrotoluene
Concen: 39.88 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	284330		
63	83.0	44.0	66.0#	
89	96.2	67.3	100.9	
182	3.0	3.8	5.6#	





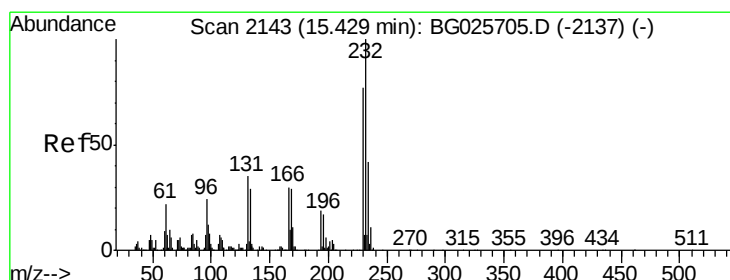
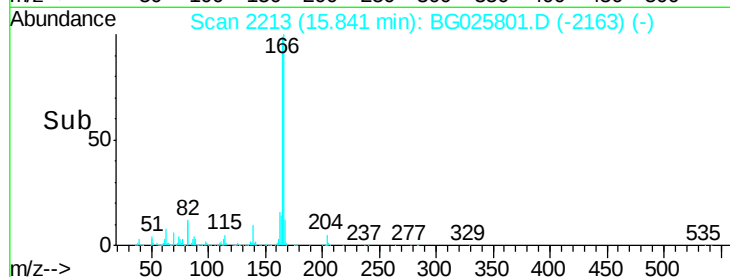
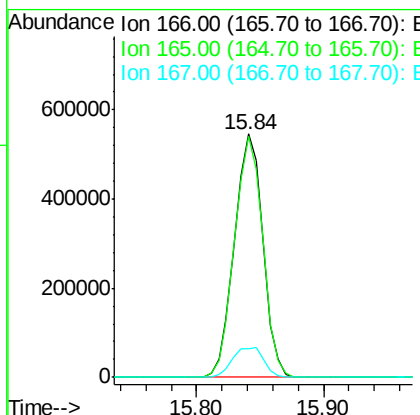
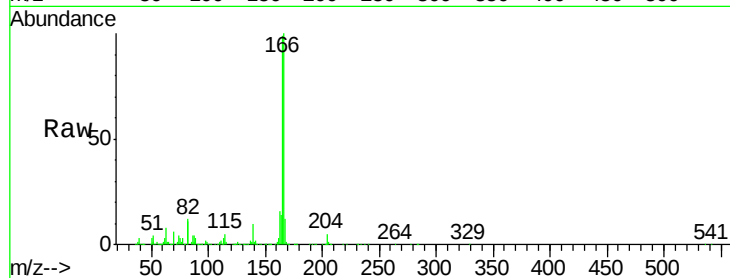
#57
Fluorene
 Concen: 39.10 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	842289		
165	98.9	78.6	117.8	
167	12.0	11.6	17.4	

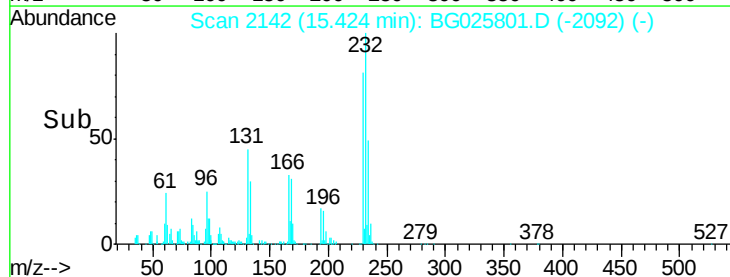
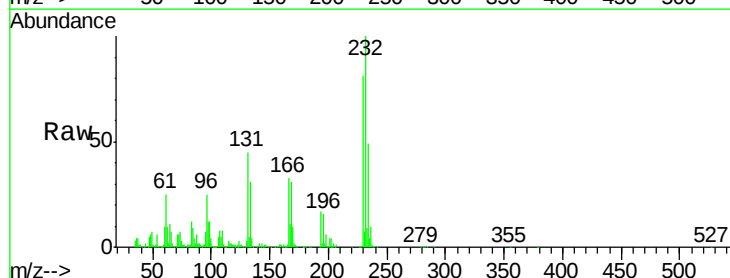
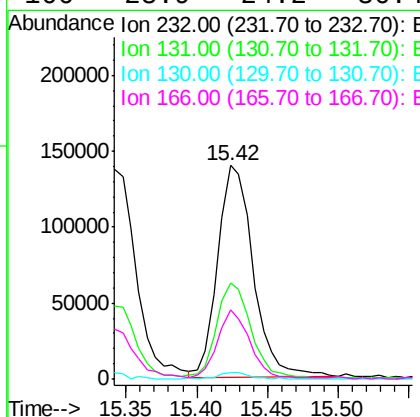
Manual Integrations
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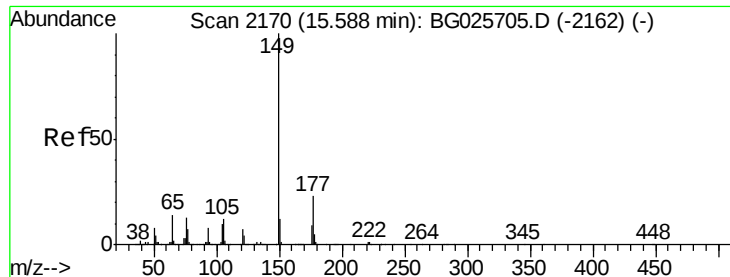
mohammad
 2/6/2017 3:19:33 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.20 ng
 RT: 15.42 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	244119		
131	44.3	34.9	52.3	
130	2.9	2.3	3.5	
166	28.9	24.2	36.4	





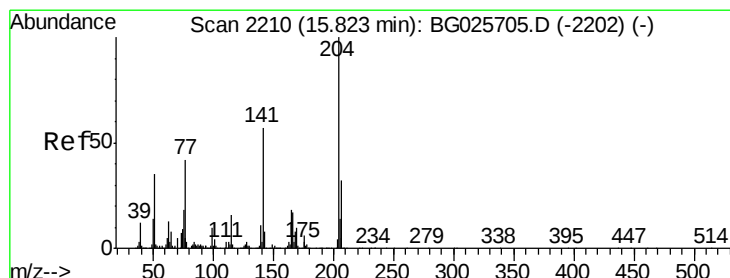
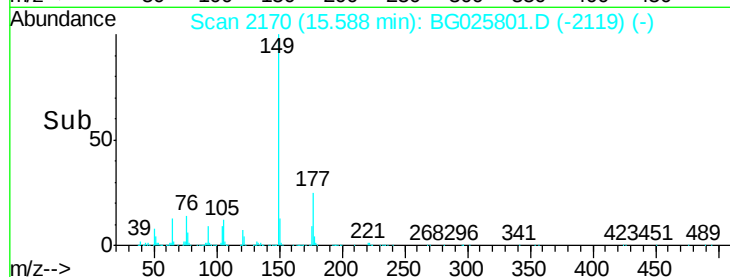
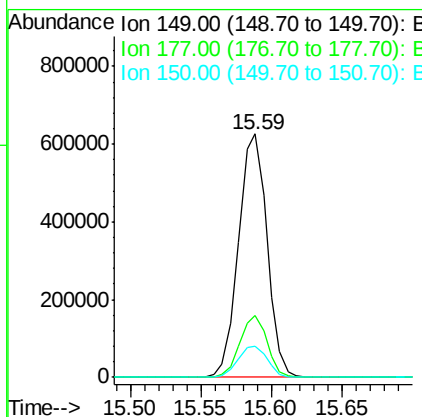
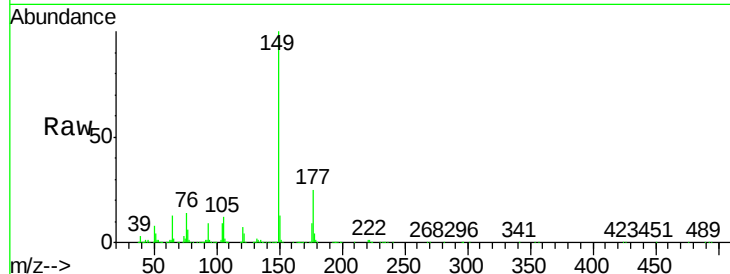
#59
Diethylphthalate
Concen: 38.63 ng
RT: 15.59 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	881150		
177	25.5	20.1	30.1	
150	12.8	10.2	15.2	

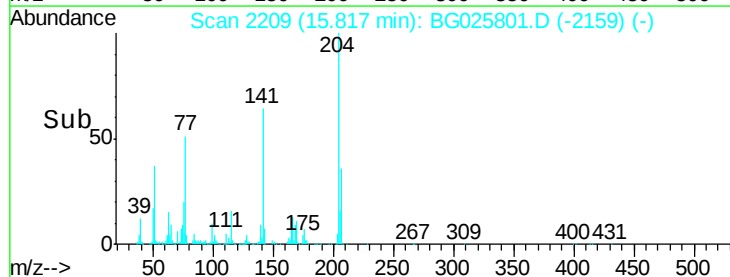
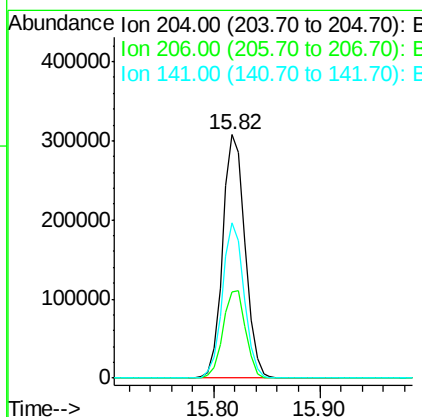
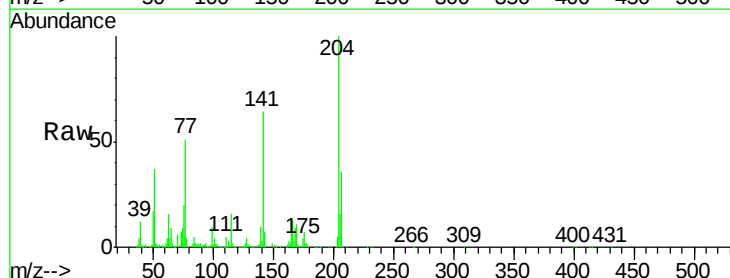
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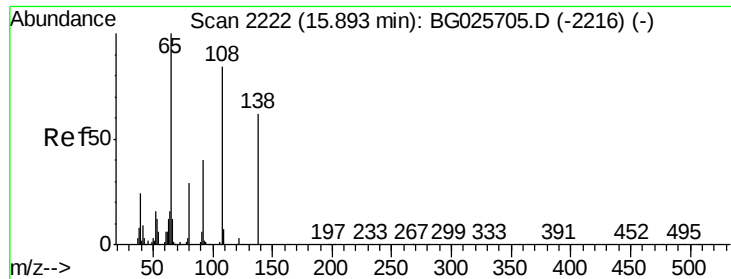
mohammad
2/6/2017 3:19:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.54 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	450054		
206	35.6	30.1	45.1	
141	63.7	50.6	76.0	





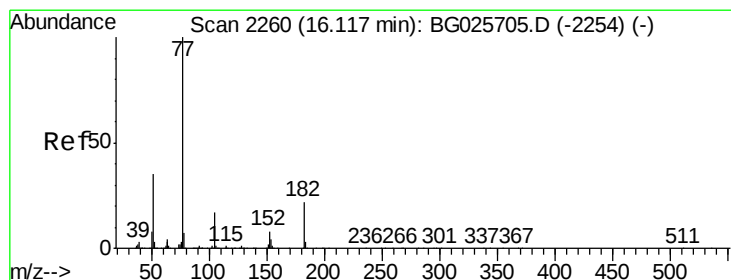
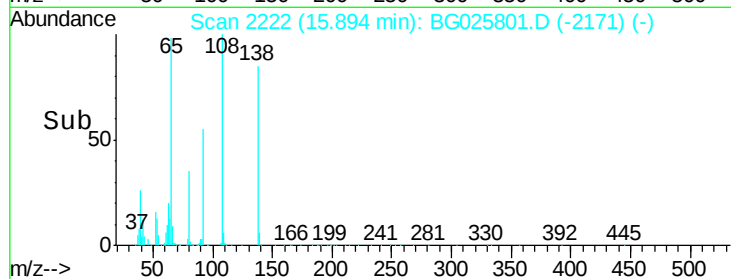
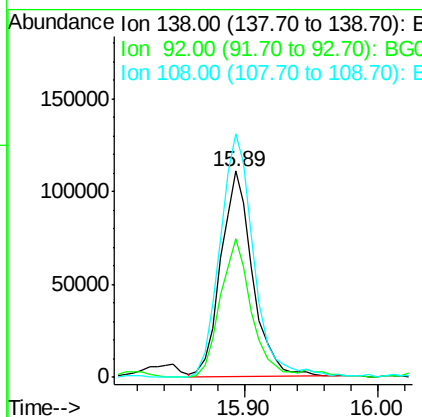
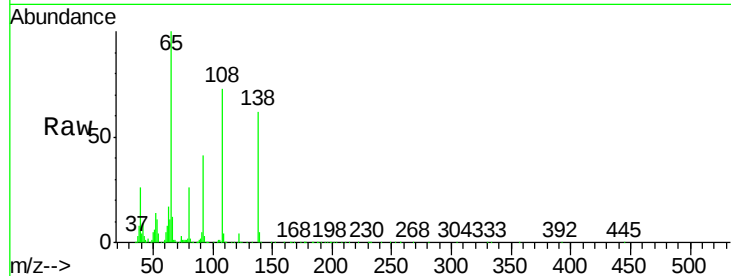
#61
4-Nitroaniline
Concen: 40.10 ng
RT: 15.89 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	185038		
92	67.1	44.2	84.2	
108	117.9	104.8	144.8	

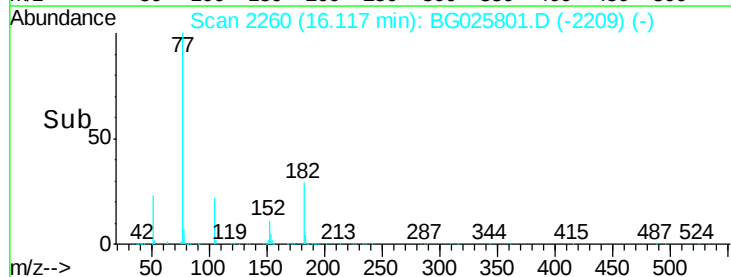
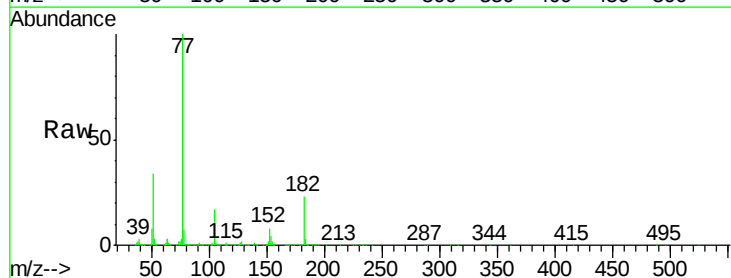
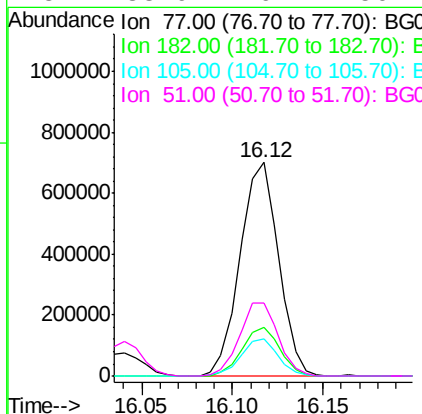
Manual Integrations
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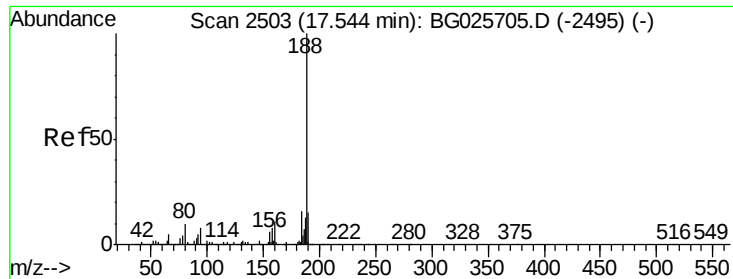
mohammad
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#62
Azobenzene
Concen: 44.47 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1032349		
182	22.8	4.7	44.7	
105	17.1	0.0	36.3	
51	33.9	16.4	56.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

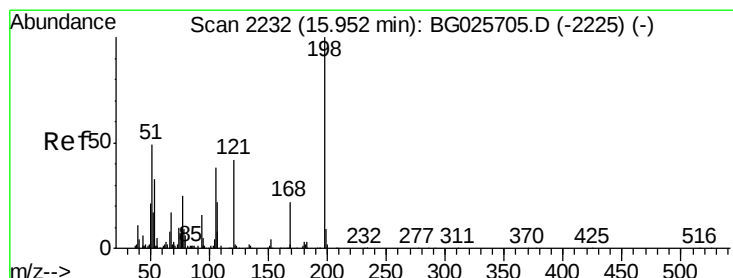
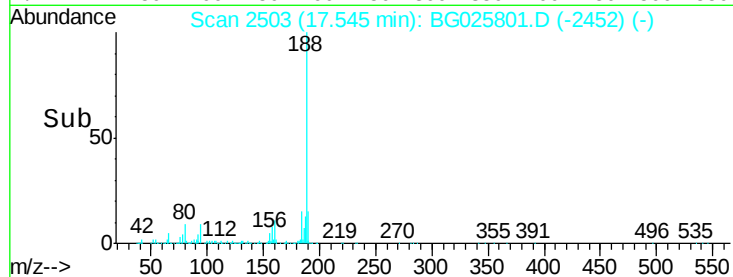
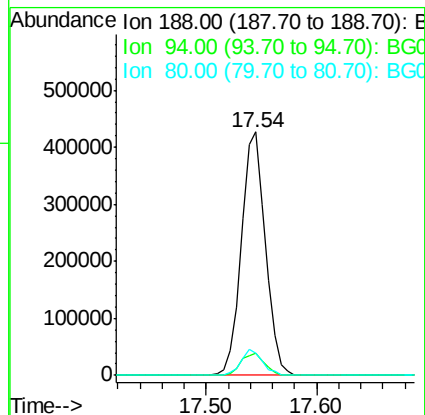
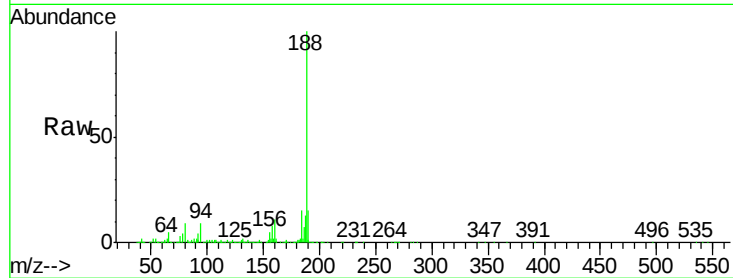
ClientSampleId :

PB96126BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	5.8	8.8#
80	8.9	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.27 ng

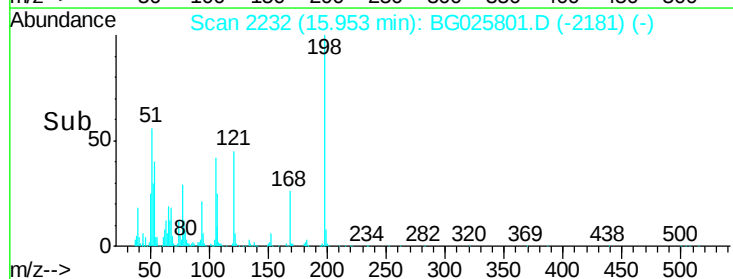
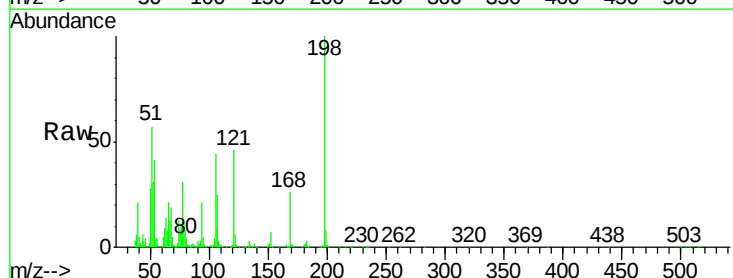
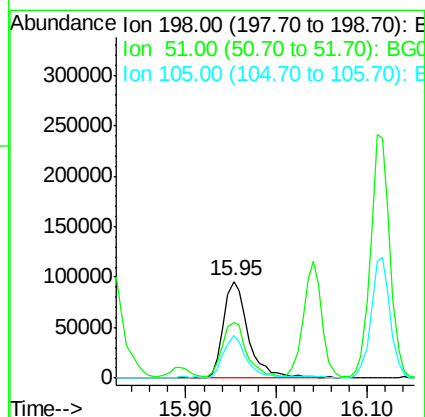
RT: 15.95 min Scan# 2232

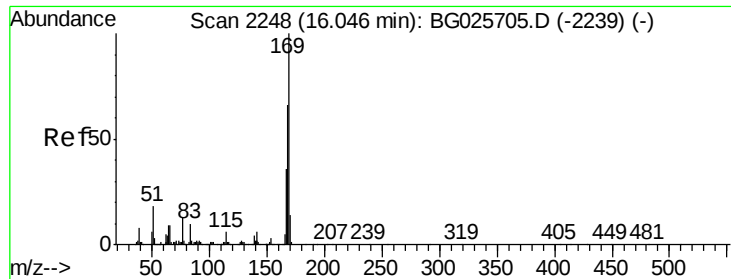
Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	57.0	22.6	62.6
105	44.0	14.4	54.4





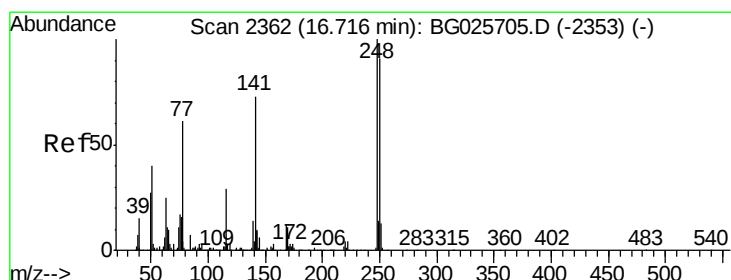
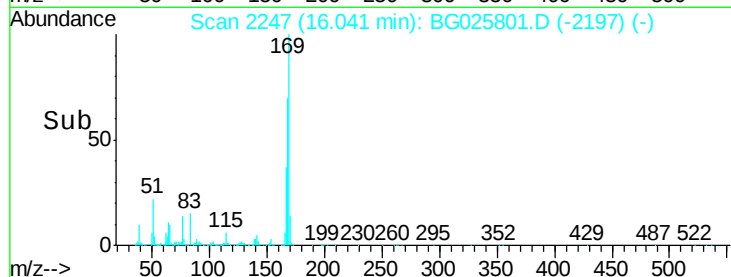
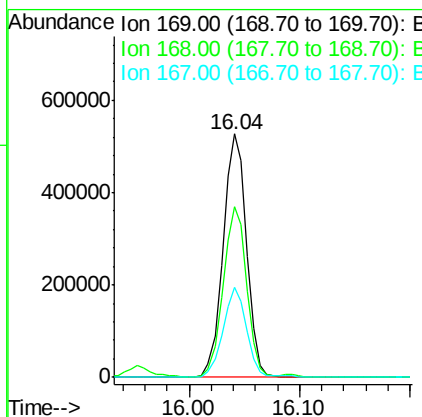
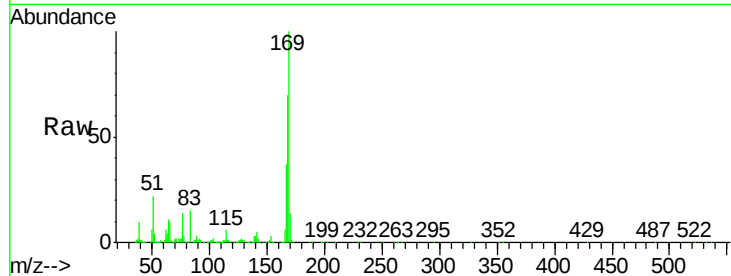
#65
n-Nitrosodiphenylamine
Concen: 41.80 ng
RT: 16.04 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	781394		
168	70.3		55.7	83.5
167	37.2		29.8	44.6

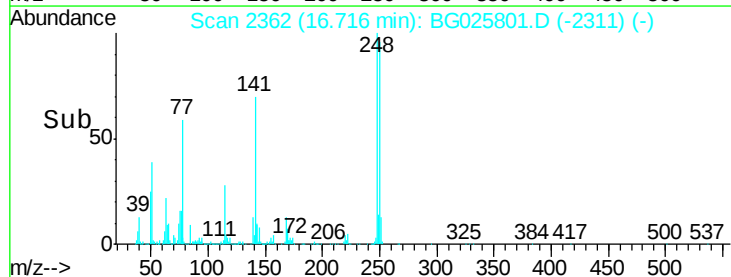
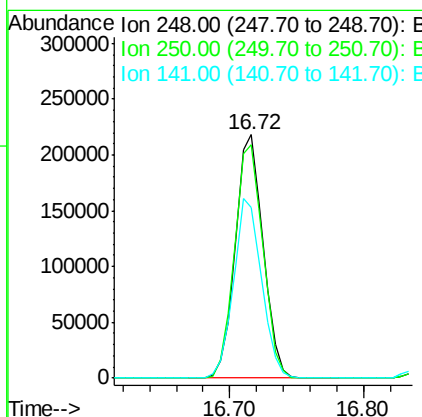
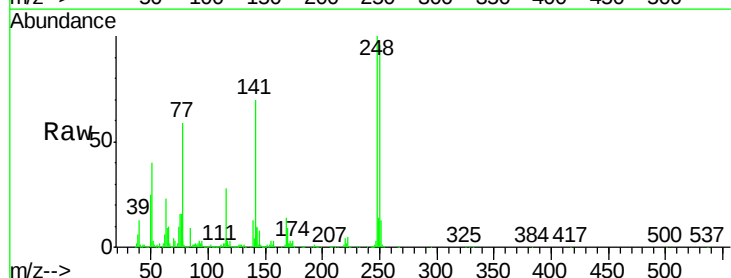
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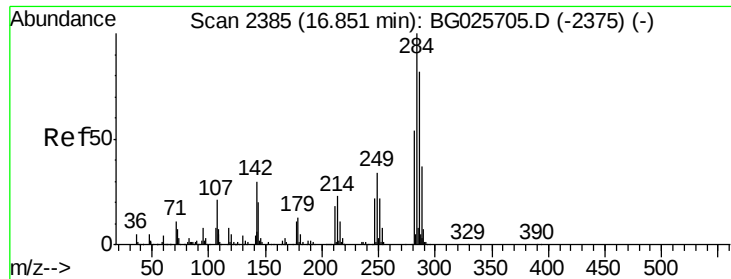
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 39.68 ng
RT: 16.72 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	314237		
250	95.9		75.0	112.6
141	70.1		55.2	82.8





#67

Hexachlorobenzene

Concen: 39.25 ng

RT: 16.85 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

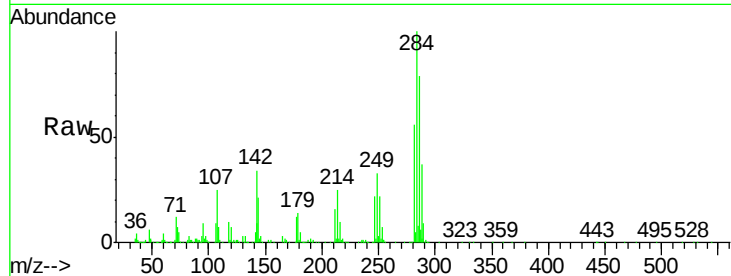
ClientSampleId :

PB96126BSD

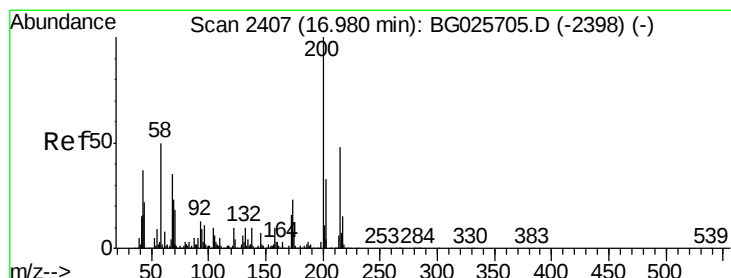
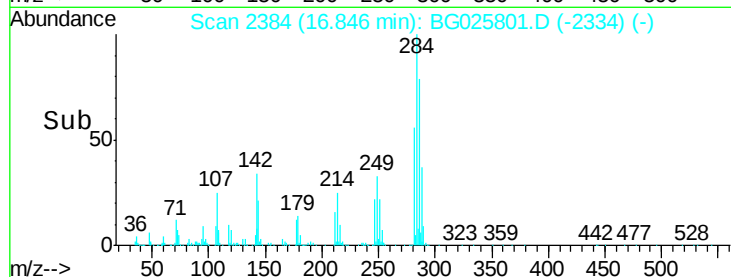
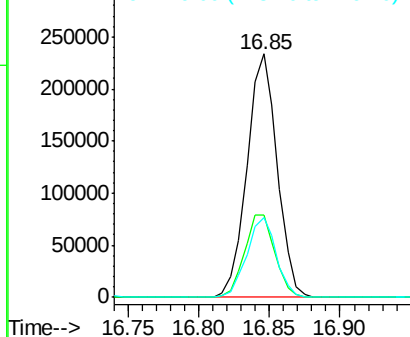
Tgt Ion:	284	Resp:	349531
Ion Ratio		Lower	Upper
284	100		
142	33.7	29.9	44.9
249	32.8	29.2	43.8

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.44 ng

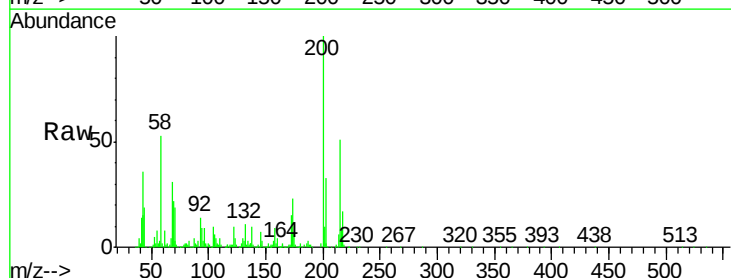
RT: 16.98 min Scan# 2407

Delta R.T. 0.00 min

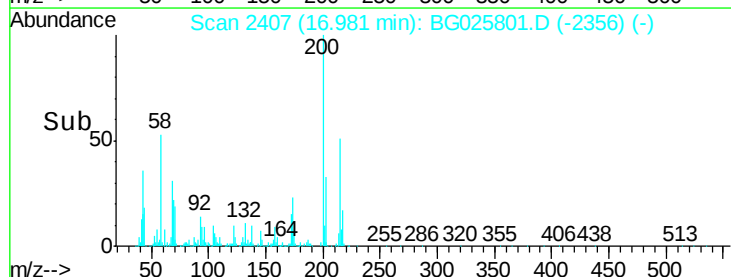
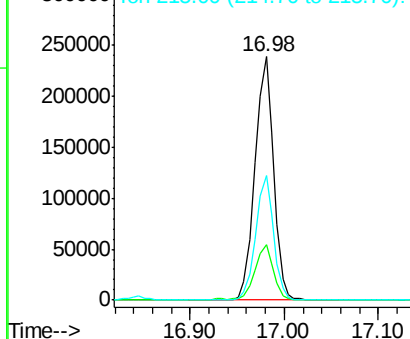
Lab File: BG025801.D

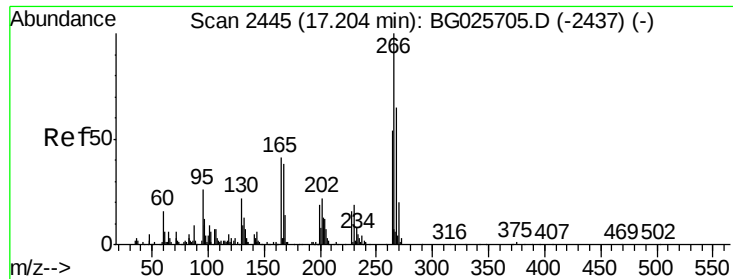
Acq: 3 Feb 2017 19:16

Tgt Ion:	200	Resp:	327053
Ion Ratio		Lower	Upper
200	100		
173	22.5	3.0	43.0
215	51.0	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





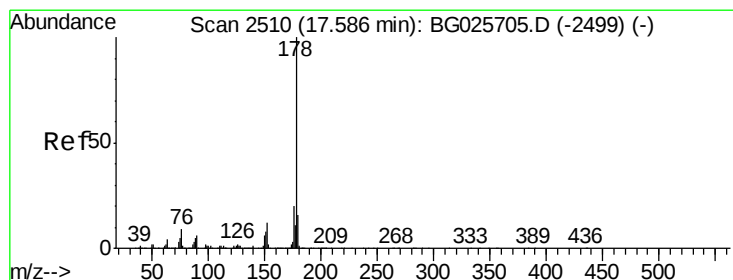
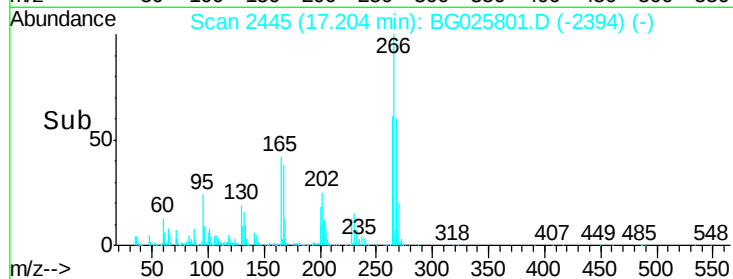
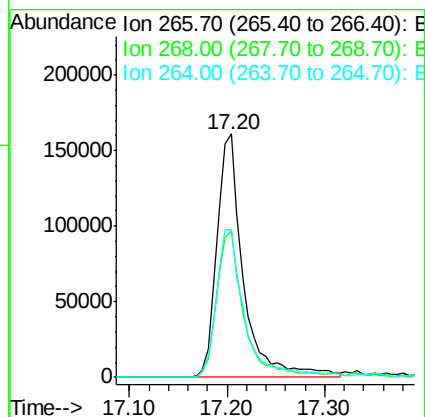
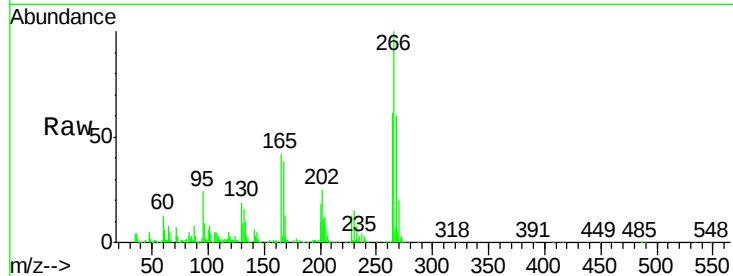
#69
 Pentachlorophenol
 Concen: 77.60 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.3	48.6	72.8
264	60.7	50.1	75.1

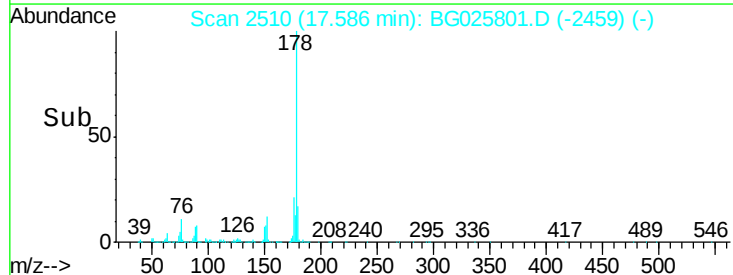
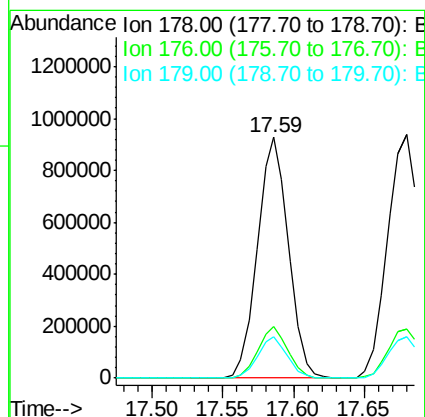
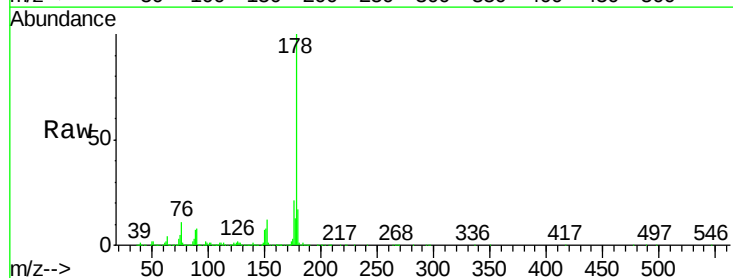
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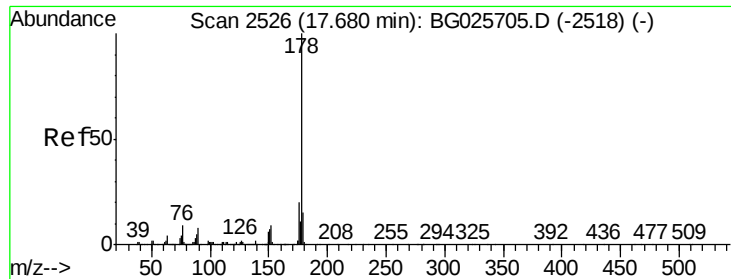
mohammad
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#70
 Phenanthrene
 Concen: 40.29 ng
 RT: 17.59 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.7	26.5
179	17.1	15.0	22.6





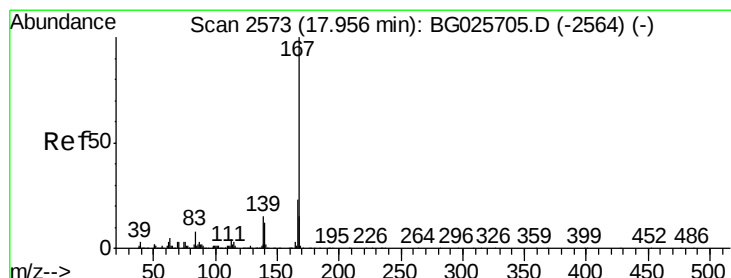
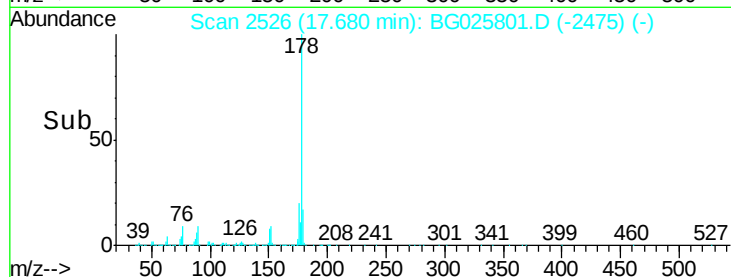
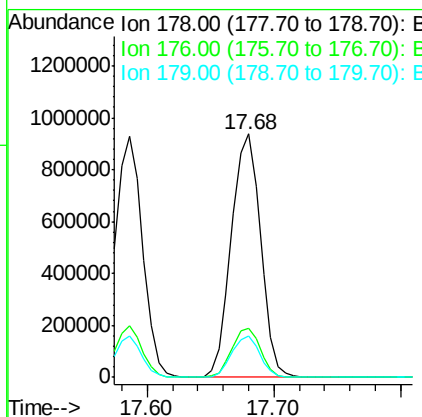
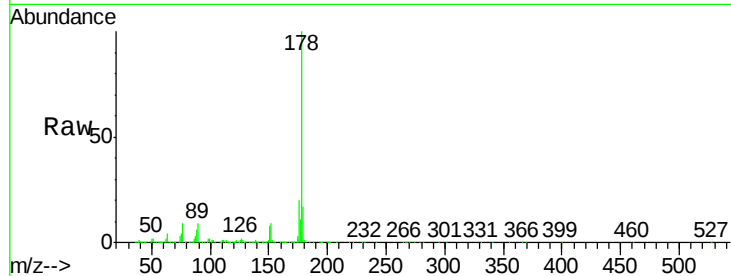
#71
 Anthracene
 Concen: 40.93 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.4	24.6
179	17.1	13.8	20.8

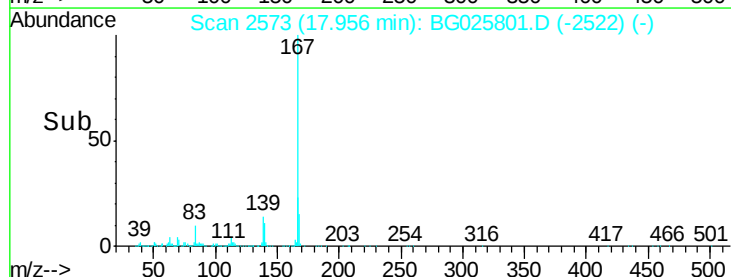
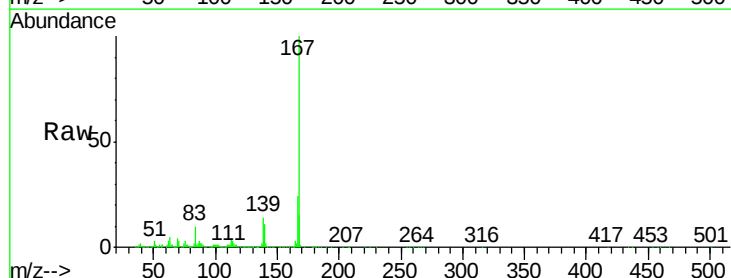
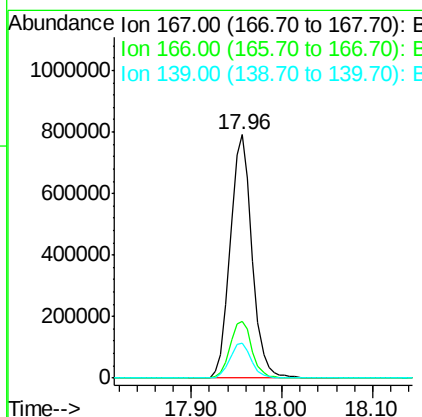
Manual Integrations
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#72
 Carbazole
 Concen: 37.41 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	20.2	30.2
139	14.2	12.8	19.2





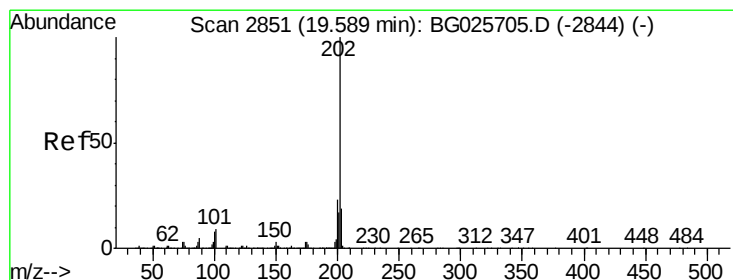
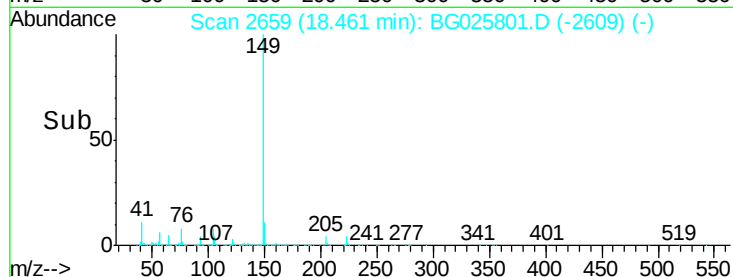
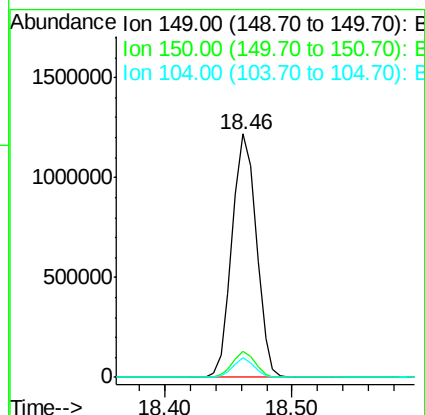
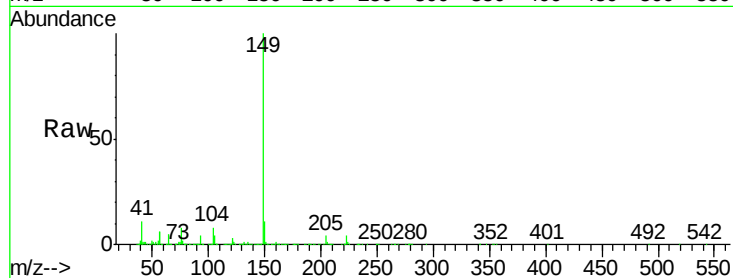
#73
Di-n-butylphthalate
Concen: 39.51 ng
RT: 18.46 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	9.1	13.7
104	7.8	6.7	10.1

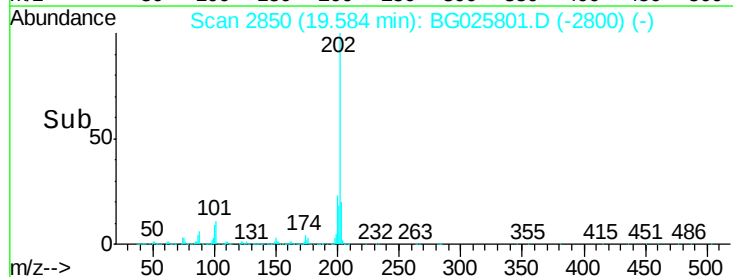
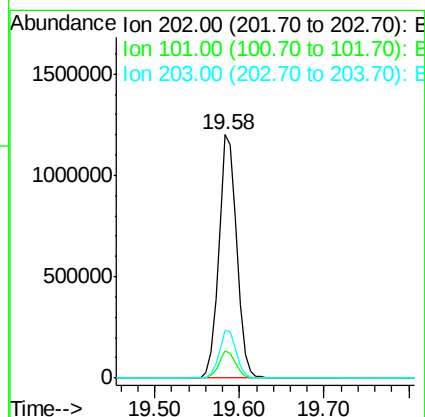
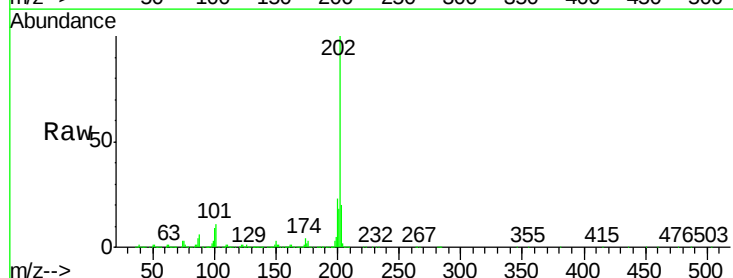
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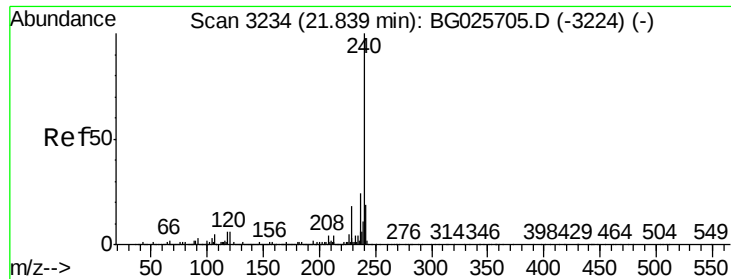
mohammad
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#74
Fluoranthene
Concen: 36.82 ng
RT: 19.58 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.1
203	19.7	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

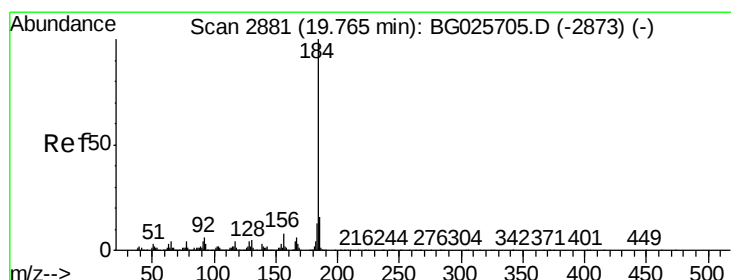
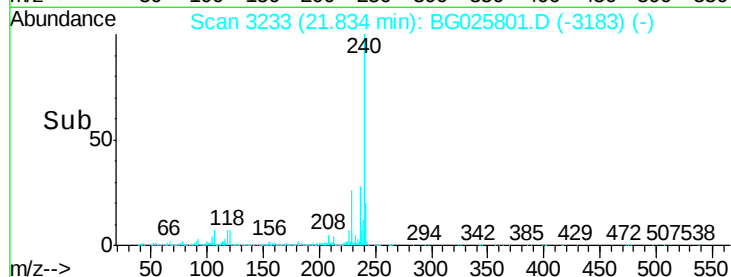
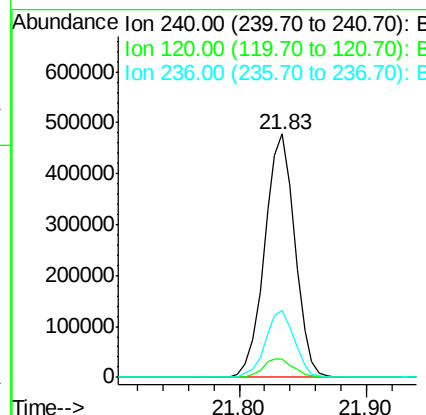
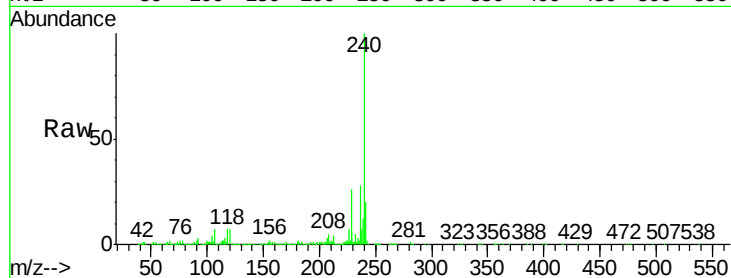
ClientSampleId :

PB96126BSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.7	8.5
236	27.5	22.2	33.4

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#76

Benzidine

Concen: 15.21 ng

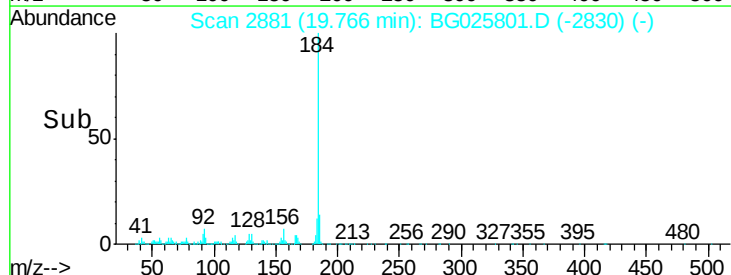
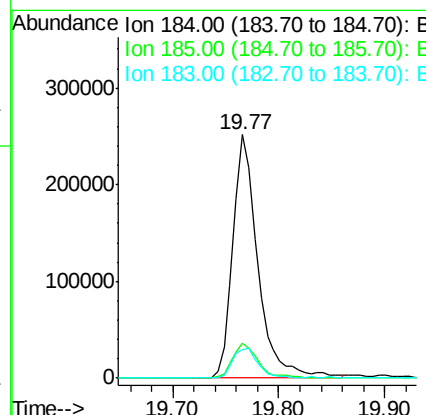
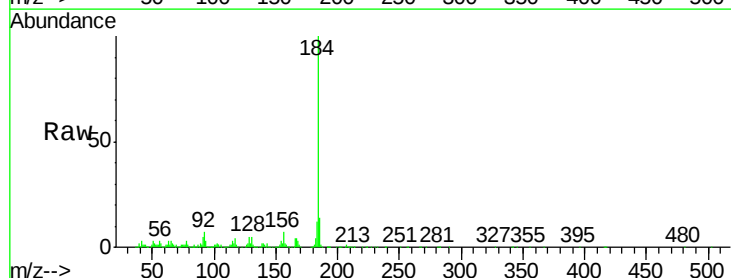
RT: 19.77 min Scan# 2881

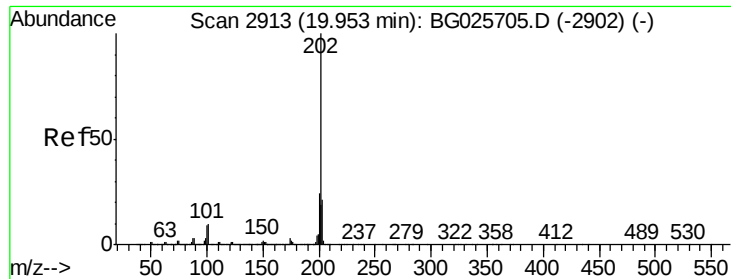
Delta R.T. 0.00 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.0	19.6
183	11.7	11.0	16.6





#77

Pyrene

Concen: 41.29 ng

RT: 19.95 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

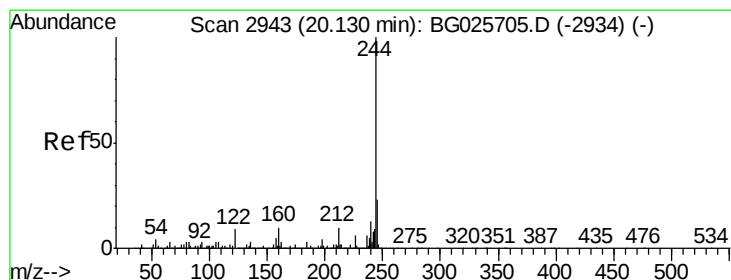
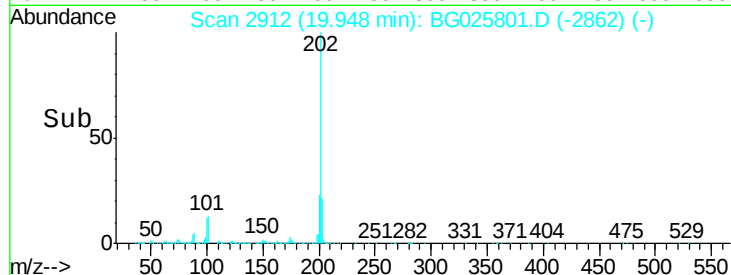
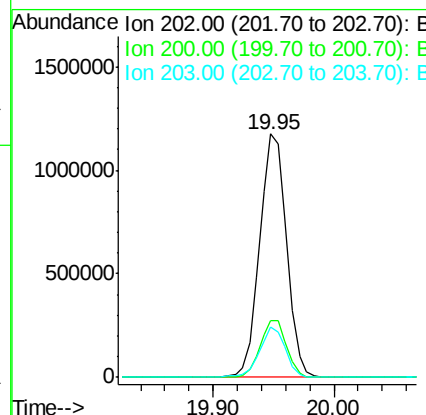
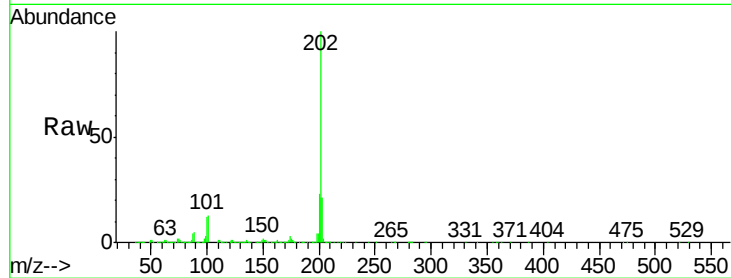
ClientSampleId :

PB96126BSD

Tgt Ion:	202	Resp:	1818914
Ion	Ratio	Lower	Upper
202	100		
200	23.4	19.6	29.4
203	20.9	15.8	23.8

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#78

Terphenyl-d14

Concen: 73.85 ng

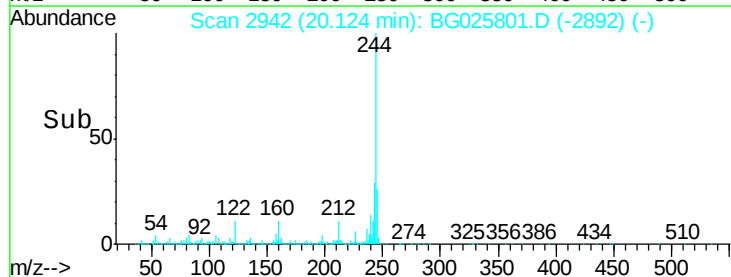
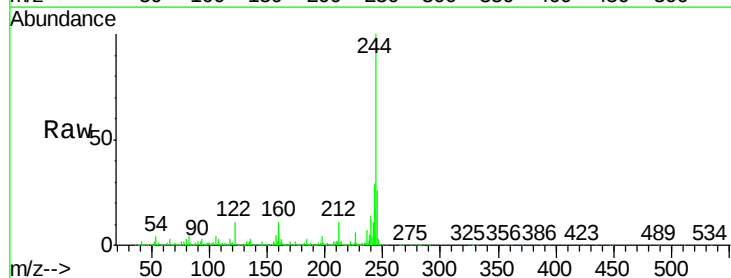
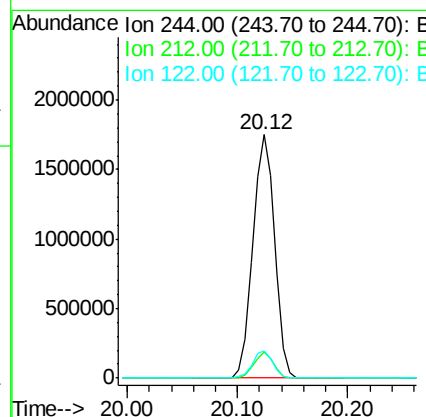
RT: 20.12 min Scan# 2942

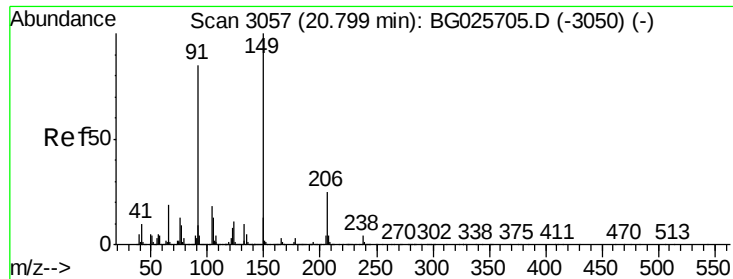
Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion:	244	Resp:	2419523
Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.0	15.0
122	11.1	8.6	12.8





#79

Butylbenzylphthalate

Concen: 43.66 ng

RT: 20.79 min Scan# 3056

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

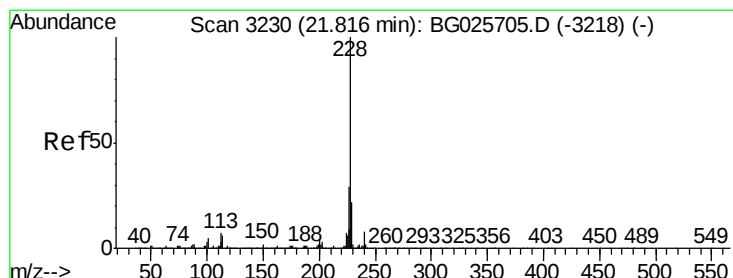
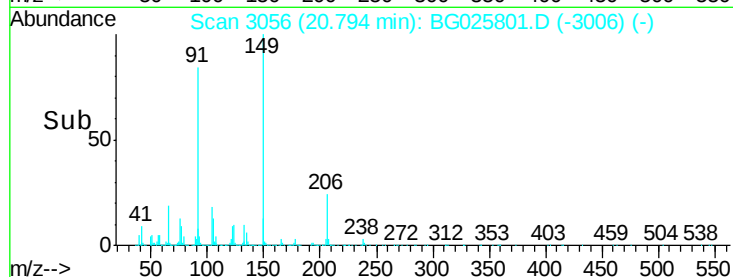
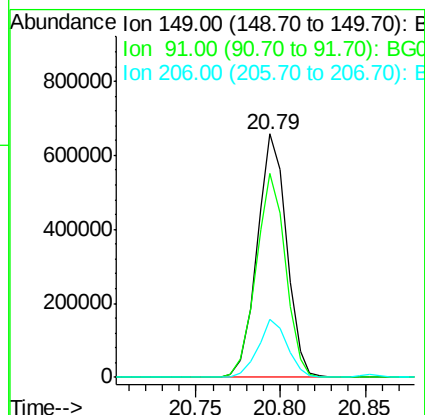
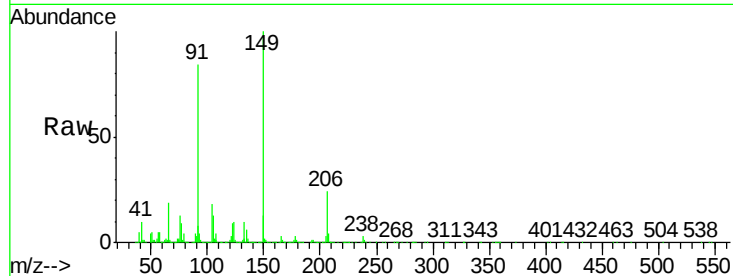
ClientSampleId :

PB96126BSD

Tgt Ion:	149	Resp:	798545
Ion Ratio	Lower	Upper	
149	100		
91	83.6	63.5	95.3
206	23.7	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 40.90 ng

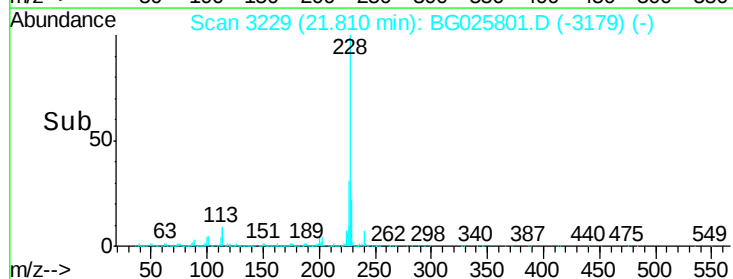
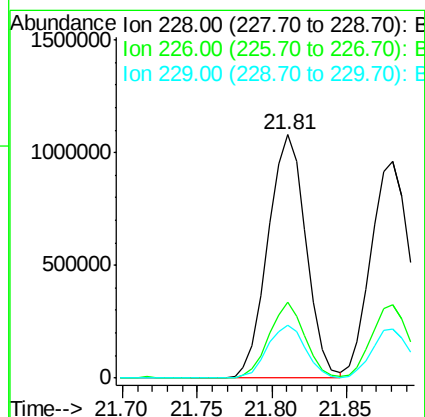
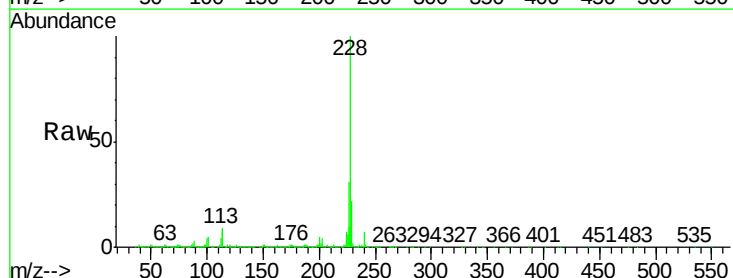
RT: 21.81 min Scan# 3229

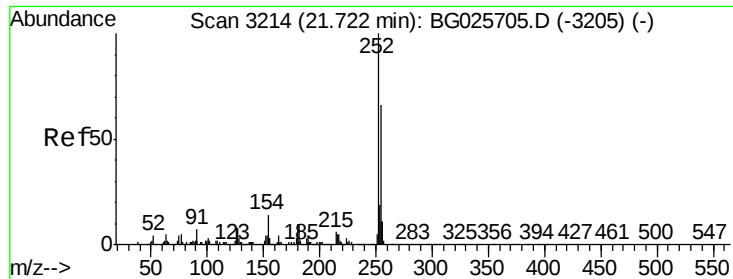
Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion:	228	Resp:	1915443
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	21.8	18.2	27.2





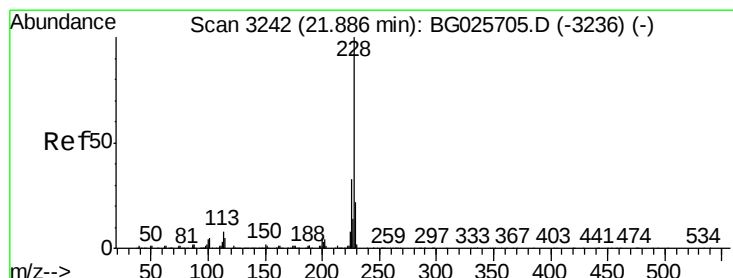
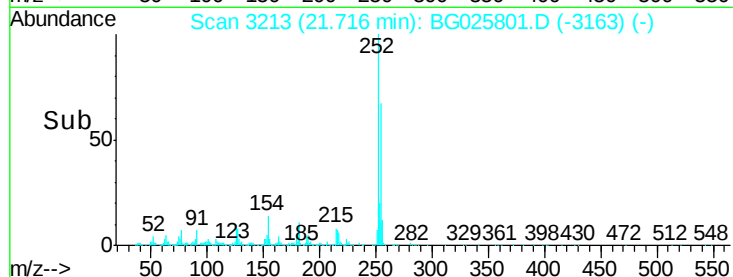
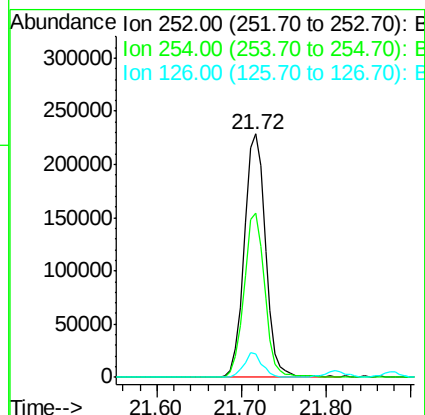
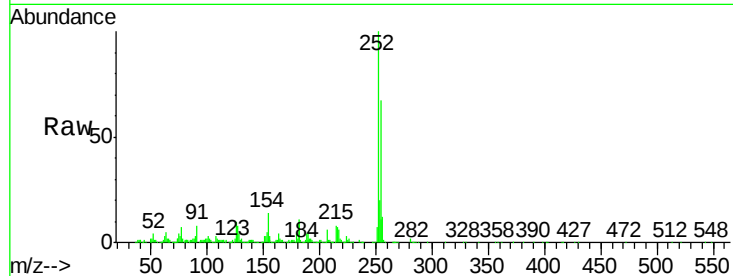
#81
 3,3'-Dichlorobenzidine
 Concen: 21.68 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	398554		
254	67.4	53.1	79.7	
126	9.9	7.0	10.4	

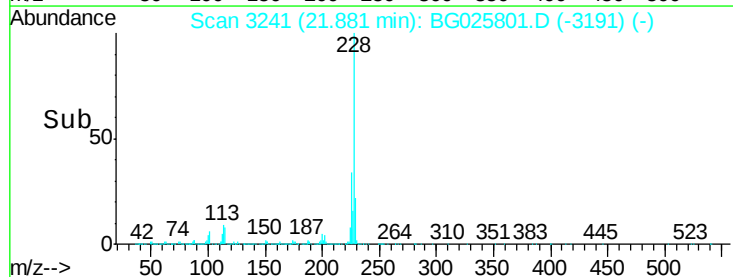
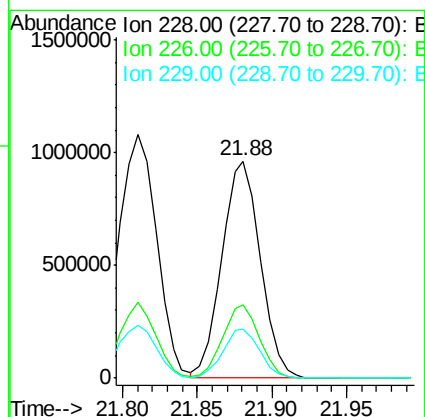
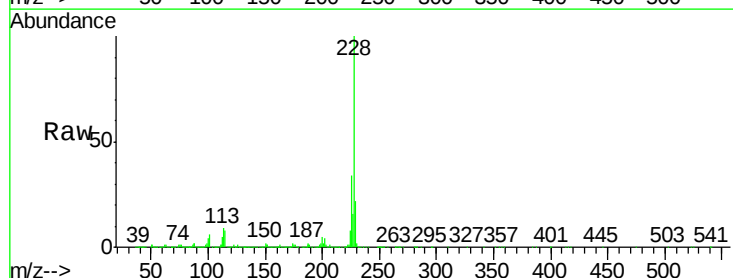
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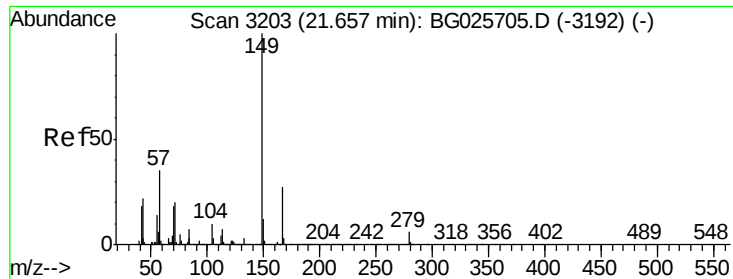
mohammad
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#82
 Chrysene
 Concen: 39.04 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1728155		
226	34.0	27.0	40.4	
229	22.4	17.8	26.6	





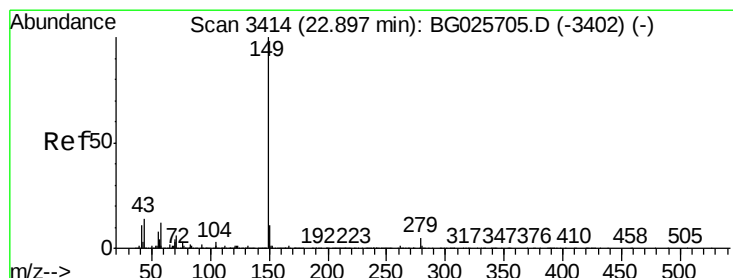
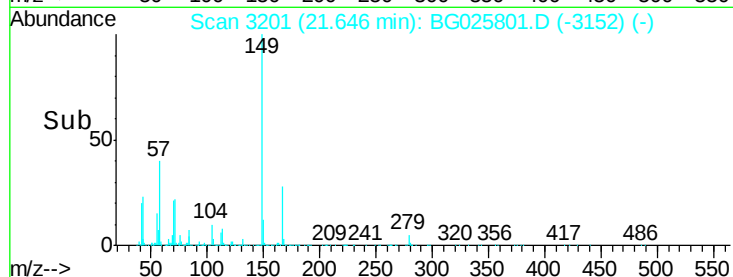
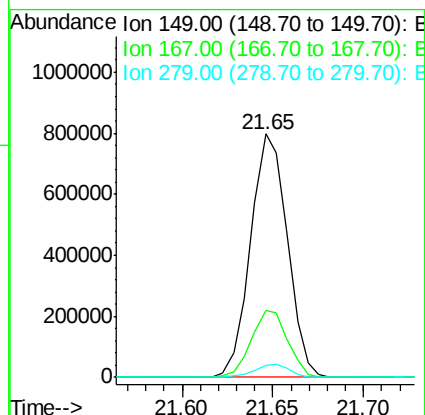
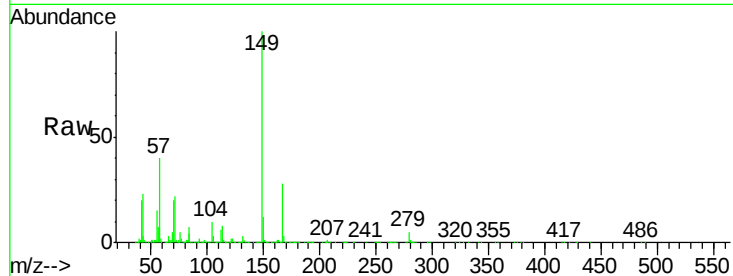
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.07 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion:149 Resp: 1122571
 Ion Ratio Lower Upper
 149 100
 167 27.5 23.7 35.5
 279 5.0 4.6 6.8

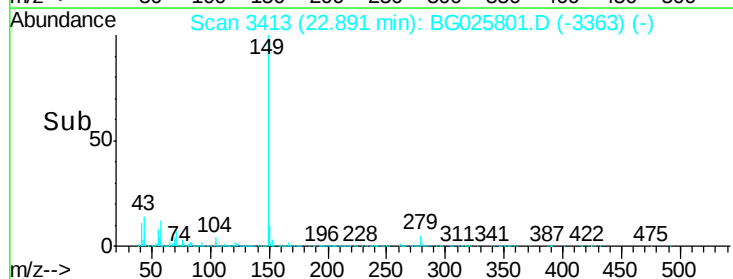
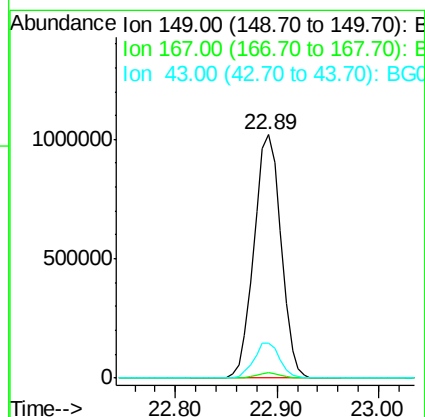
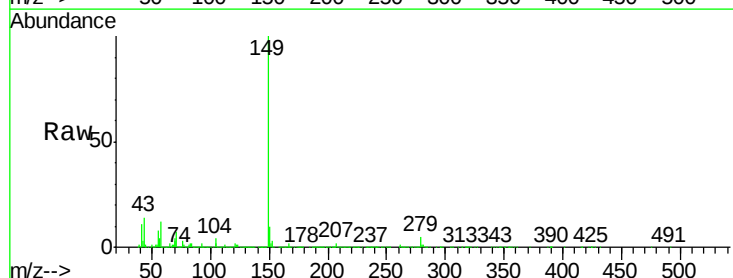
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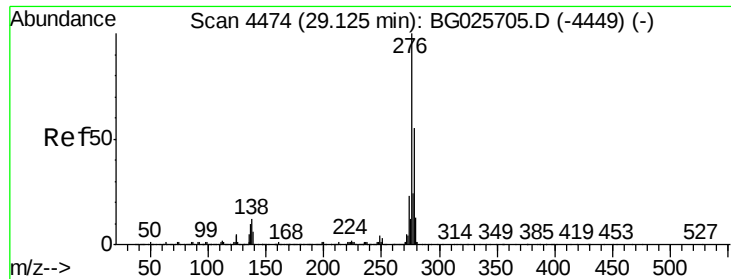
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 45.42 ng
 RT: 22.89 min Scan# 3413
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Tgt Ion:149 Resp: 1879547
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.2
 43 13.8 11.8 17.6





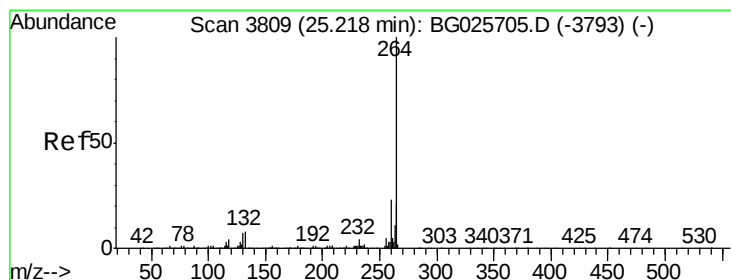
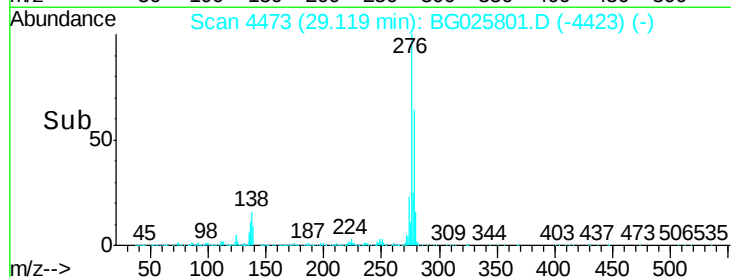
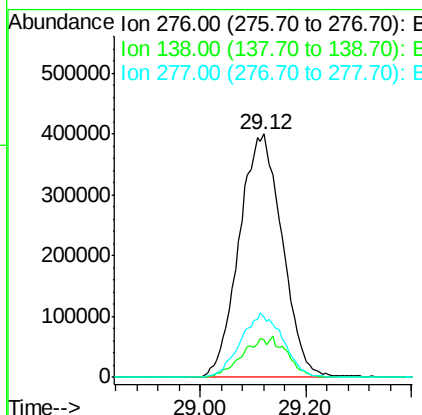
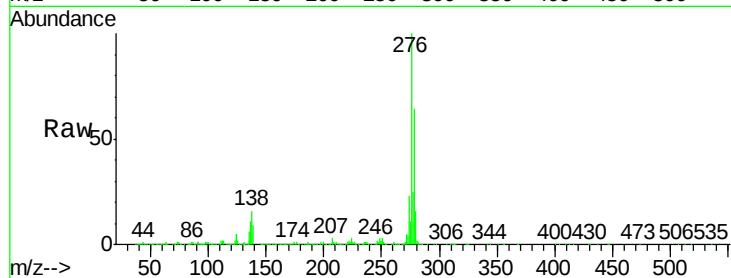
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.89 ng
RT: 29.12 min Scan# 4473
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion:276 Resp: 2260636
Ion Ratio Lower Upper
276 100
138 9.5 4.7 7.1#
277 26.0 20.6 31.0

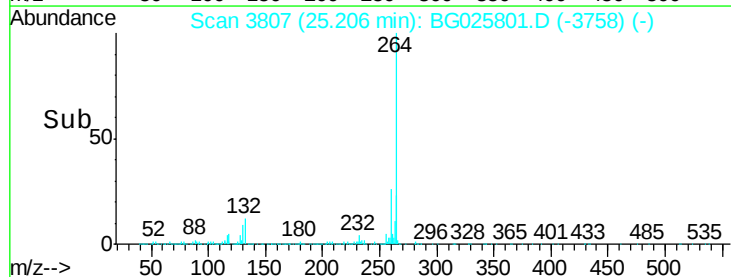
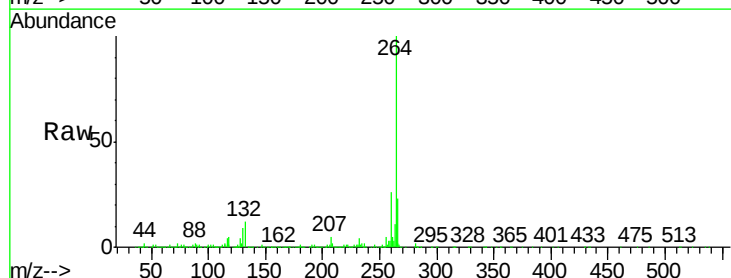
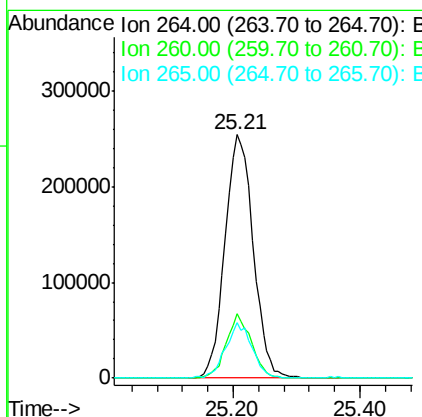
Manual Integrations
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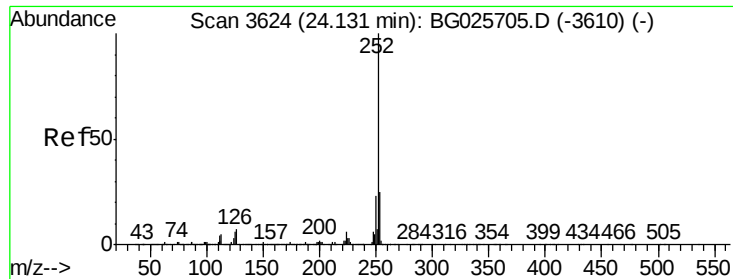
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion:264 Resp: 780894
Ion Ratio Lower Upper
264 100
260 26.3 21.8 32.8
265 22.8 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 42.80 ng

RT: 24.13 min Scan# 3623

Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Instrument :

BNA_G

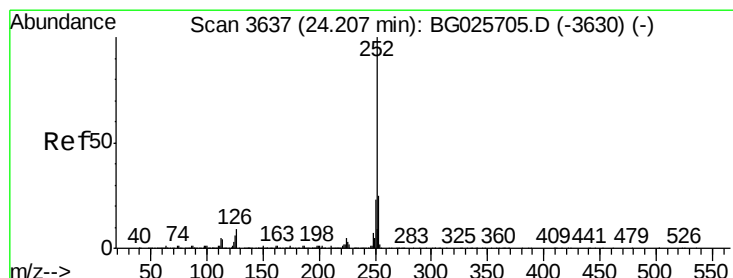
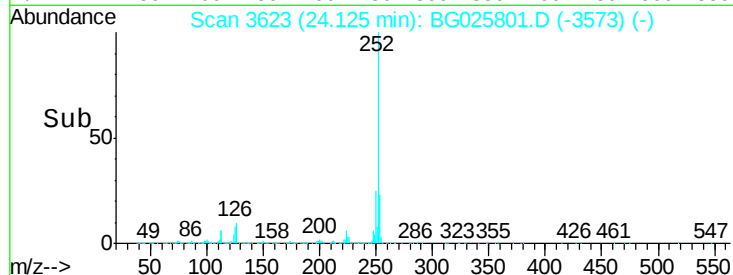
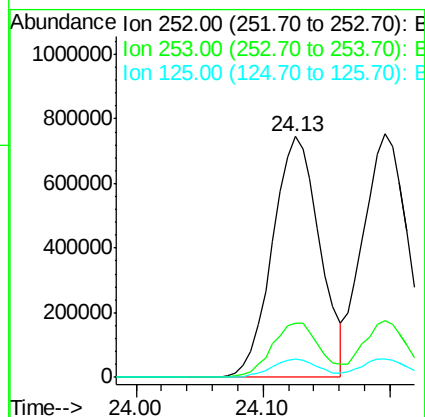
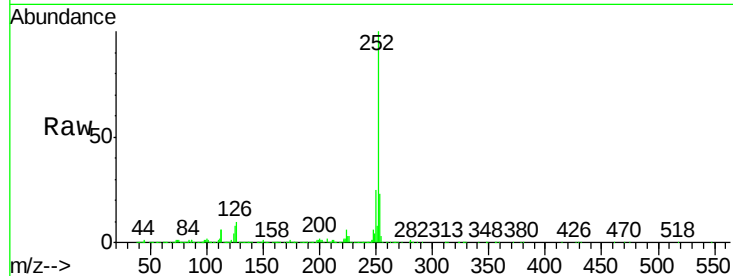
ClientSampleId :

PB96126BSD

Tgt Ion:	252	Resp:	1931822
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.7	28.1
125	7.5	5.3	7.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.90 ng

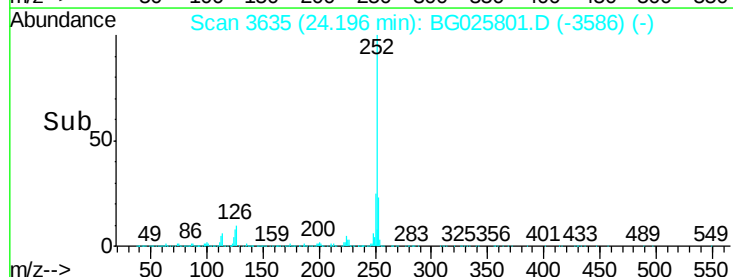
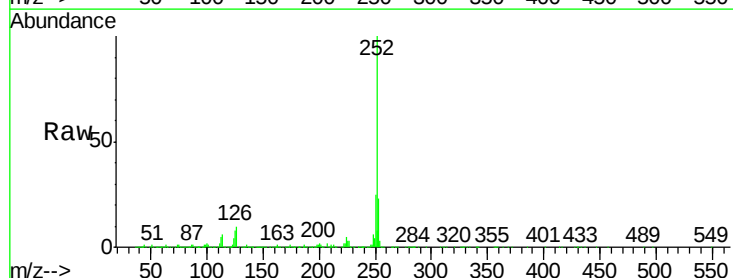
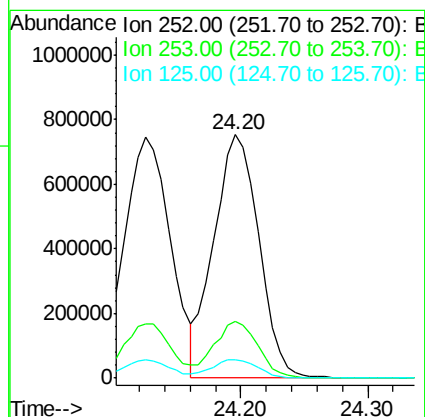
RT: 24.20 min Scan# 3635

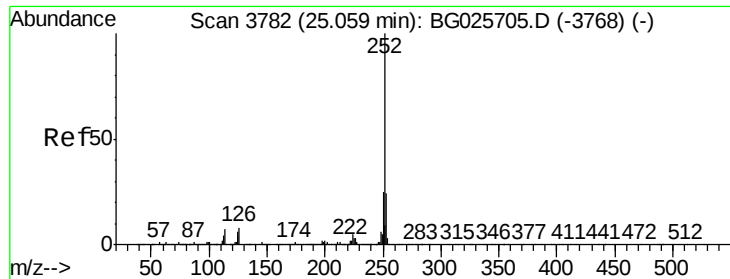
Delta R.T. -0.01 min

Lab File: BG025801.D

Acq: 3 Feb 2017 19:16

Tgt Ion:	252	Resp:	1850876
Ion Ratio	Lower	Upper	
252	100		
253	23.4	20.2	30.2
125	7.6	5.1	7.7





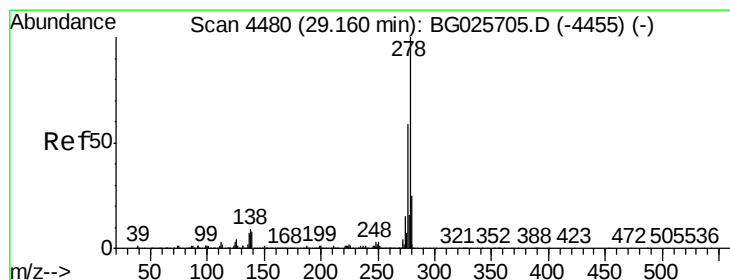
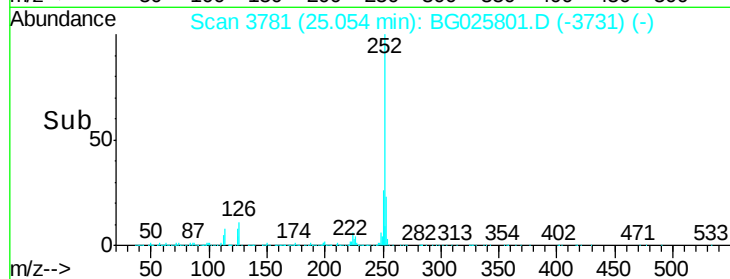
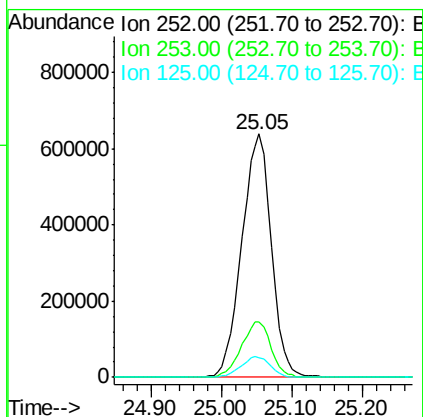
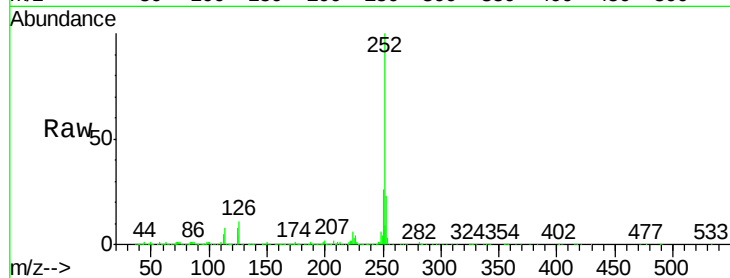
#89
Benzo(a)pyrene
Concen: 43.28 ng
RT: 25.05 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB96126BSD

Tgt Ion: 252 Resp: 1858073
Ion Ratio Lower Upper
252 100
253 22.8 19.2 28.8
125 8.1 5.4 8.0#

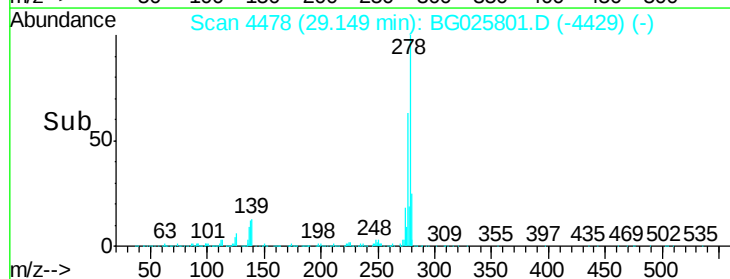
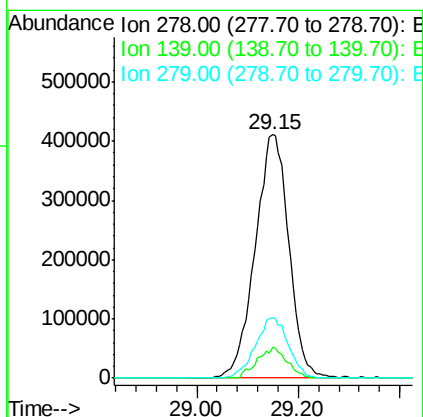
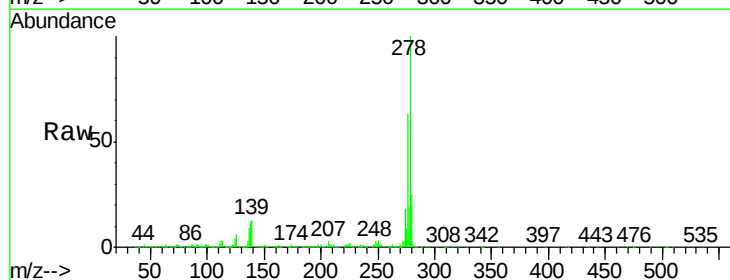
Manual Integrations
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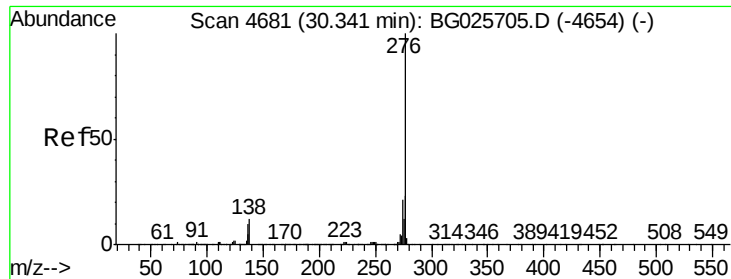
mohammad
2/6/2017 3:19:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.70 ng
RT: 29.15 min Scan# 4478
Delta R.T. -0.01 min
Lab File: BG025801.D
Acq: 3 Feb 2017 19:16

Tgt Ion: 278 Resp: 1895585
Ion Ratio Lower Upper
278 100
139 12.6 7.7 11.5#
279 24.7 19.1 28.7





#91
 Benzo(g,h,i)perylene
 Concen: 42.33 ng
 RT: 30.34 min Scan# 4680
 Delta R.T. -0.01 min
 Lab File: BG025801.D
 Acq: 3 Feb 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	27.8
138	13.5	8.1	12.1

Manual Integrations
 APPROVED

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