

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025785.D
 Acq On : 3 Feb 2017 8:42
 Operator : SJ/MA
 Sample : PB96669BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BSD

Manual Integrations
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 2/3/2017 1:58:33 PM

Quant Time: Feb 03 10:54:51 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	78336	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	335821	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	270192	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	627687	20.00	ng	0.00
75) Chrysene-d12	21.83	240	800057	20.00	ng	0.00
86) Perylene-d12	25.21	264	804701	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	373200	85.38	ng	0.00
7) Phenol-d6	7.32	99	555715	87.05	ng	0.00
23) Nitrobenzene-d5	9.35	82	696998	87.69	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	279074	72.43	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1415537	85.09	ng	0.00
78) Terphenyl-d14	20.12	244	2560673	77.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	66138	33.38	ng	# 90
3) Pyridine	3.95	79	206960	38.49	ng	95
4) n-Nitrosodimethylamine	3.87	42	132053	42.69	ng	# 81
6) Aniline	7.49	93	121991	13.56	ng	95
8) 2-Chlorophenol	7.72	128	231016	46.56	ng	92
9) Benzaldehyde	7.31	77	142379	26.29	ng	99
10) Phenol	7.35	94	353403	49.26	ng	93
11) bis(2-Chloroethyl)ether	7.58	93	242975	42.83	ng	91
12) 1,3-Dichlorobenzene	8.05	146	244787	40.34	ng	98
13) 1,4-Dichlorobenzene	8.19	146	248895	40.35	ng	97
14) 1,2-Dichlorobenzene	8.52	146	240290	40.65	ng	93
15) Benzyl Alcohol	8.41	79	257606	46.67	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	467574	40.82	ng	97
17) 2-Methylphenol	8.62	107	225116	45.93	ng	94
18) Hexachloroethane	9.24	117	97333	38.75	ng	94
19) n-Nitroso-di-n-propylamine	8.97	70	238572	42.35	ng	# 97
20) 3+4-Methylphenols	8.95	107	297746	44.52	ng	94
22) Acetophenone	9.00	105	370868	40.34	ng	# 99
24) Nitrobenzene	9.39	77	350505	40.39	ng	98
25) Isophorone	9.90	82	626162	40.43	ng	97
26) 2-Nitrophenol	10.10	139	138954	45.19	ng	93
27) 2,4-Dimethylphenol	10.15	122	256734	47.94	ng	95
28) bis(2-Chloroethoxy)methane	10.38	93	351988	42.94	ng	98
29) 2,4-Dichlorophenol	10.66	162	261884	47.65	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	268632	42.02	ng	91
31) Naphthalene	11.04	128	724502	41.56	ng	100
32) Benzoic acid	10.31	122	129199	39.04	ng	# 81
33) 4-Chloroaniline	11.18	127	52151	7.20	ng	# 91
34) Hexachlorobutadiene	11.30	225	193984	37.30	ng	96
35) Caprolactam	11.94	113	101043m	43.15	ng	
36) 4-Chloro-3-methylphenol	12.28	107	318648	47.59	ng	97
37) 2-Methylnaphthalene	12.64	142	574216	42.66	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	347715	38.43	ng	97
40) Hexachlorocyclopentadiene	12.96	237	248472	72.27	ng	94

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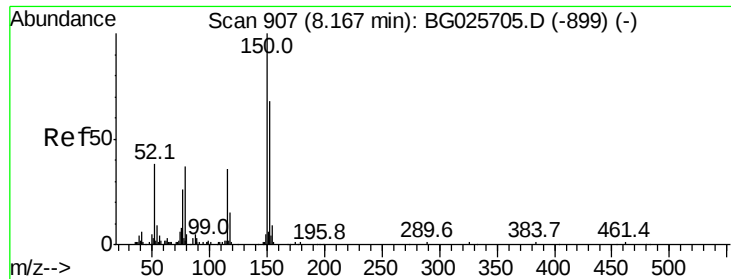
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	230684	43.55	ng	95
43) 2,4,5-Trichlorophenol	13.34	196	245804	42.98	ng	97
45) 1,1'-Biphenyl	13.63	154	772725	41.11	ng	96
46) 2-Chloronaphthalene	13.68	162	623169	42.22	ng	97
47) 2-Nitroaniline	13.90	65	267600	42.12	ng	97
48) Acenaphthylene	14.52	152	982594	40.02	ng	99
49) Dimethylphthalate	14.24	163	836628	41.12	ng	98
50) 2,6-Dinitrotoluene	14.39	165	192591	41.80	ng	92
51) Acenaphthene	14.86	154	630179	41.53	ng	99
52) 3-Nitroaniline	14.73	138	53408	12.29	ng	# 90
53) 2,4-Dinitrophenol	14.95	184	221587	80.34	ng	88
54) Dibenzofuran	15.19	168	1016737	44.35	ng	99
55) 4-Nitrophenol	15.05	139	278226	82.63	ng	89
56) 2,4-Dinitrotoluene	15.19	165	284738	42.23	ng	# 80
57) Fluorene	15.84	166	843685	41.42	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	249375	46.67	ng	96
59) Diethylphthalate	15.59	149	886435	41.09	ng	97
60) 4-Chlorophenyl-phenylether	15.82	204	449140	40.67	ng	95
61) 4-Nitroaniline	15.89	138	183354	42.03	ng	92
62) Azobenzene	16.11	77	1027813	46.82	ng	97
64) 4,6-Dinitro-2-methylphenol	15.96	198	176832	39.64	ng	84
65) n-Nitrosodiphenylamine	16.04	169	788859	43.78	ng	100
66) 4-Bromophenyl-phenylether	16.71	248	320930	42.04	ng	96
67) Hexachlorobenzene	16.84	284	352358	41.04	ng	97
68) Atrazine	16.98	200	327009	36.76	ng	98
69) Pentachlorophenol	17.20	266	314726	83.43	ng	96
70) Phenanthrene	17.58	178	1455381	42.67	ng	98
71) Anthracene	17.68	178	1504106	42.76	ng	99
72) Carbazole	17.95	167	1348114	39.57	ng	98
73) Di-n-butylphthalate	18.46	149	1631256	41.39	ng	97
74) Fluoranthene	19.59	202	1833789	39.23	ng	99
76) Benzidine	19.77	184	499755	18.19	ng	95
77) Pyrene	19.95	202	1872856	42.02	ng	99
79) Butylbenzylphthalate	20.80	149	808542	43.70	ng	96
80) Benzo(a)anthracene	21.81	228	1960416	41.37	ng	100
81) 3,3'-Dichlorobenzidine	21.71	252	359789	19.35	ng	93
82) Chrysene	21.88	228	1789928	39.97	ng	100
83) Bis(2-ethylhexyl)phthalate	21.65	149	1155725	44.85	ng	97
84) Di-n-octyl phthalate	22.89	149	1917450	45.81	ng	98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2308965	42.29	ng	# 93
87) Benzo(b)fluoranthene	24.12	252	1982265	42.62	ng	99
88) Benzo(k)fluoranthene	24.19	252	1946651m	42.76	ng	
89) Benzo(a)pyrene	25.05	252	1884688	42.60	ng	# 96
90) Dibenzo(a,h)anthracene	29.15	278	1923371	42.04	ng	98
91) Benzo(g,h,i)perylene	30.33	276	1912136	42.06	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. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

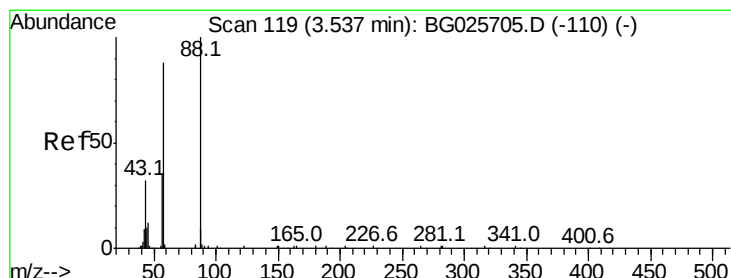
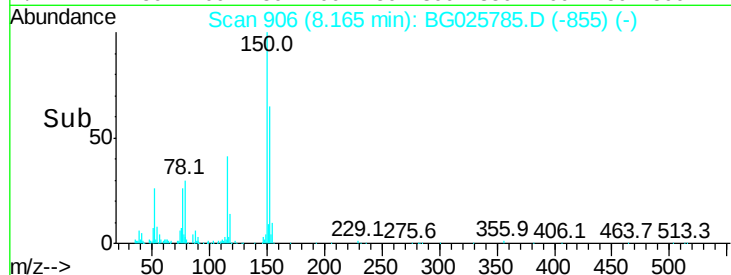
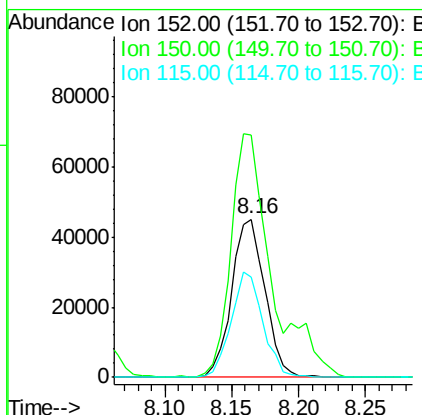
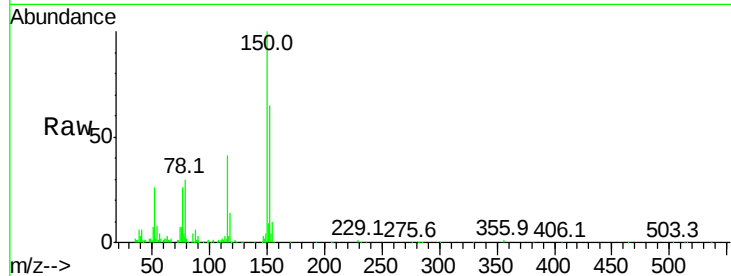
ClientSampleId :

PB96669BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	114.0	171.0
115	63.1	48.1	72.1

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#2

1,4-Dioxane

Concen: 33.38 ng

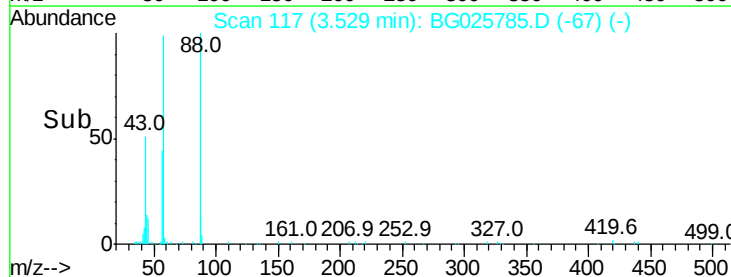
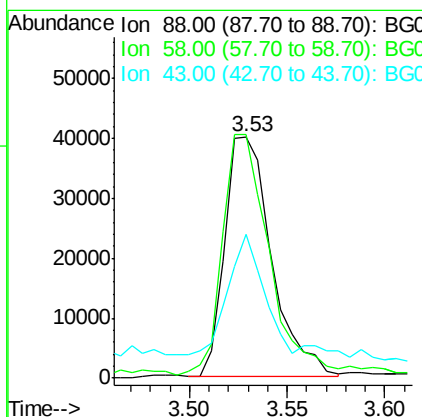
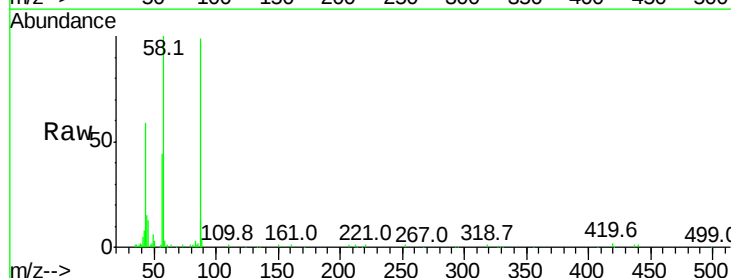
RT: 3.53 min Scan# 117

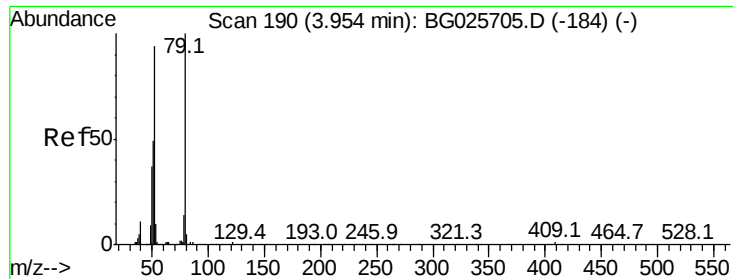
Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.5	79.4	119.2
43	57.4	33.8	50.6





#3

Pvridine

Concen: 38.49 ng

RT: 3.95 min Scan# 188

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

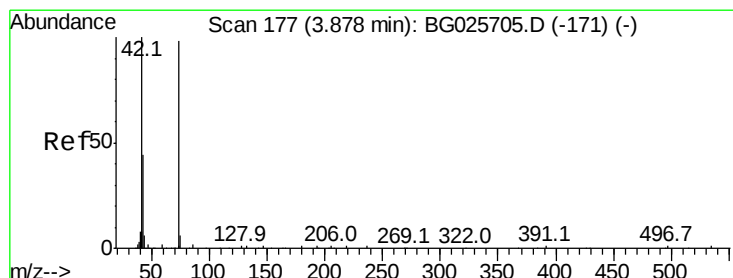
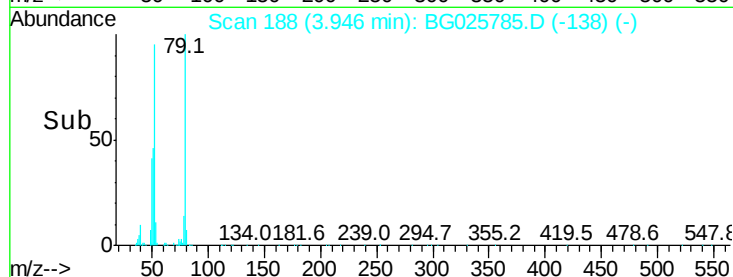
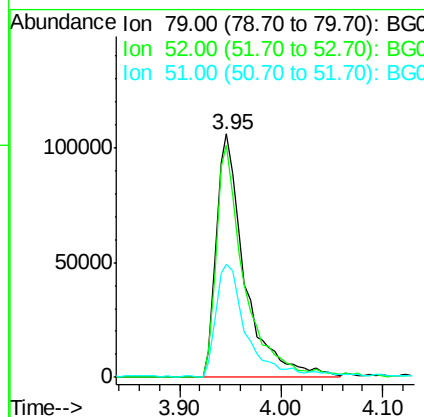
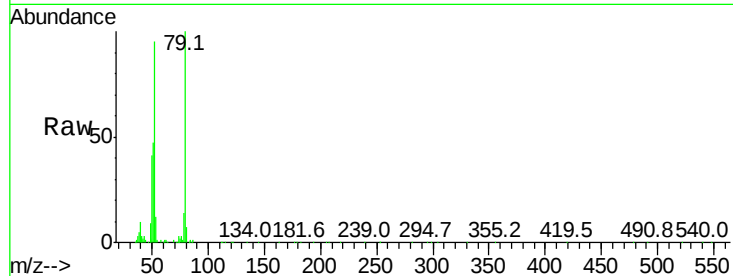
ClientSampleId :

PB96669BSD

Tot Ion:	79	Resp:	206960
Ion Ratio	Lower	Upper	
79	100		
52	95.1	77.8	116.6
51	46.6	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 42.69 ng

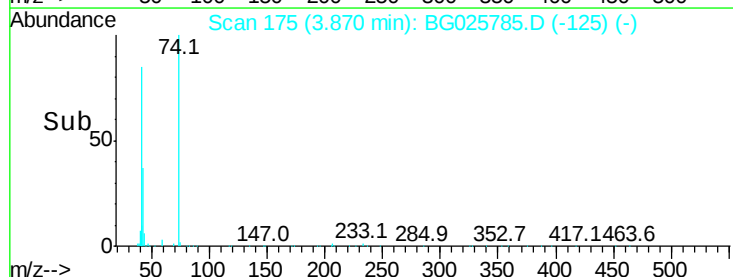
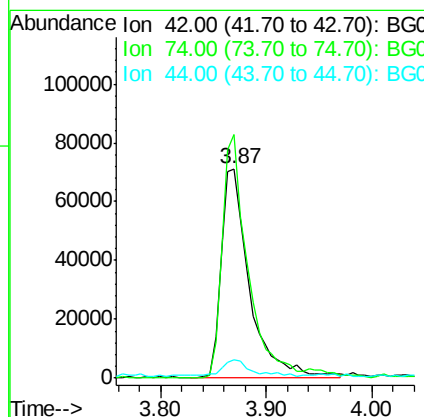
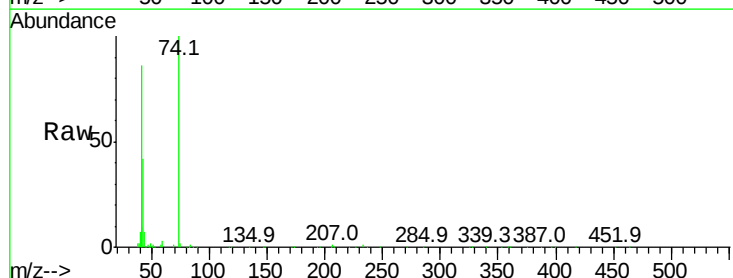
RT: 3.87 min Scan# 175

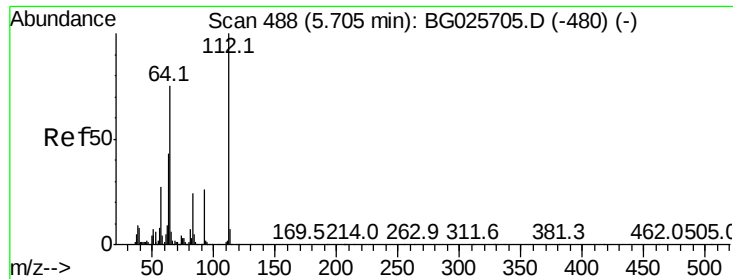
Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	42	Resp:	132053
Ion Ratio	Lower	Upper	
42	100		
74	116.2	76.7	115.1#
44	8.6	6.1	9.1





#5

2-Fluorophenol

Concen: 85.38 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

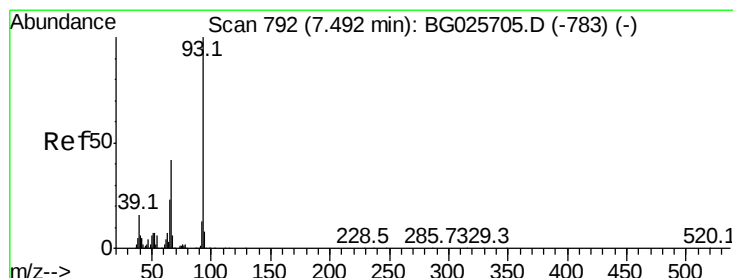
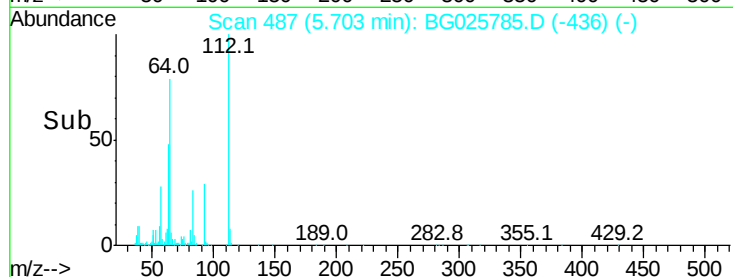
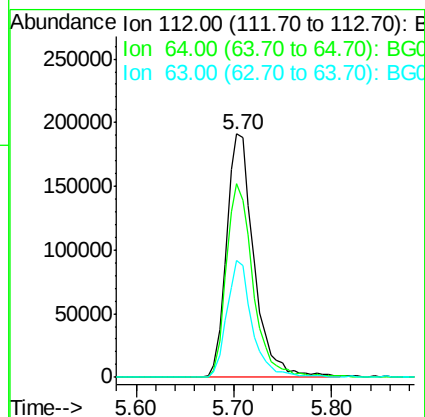
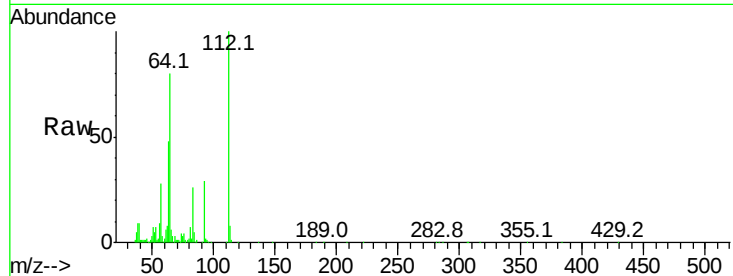
ClientSampleId :

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Tot Ion:	112	Resp:	373200
Ion Ratio	Lower	Upper	
112	100		
64	79.6	61.8	92.6
63	48.0	37.2	55.8

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#6

Aniline

Concen: 13.56 ng

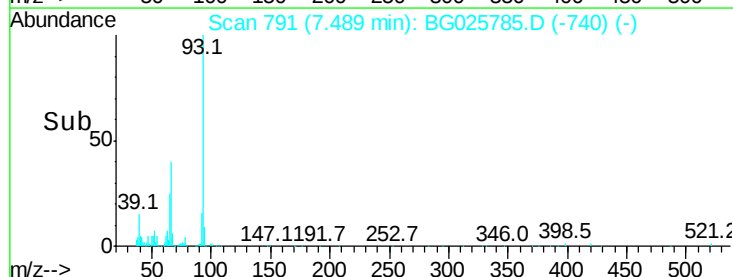
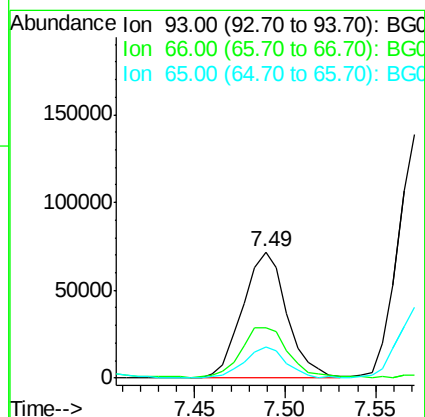
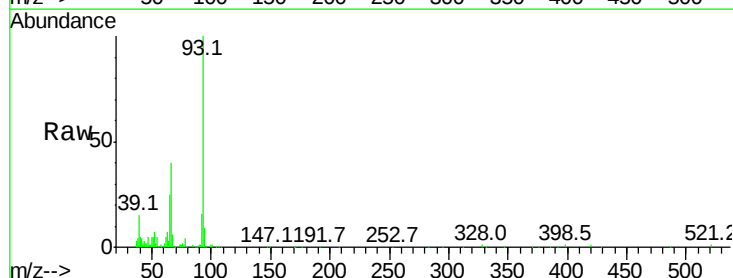
RT: 7.49 min Scan# 791

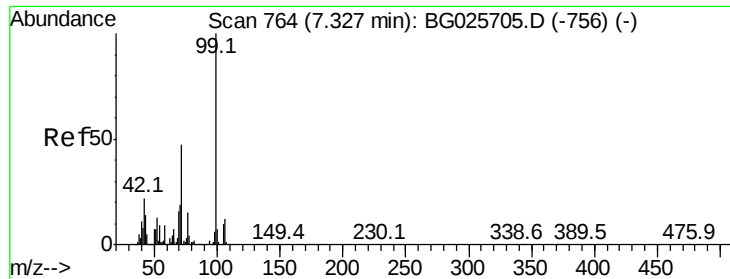
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	93	Resp:	121991
Ion Ratio	Lower	Upper	
93	100		
66	40.4	35.4	53.2
65	24.6	21.2	31.8





#7

Phenol-d6

Concen: 87.05 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

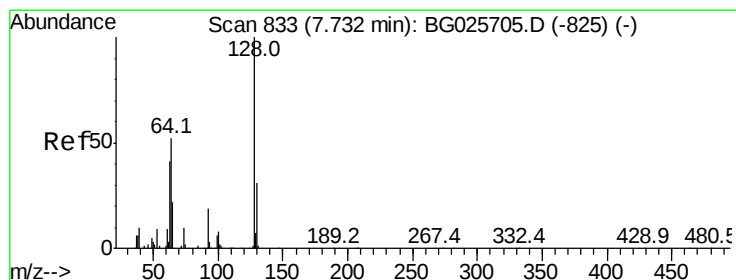
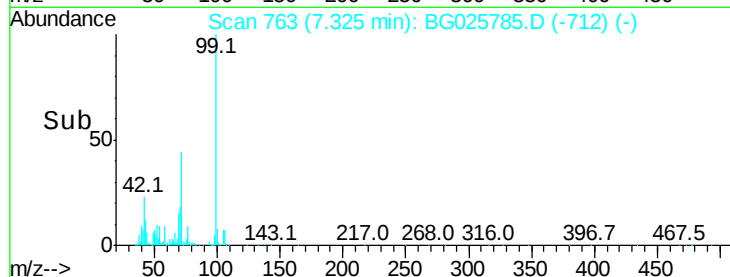
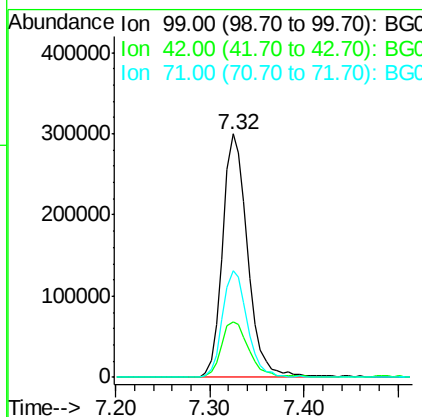
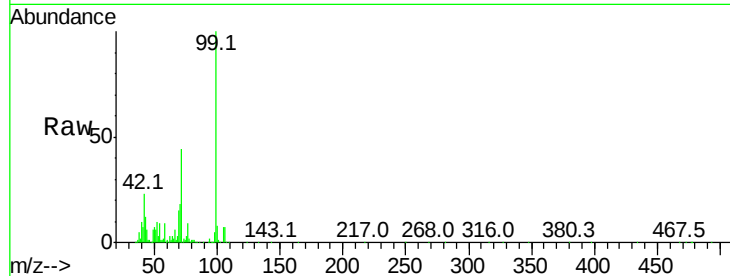
ClientSampleId :

PB96669BSD

Tot Ion:	99	Resp:	555715
Ion Ratio	Lower	Upper	
99	100		
42	22.7	20.5	30.7
71	43.7	37.6	56.4

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#8

2-Chlorophenol

Concen: 46.56 ng

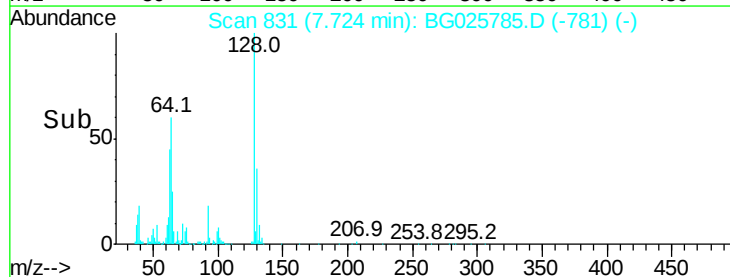
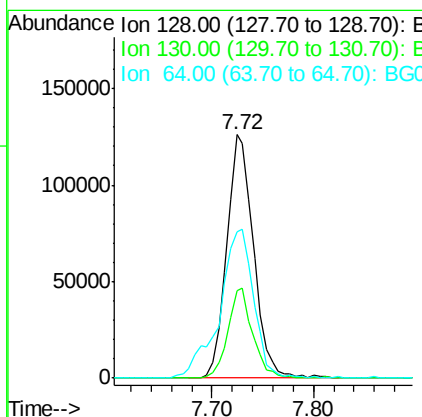
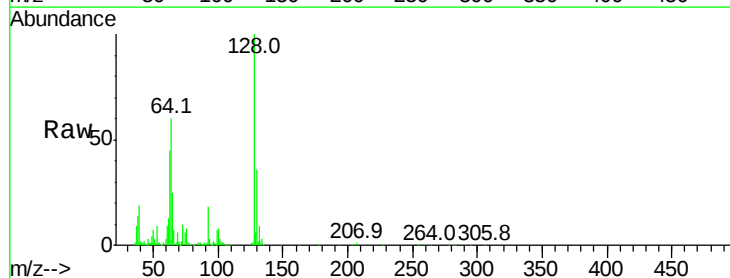
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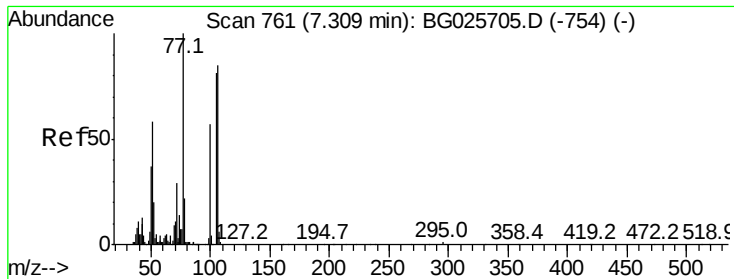
Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	128	Resp:	231016
Ion Ratio	Lower	Upper	
128	100		
130	35.8	11.4	51.4
64	60.1	46.6	86.6





#9

Benzaldehyde

Concen: 26.29 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

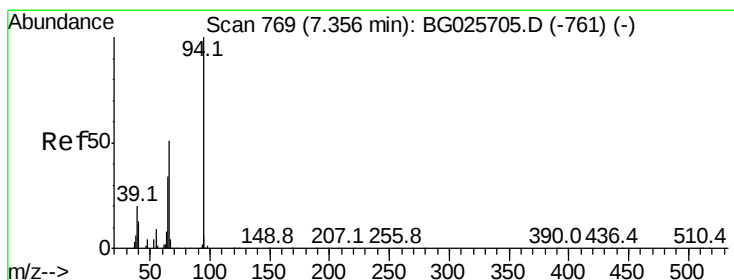
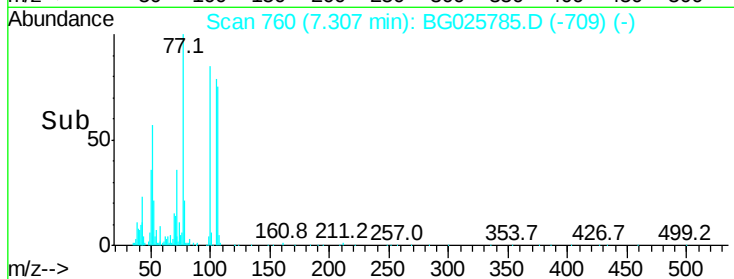
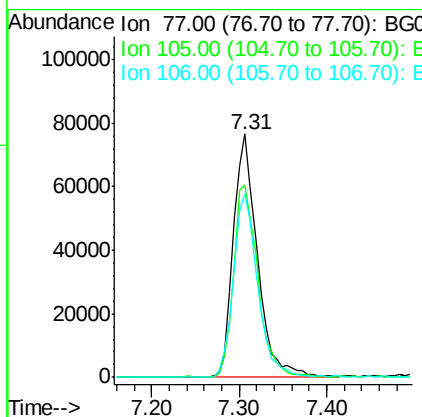
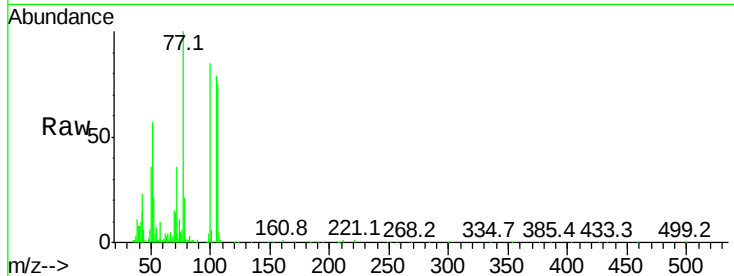
ClientSampleId :

PB96669BSD

Tot Ion:	77	Resp:	142379
Ion	Ratio	Lower	Upper
77	100		
105	79.3	60.9	100.9
106	75.1	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 49.26 ng

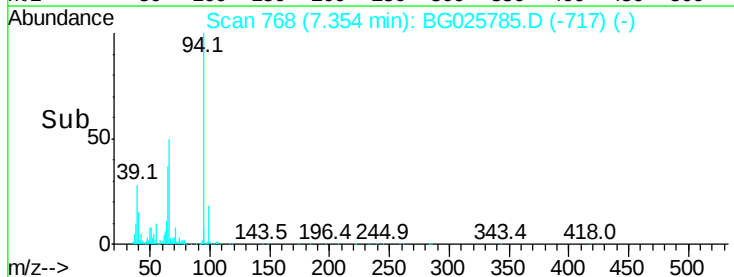
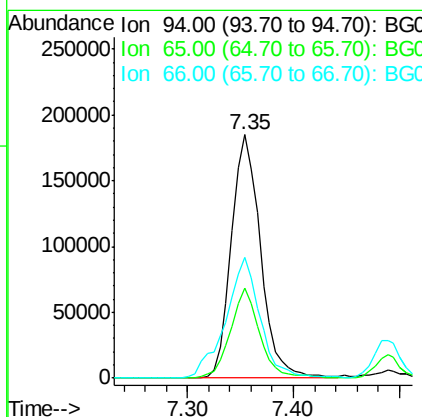
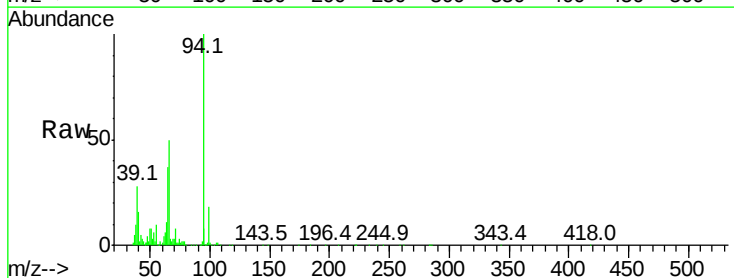
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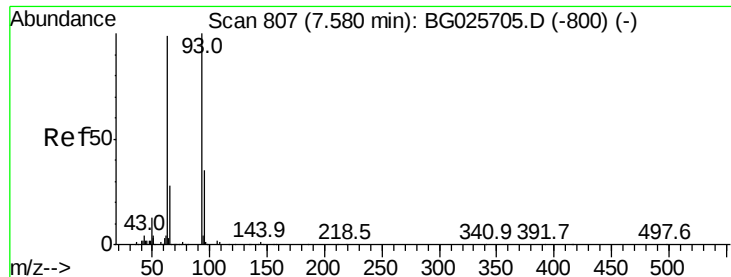
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	94	Resp:	353403
Ion	Ratio	Lower	Upper
94	100		
65	36.9	20.6	60.6
66	49.7	35.5	75.5





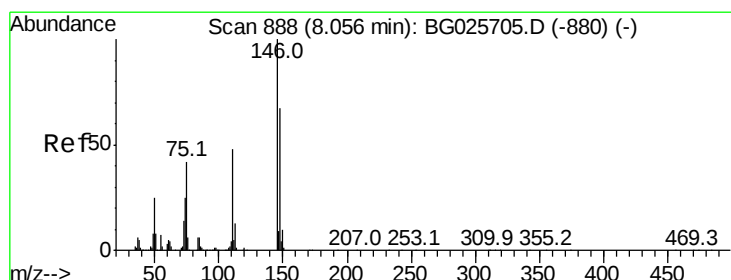
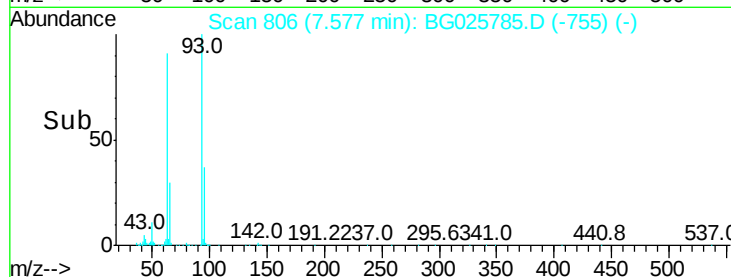
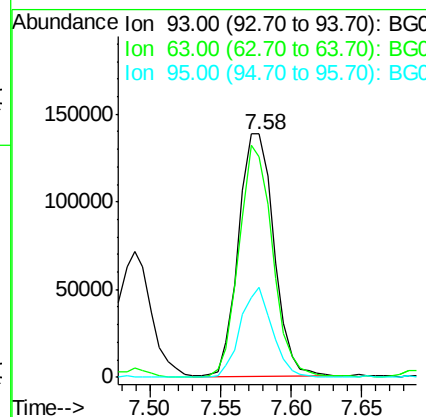
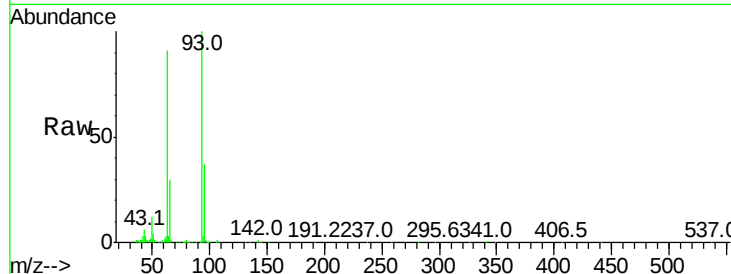
#11
bis(2-Chloroethyl)ether
Concen: 42.83 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	242975		
63	90.8		78.5	118.5
95	36.8		9.8	49.8

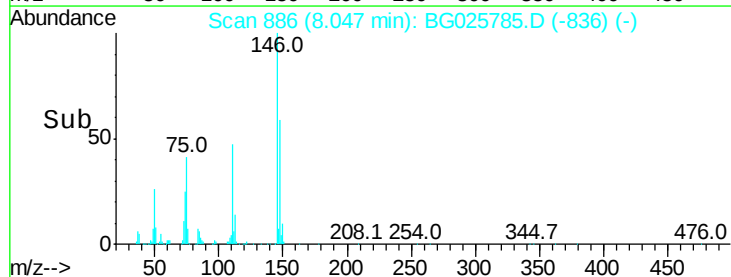
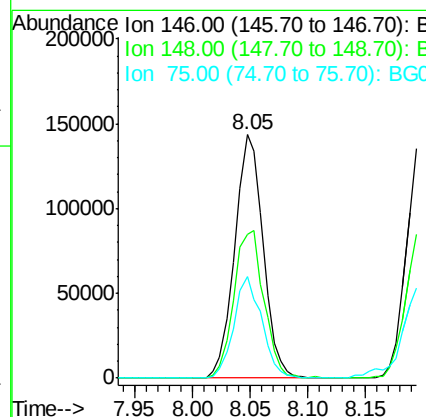
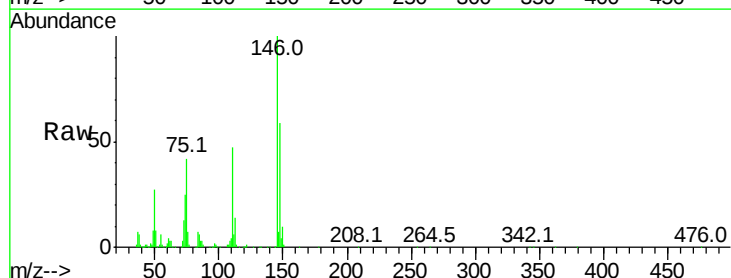
Manual Integrations
APPROVED

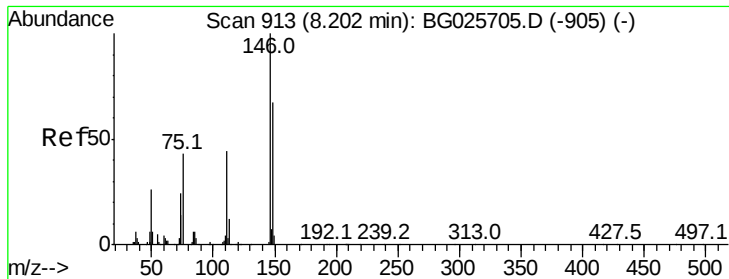
mohammad
2/3/2017 1:58:33 PM



#12
1,3-Dichlorobenzene
Concen: 40.34 ng
RT: 8.05 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244787		
148	59.0		49.2	73.8
75	41.9		33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 40.35 ng

RT: 8.19 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

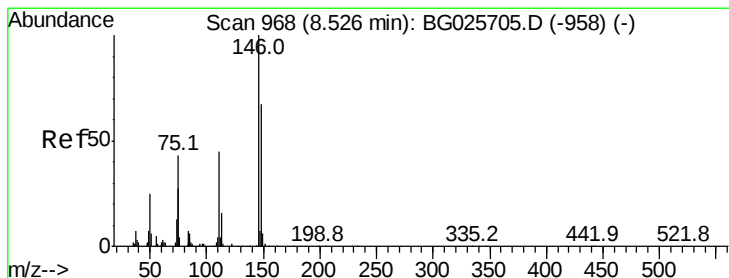
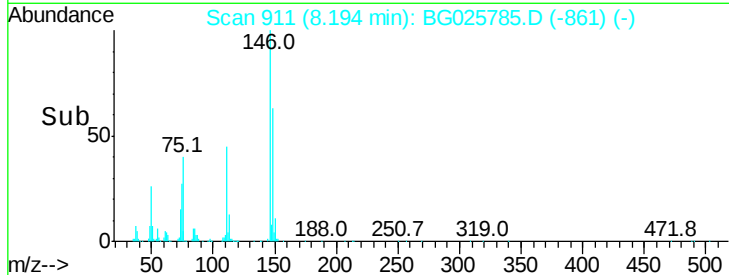
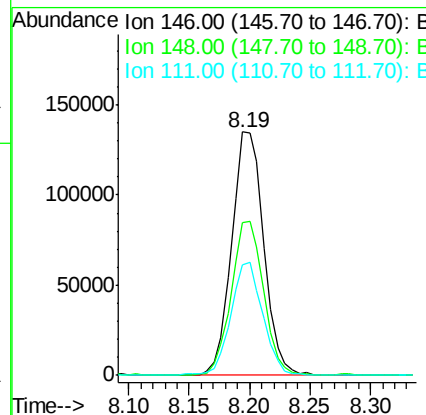
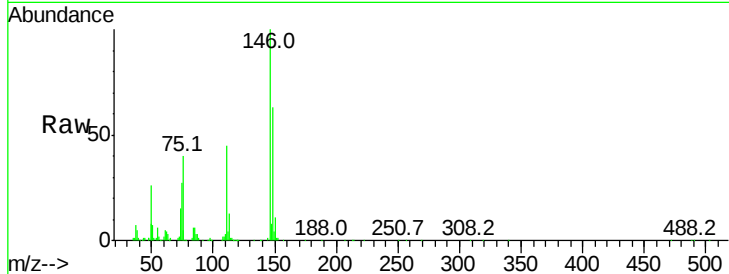
ClientSampleId :

PB96669BSD

Tot Ion:	146	Resp:	248895
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.2	78.2
111	45.2	37.0	55.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.65 ng

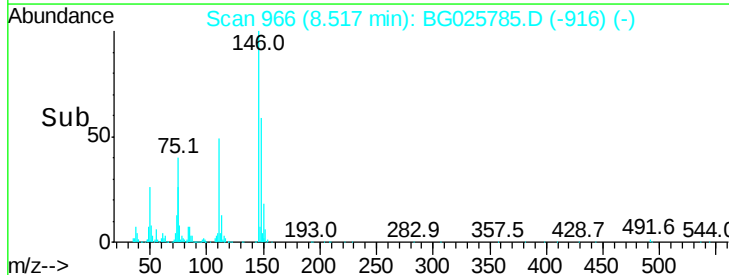
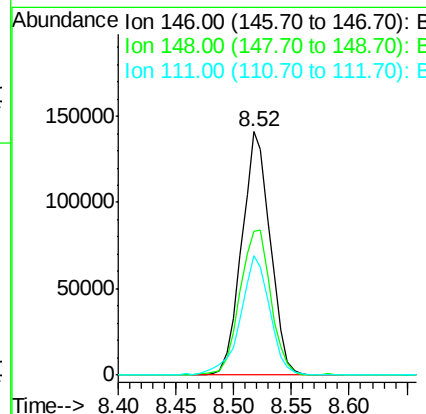
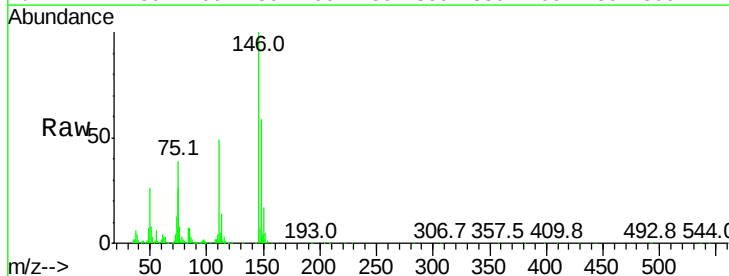
RT: 8.52 min Scan# 966

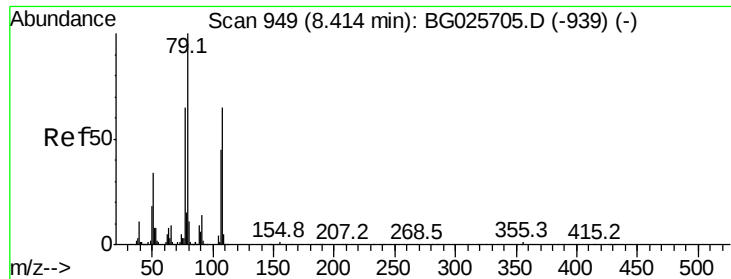
Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	146	Resp:	240290
Ion Ratio	Lower	Upper	
146	100		
148	59.2	54.6	81.8
111	48.9	39.7	59.5





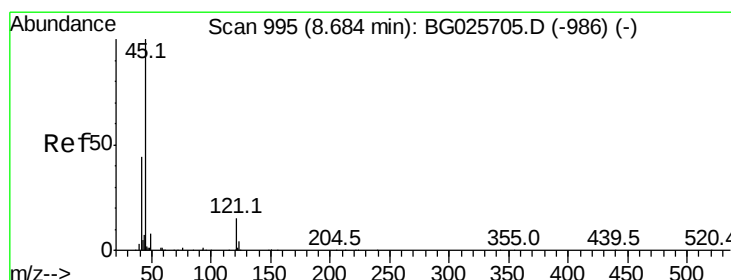
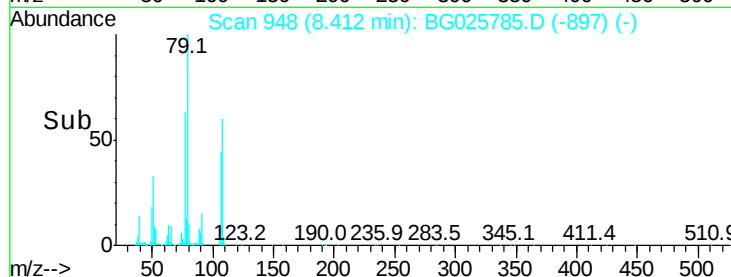
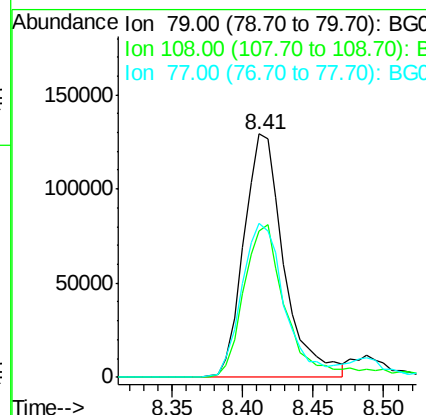
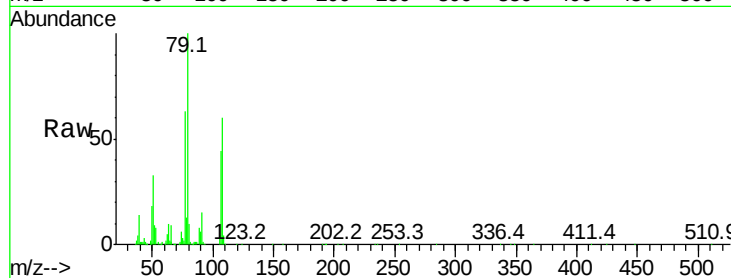
#15
Benzyl Alcohol
Concen: 46.67 ng
RT: 8.41 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.1	45.5	68.3
77	63.5	54.3	81.5

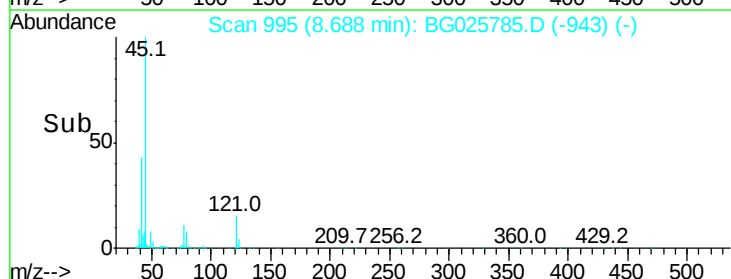
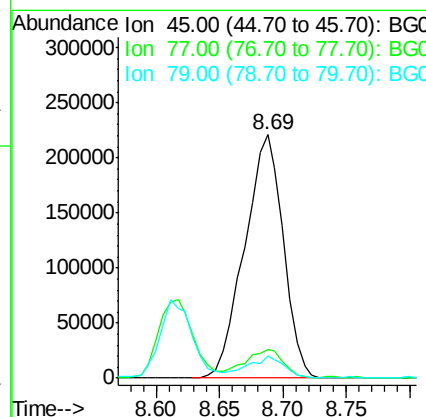
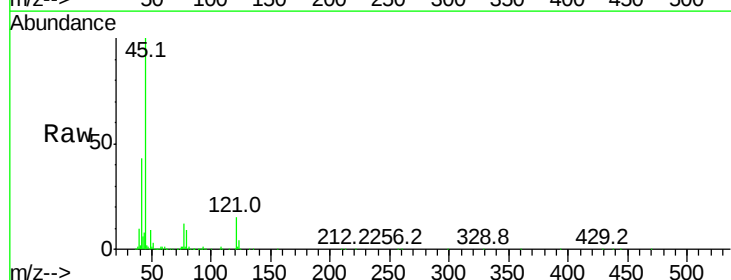
Manual Integrations
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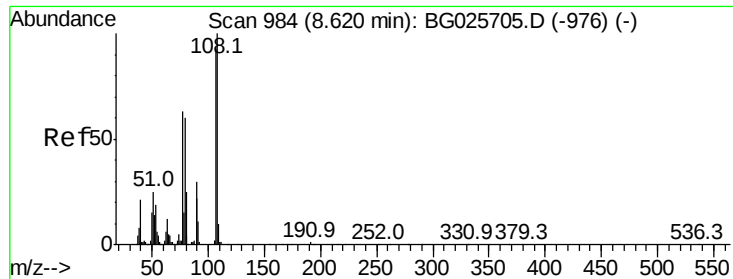
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.82 ng
RT: 8.69 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	30.6
79	9.2	0.0	28.5





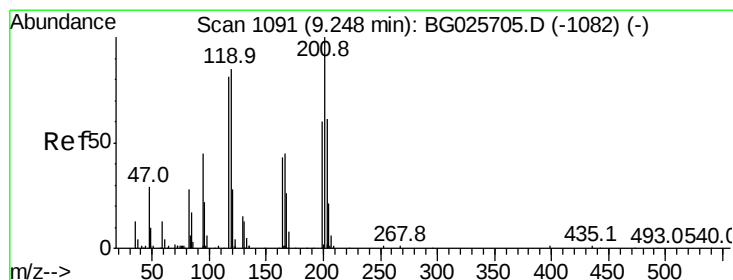
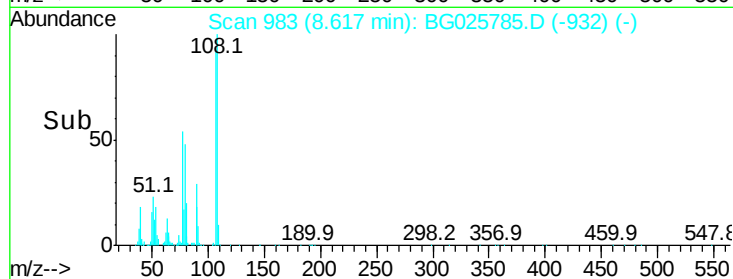
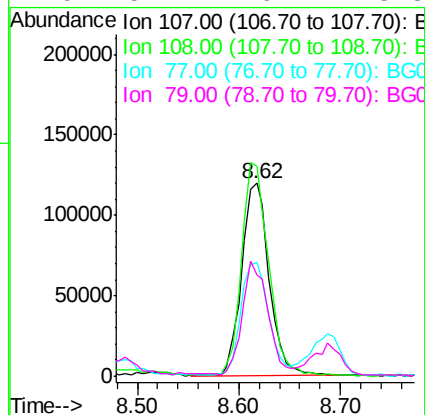
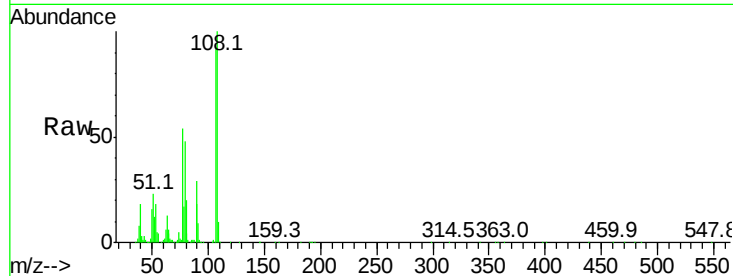
#17
2-Methylphenol
Concen: 45.93 ng
RT: 8.62 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	85.6	128.4	
77	59.3	51.4	77.2	
79	52.4	49.2	73.8	

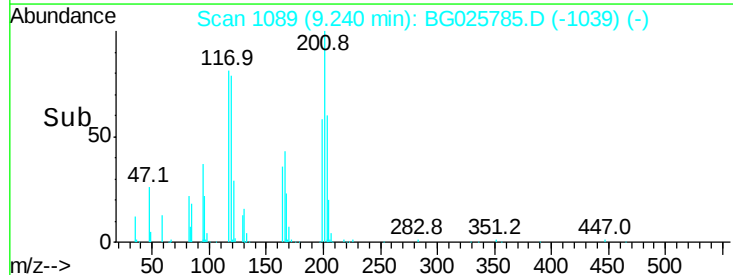
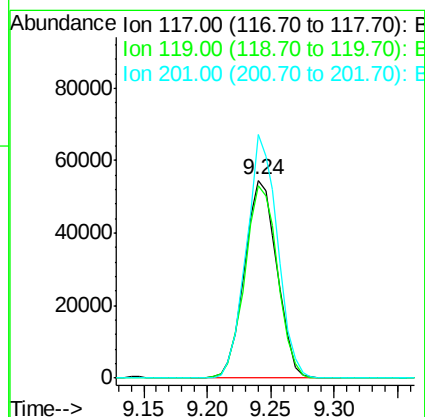
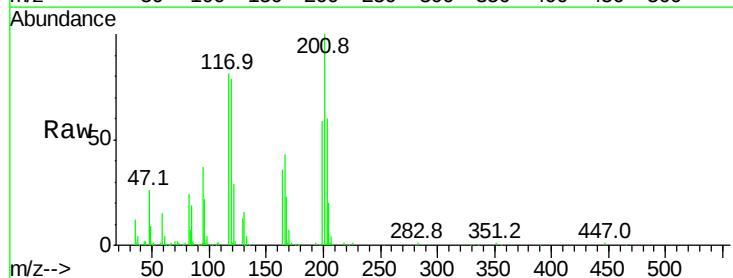
Manual Integrations
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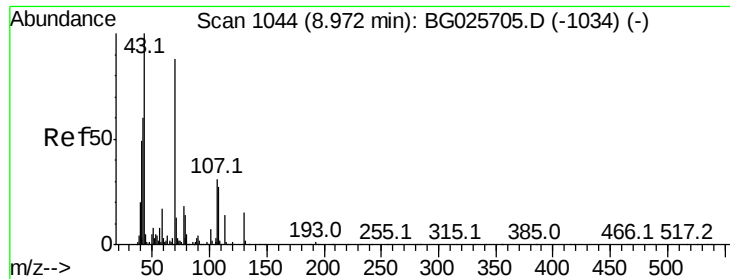
mohammad
2/3/2017 1:58:33 PM



#18
Hexachloroethane
Concen: 38.75 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	69.8	104.6	
201	122.9	95.4	143.0	





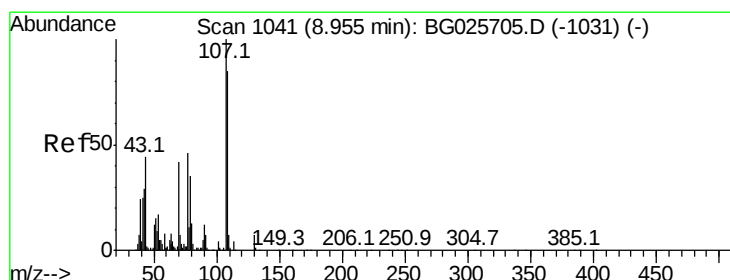
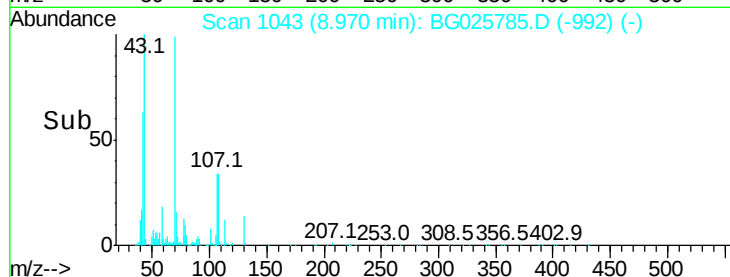
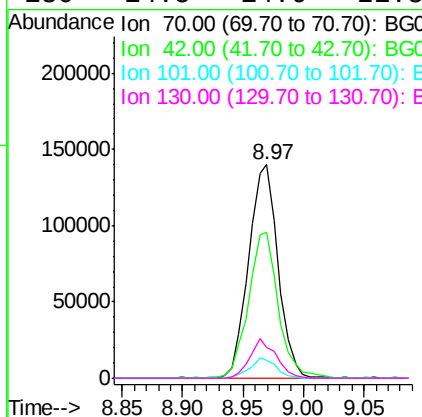
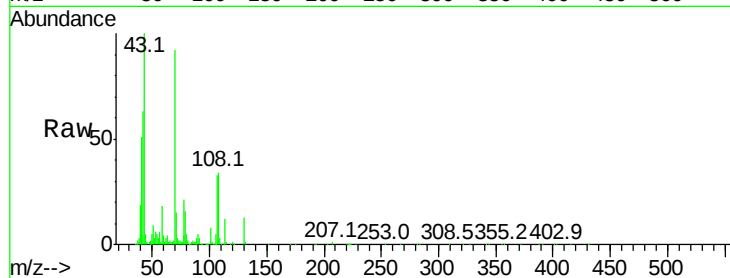
#19
n-Nitroso-di-n-propylamine
Concen: 42.35 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.3	56.1	84.1	
101	8.4	7.5	11.3	
130	14.5	14.6	21.8	#

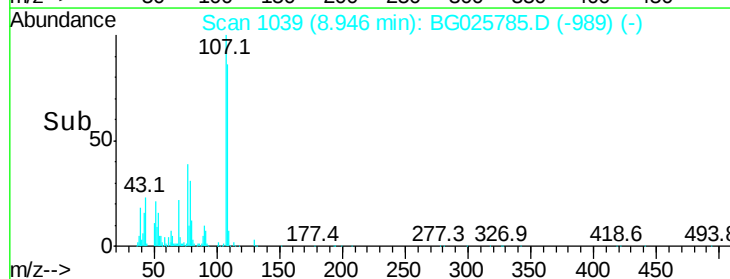
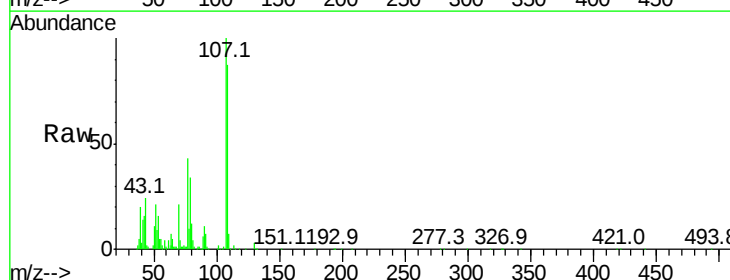
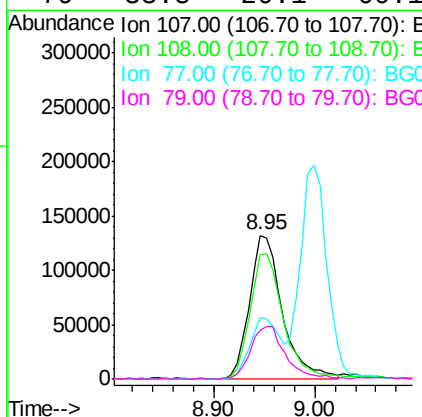
Manual Integrations
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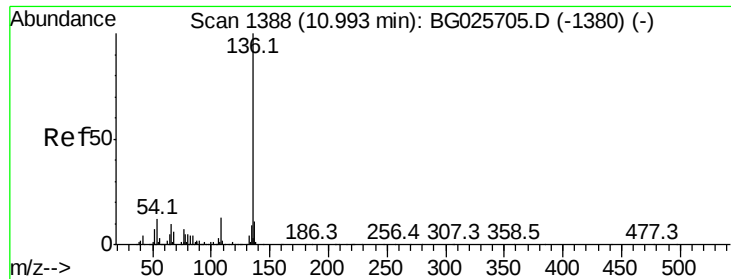
mohammad
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#20
3+4-Methylphenols
Concen: 44.52 ng
RT: 8.95 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	70.8	110.8	
77	42.7	25.8	65.8	
79	33.8	20.1	60.1	





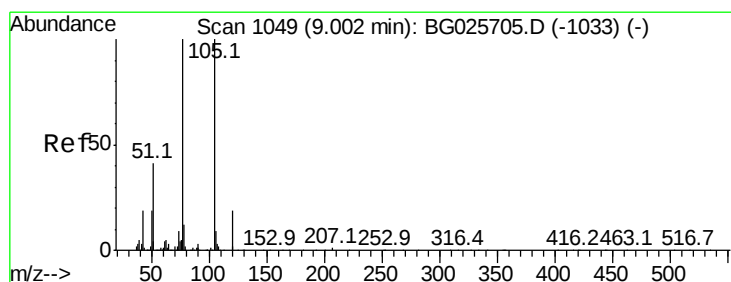
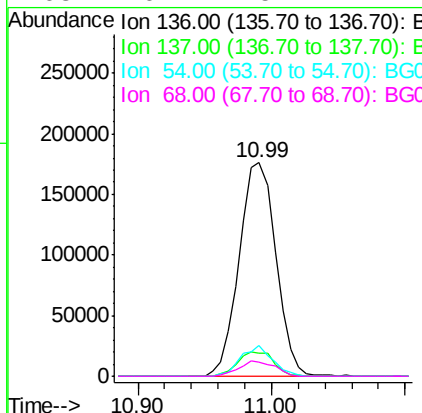
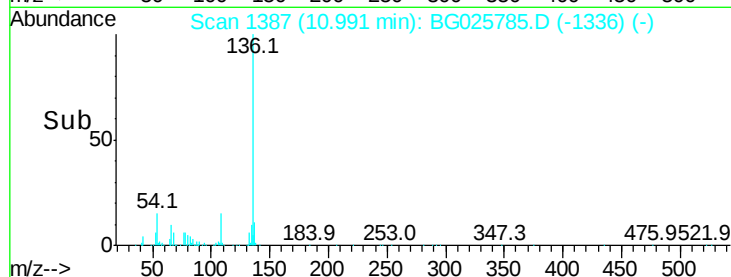
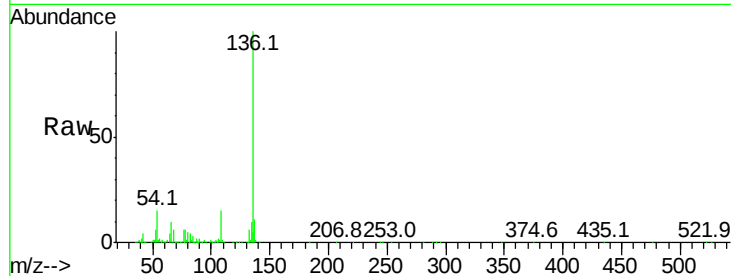
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	14.7	9.3	13.9	
68	6.4	5.1	7.7	

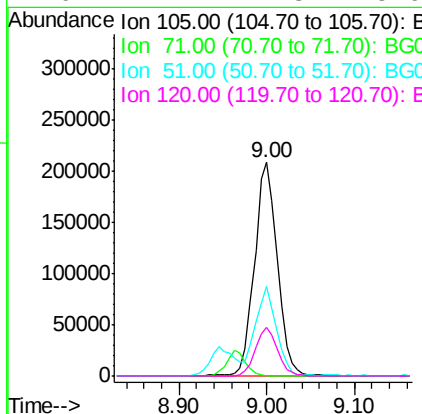
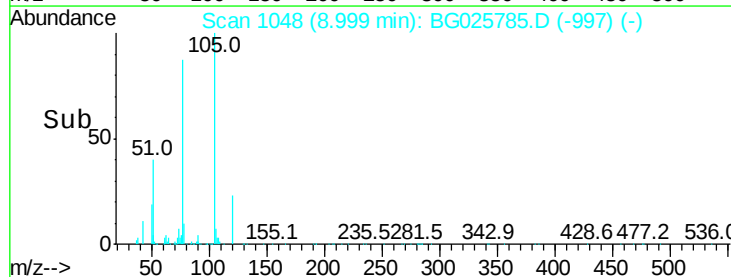
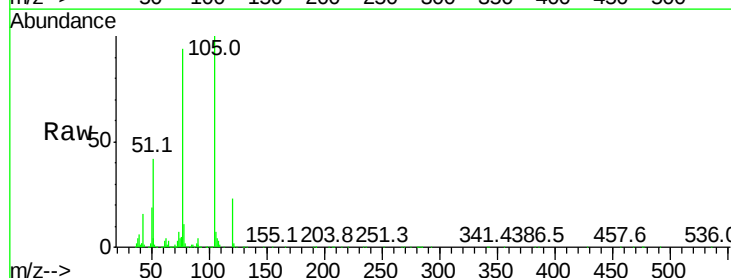
Manual Integrations
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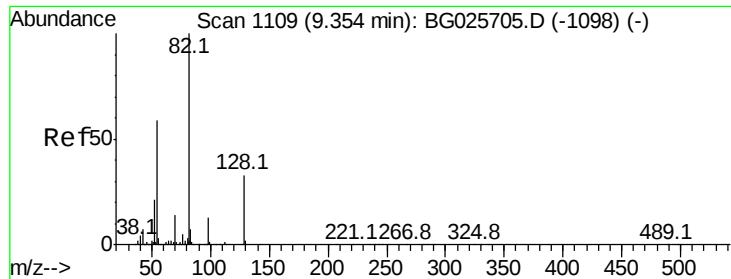
mohammad
2/3/2017 1:58:33 PM



#22
Acetophenone
Concen: 40.34 ng
RT: 9.00 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.9	1.3	
51	41.9	34.0	51.0	
120	22.7	17.3	25.9	





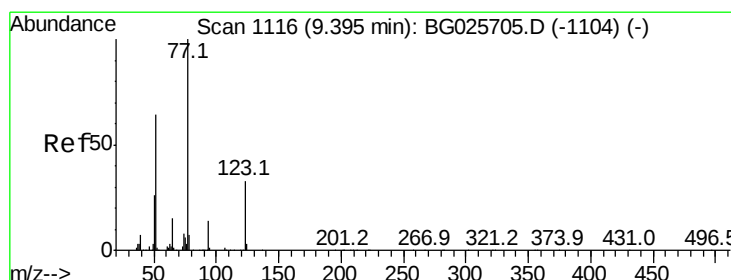
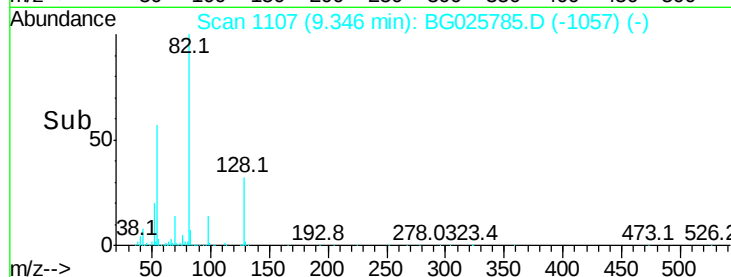
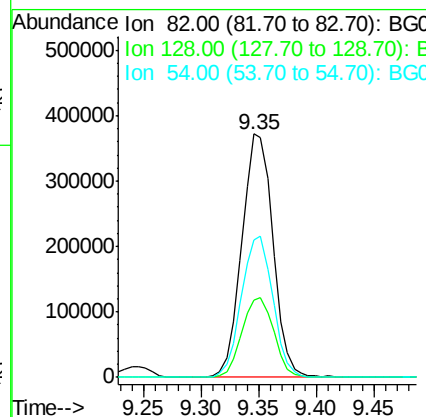
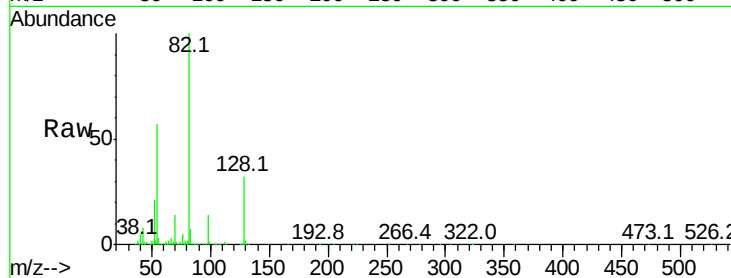
#23
 Nitrobenzene-d5
 Concen: 87.69 ng
 RT: 9.35 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	31.9	26.4	39.6
54	56.6	49.4	74.2

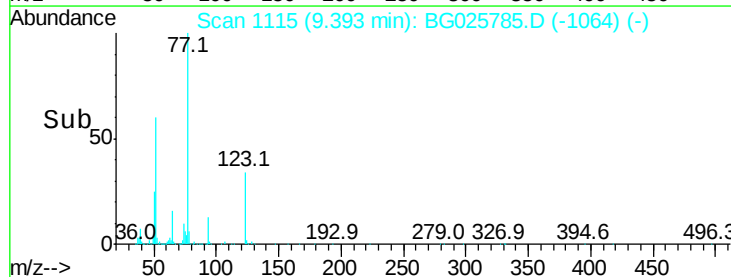
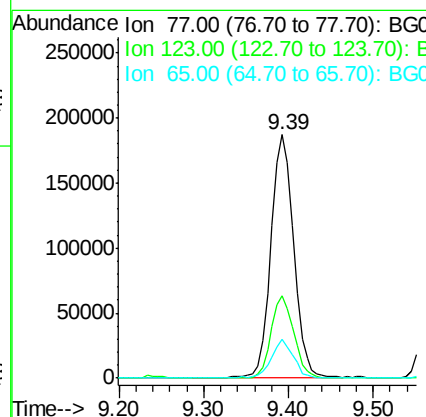
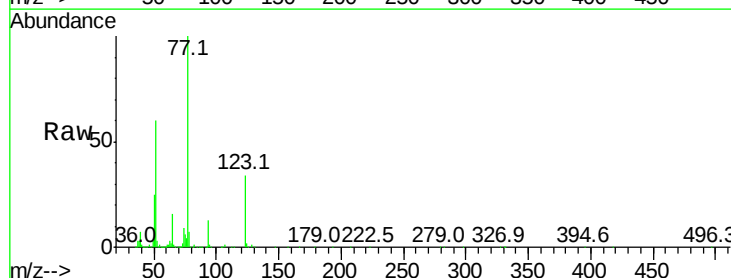
Manual Integrations
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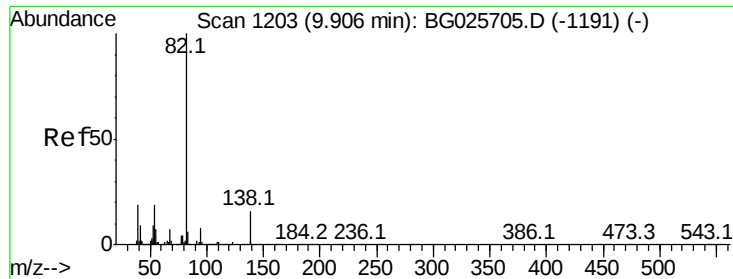
mohammad
 2/3/2017 1:58:33 PM



#24
 Nitrobenzene
 Concen: 40.39 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	33.8	26.1	39.1
65	15.9	12.4	18.6





#25

Isophorone

Concen: 40.43 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

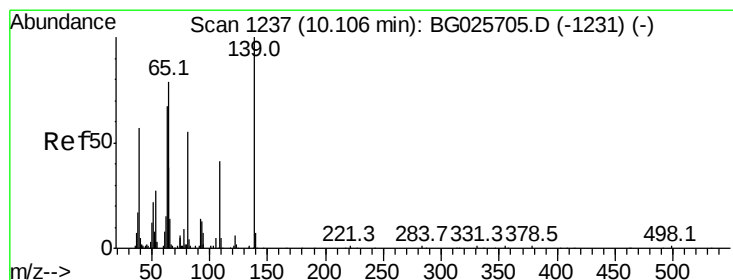
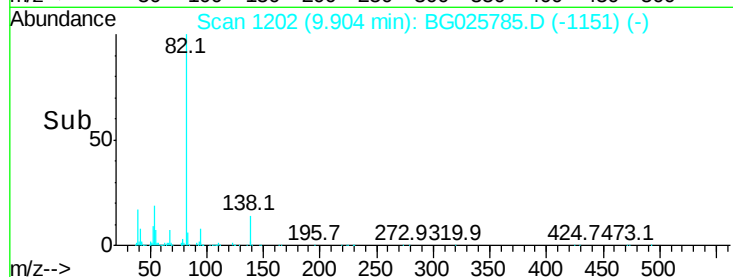
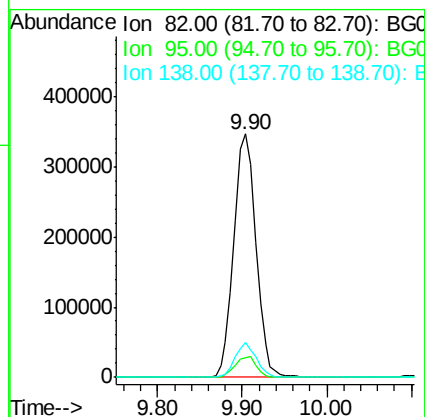
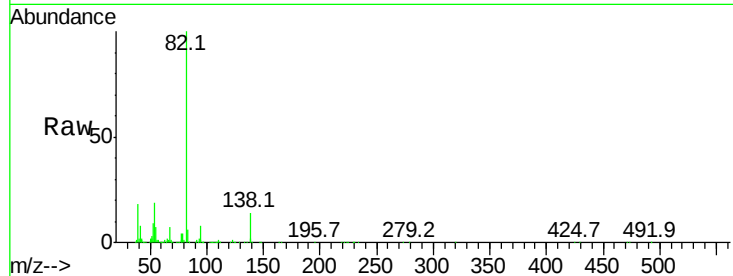
ClientSampleId :

PB96669BSD

Tot Ion:	82	Resp:	626162
Ion Ratio	Lower	Upper	
82	100		
95	8.3	7.5	11.3
138	14.4	12.3	18.5

Manual Integrations
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2/3/2017 1:58:33 PM



#26

2-Nitrophenol

Concen: 45.19 ng

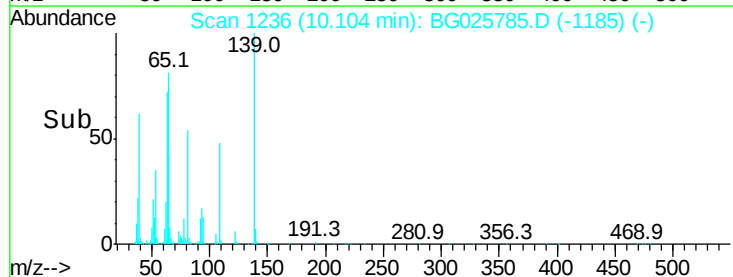
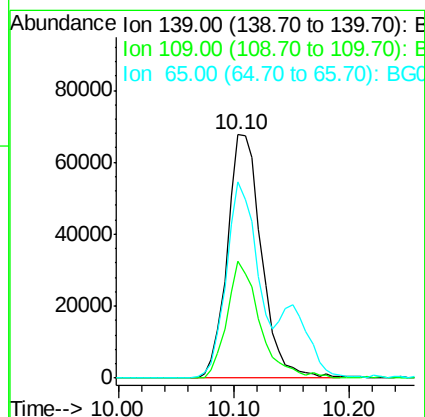
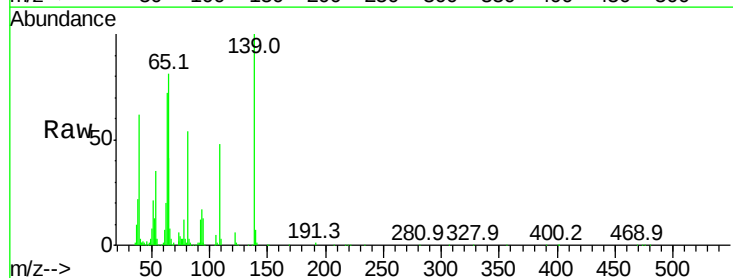
RT: 10.10 min Scan# 1236

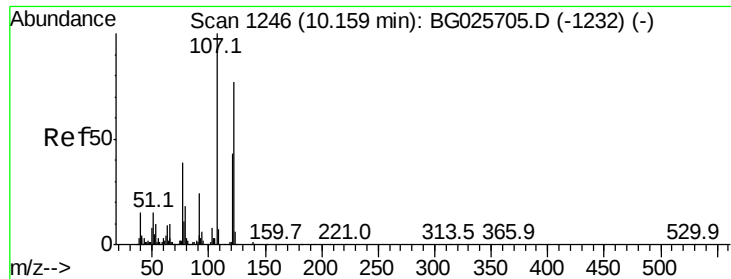
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	139	Resp:	138954
Ion Ratio	Lower	Upper	
139	100		
109	47.9	38.6	58.0
65	80.8	57.1	85.7





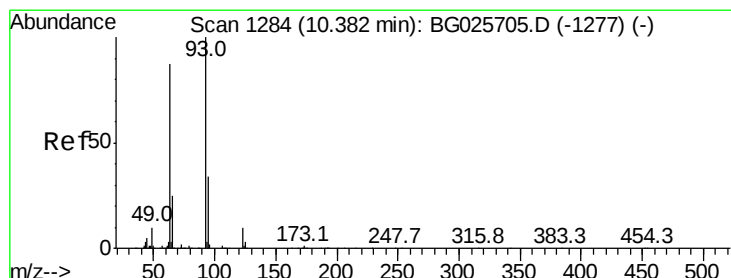
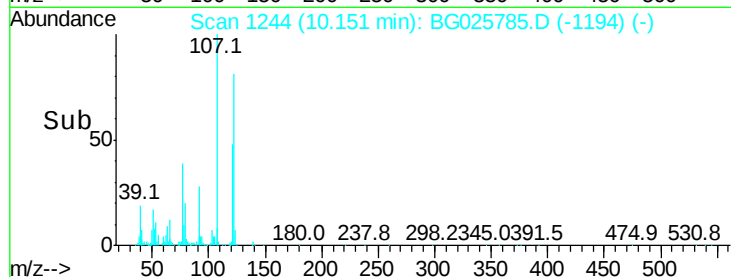
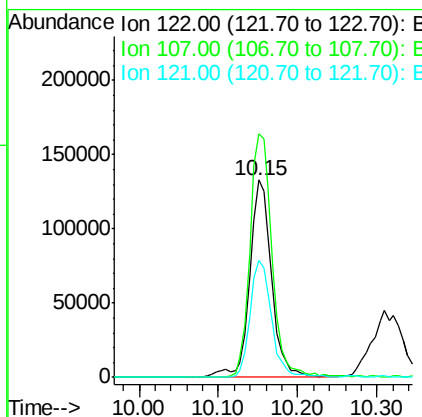
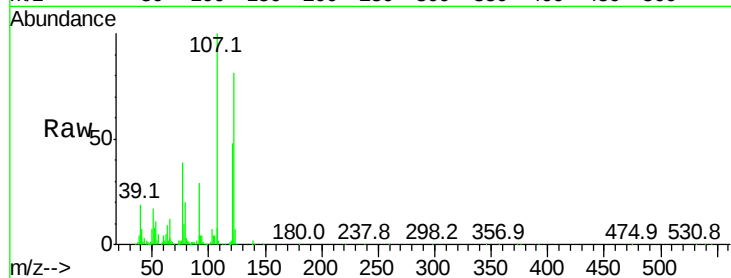
#27
2,4-Dimethylphenol
Concen: 47.94 ng
RT: 10.15 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.4	104.2	156.4
121	59.0	46.0	69.0

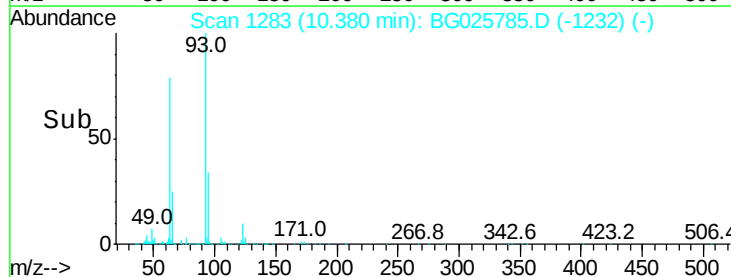
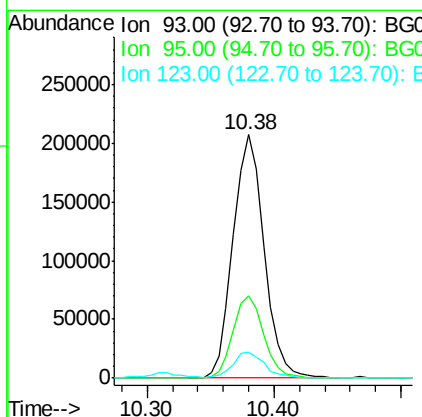
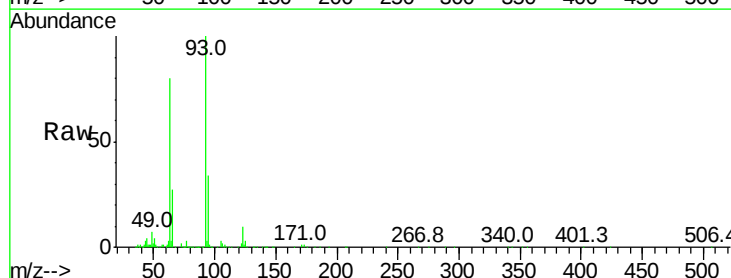
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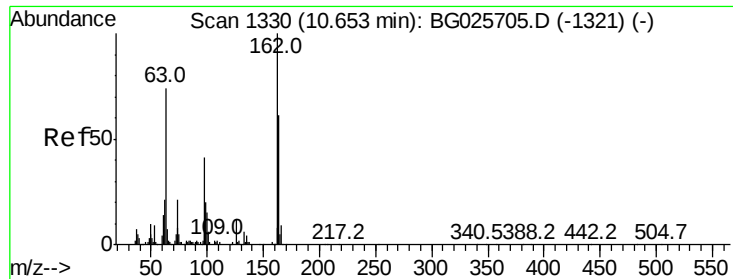
mohammad
2/3/2017 1:58:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.94 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.7	38.5
123	10.4	8.3	12.5





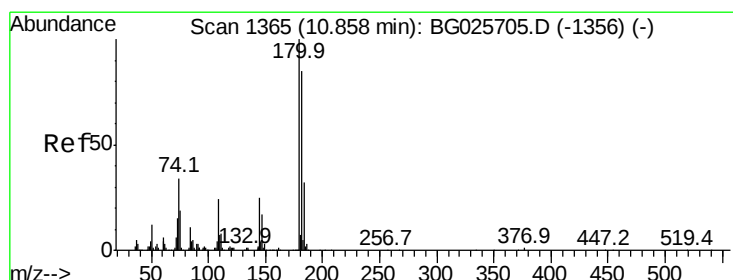
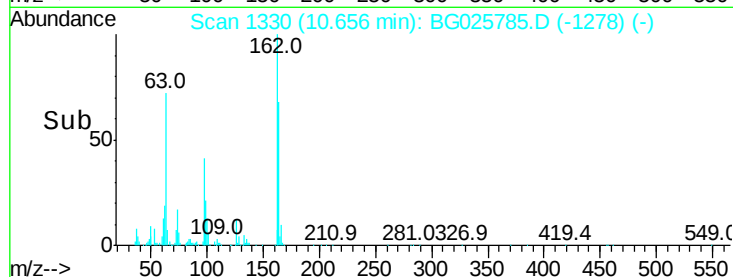
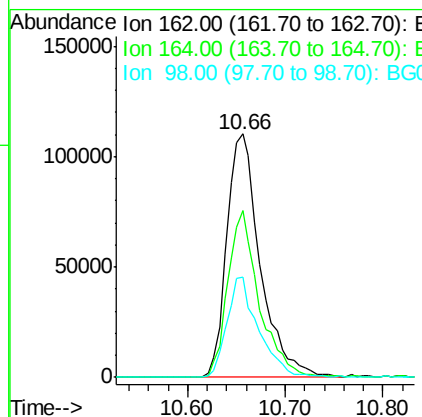
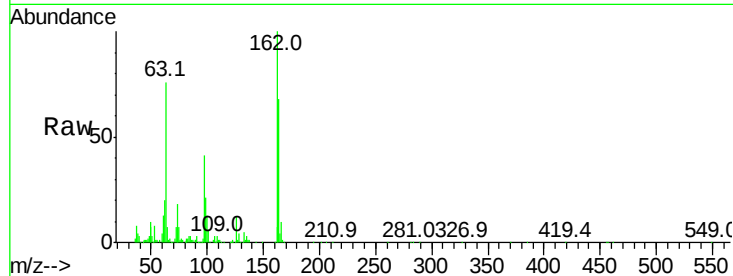
#29
2,4-Dichlorophenol
Concen: 47.65 ng
RT: 10.66 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.4	42.4	82.4
98	41.0	20.3	60.3

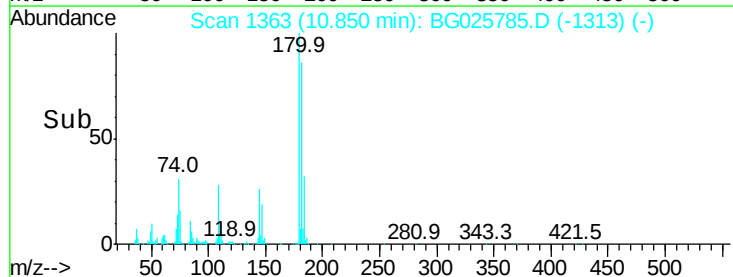
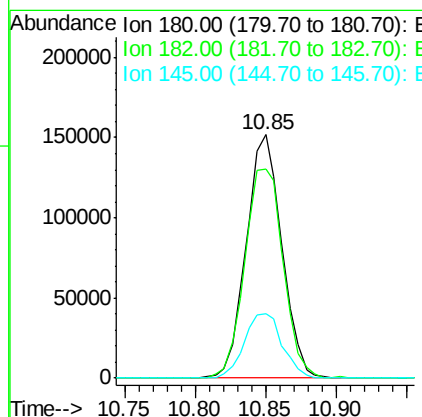
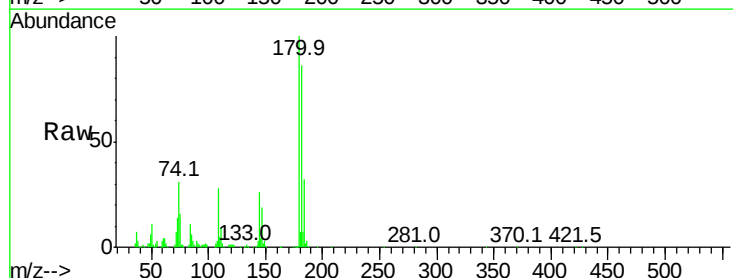
Manual Integrations
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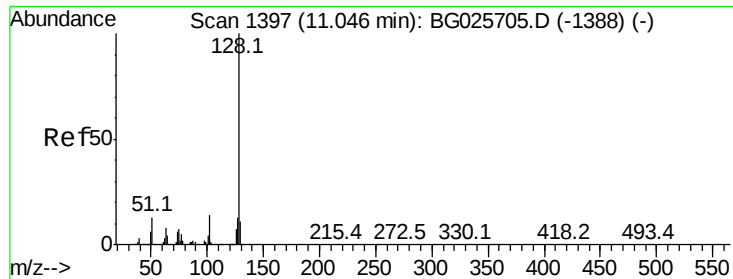
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.02 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	85.9	77.0	115.4
145	26.2	23.4	35.0





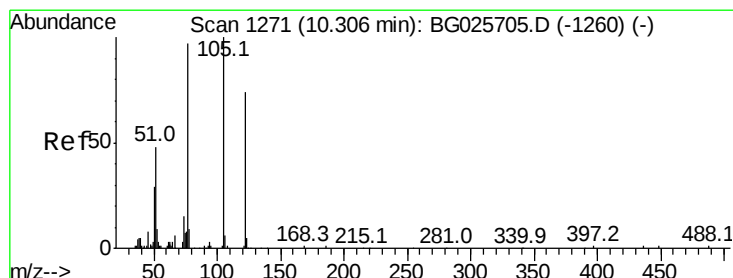
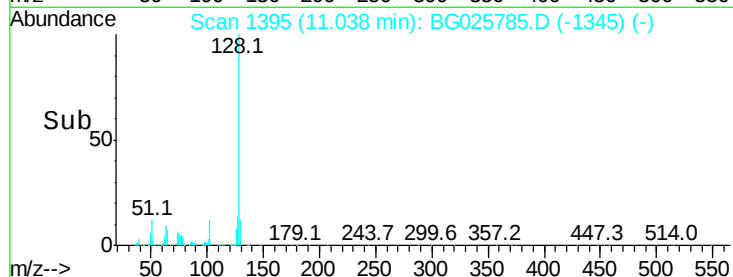
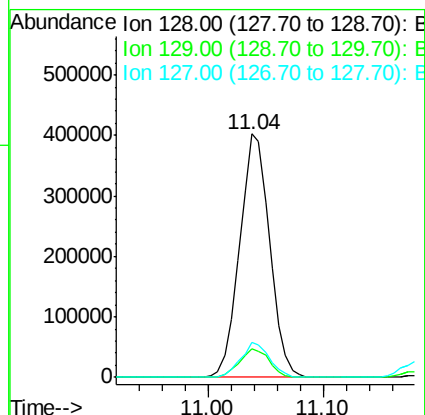
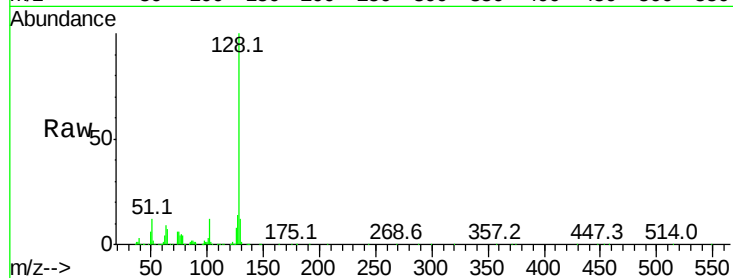
#31
Naphthalene
Concen: 41.56 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.3	11.4	17.0

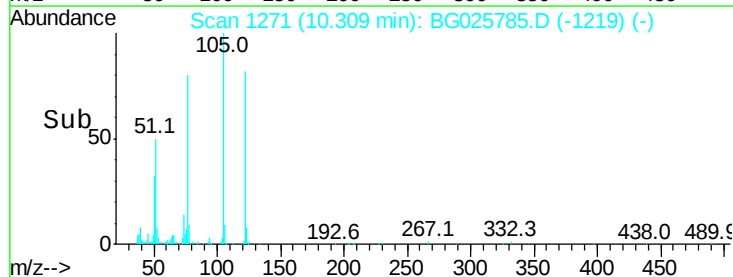
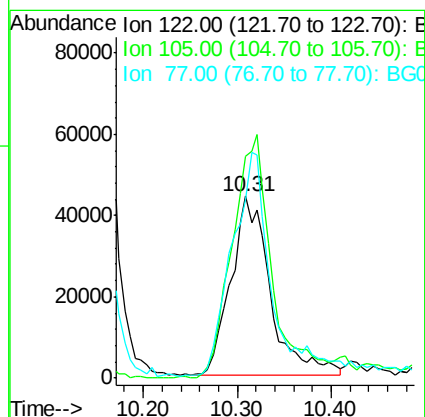
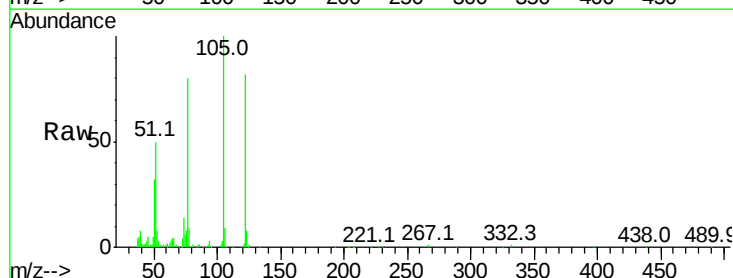
Manual Integrations
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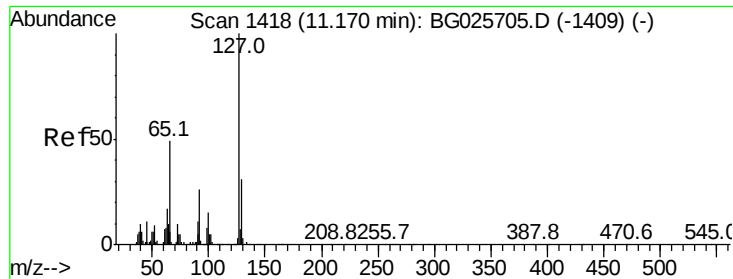
mohammad
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#32
Benzoic acid
Concen: 39.04 ng
RT: 10.31 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	121.8	120.1	160.1
77	97.9	104.6	144.6#





#33

4-Chloroaniline

Concen: 7.20 ng

RT: 11.18 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BG025785.D

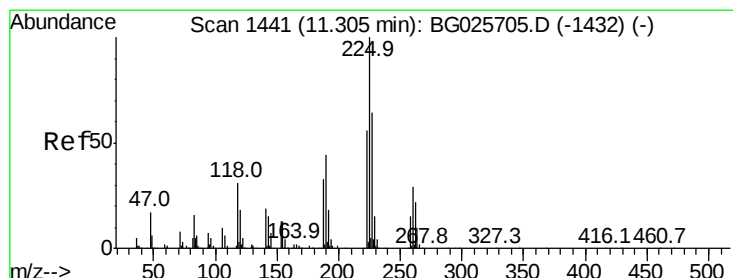
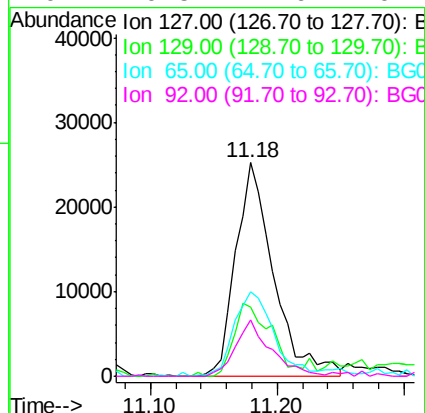
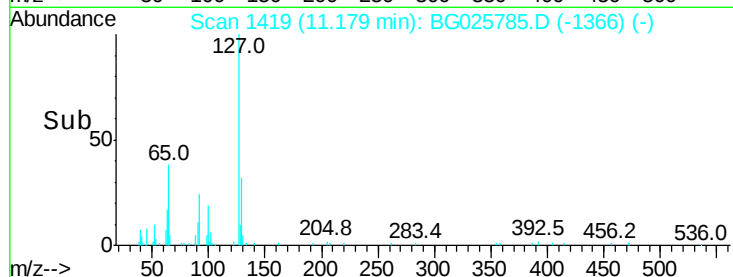
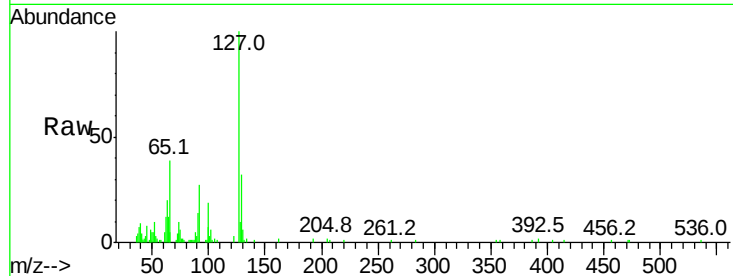
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	23.6	35.4
65	39.5	37.7	56.5
92	26.5	17.6	26.4

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#34

Hexachlorobutadiene

Concen: 37.30 ng

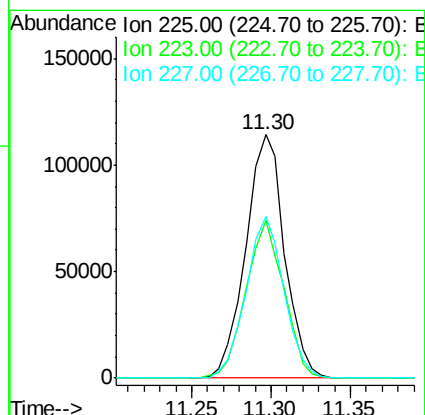
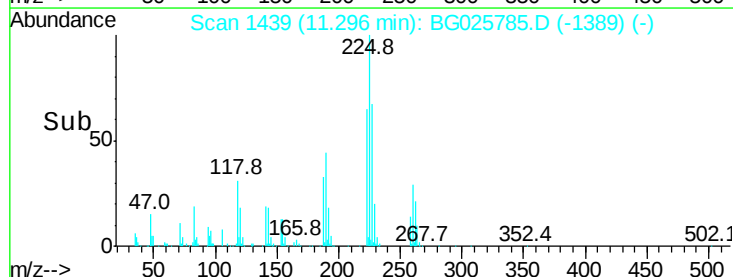
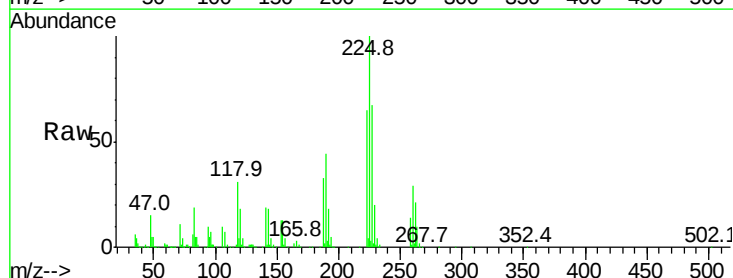
RT: 11.30 min Scan# 1439

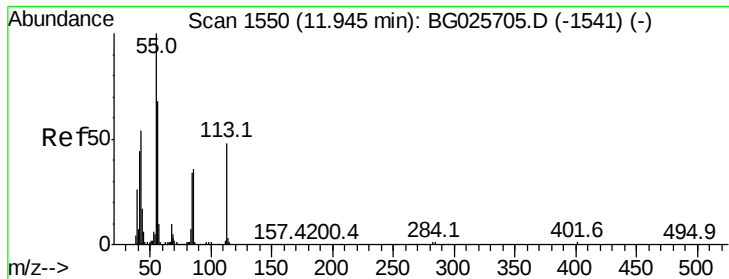
Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.7	76.1
227	66.6	49.0	73.6





#35

Caprolactam

Concen: 43.15 ng/ml

RT: 11.94 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

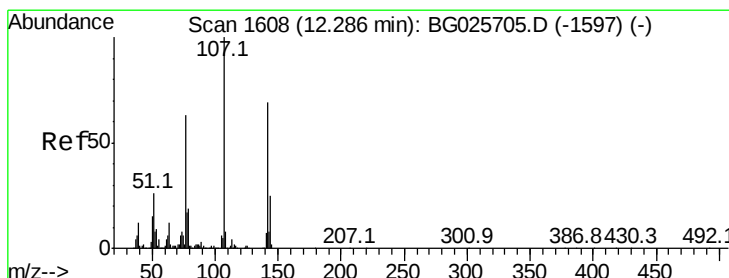
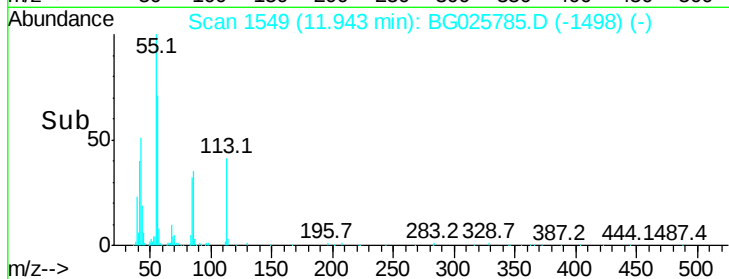
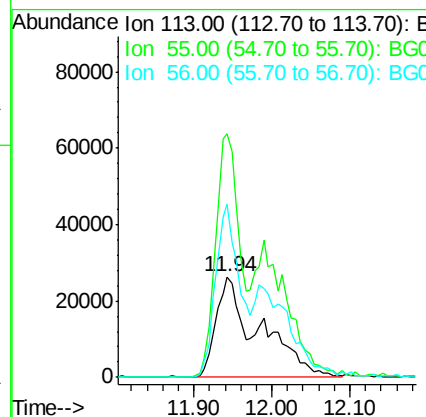
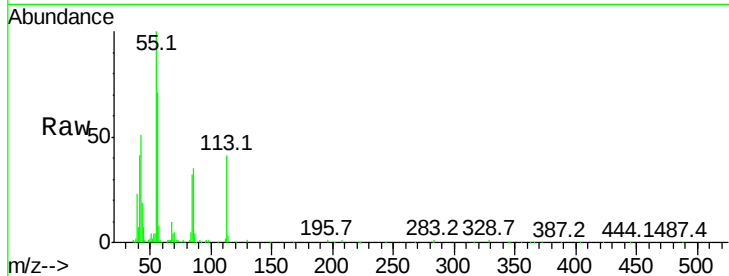
ClientSampleId :

PB96669BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	241.5	198.6	238.6#
56	172.3	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 47.59 ng/ml

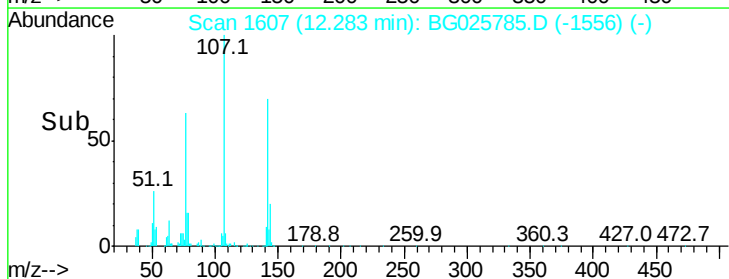
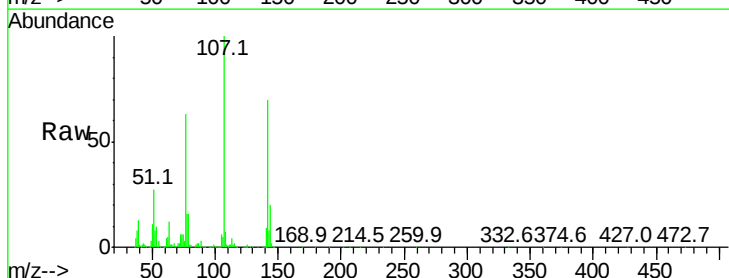
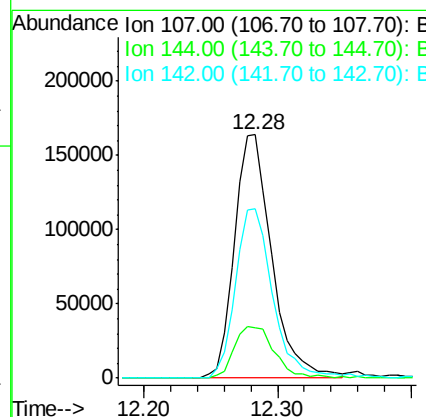
RT: 12.28 min Scan# 1607

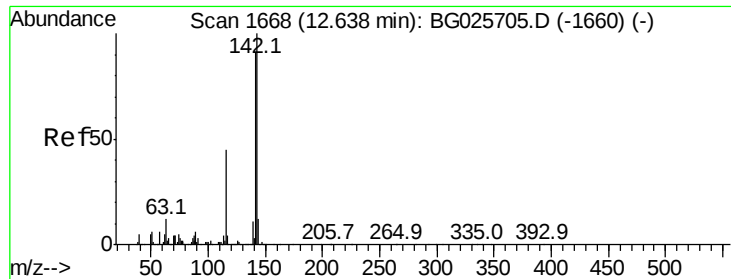
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.4	17.4	26.0
142	69.8	54.1	81.1





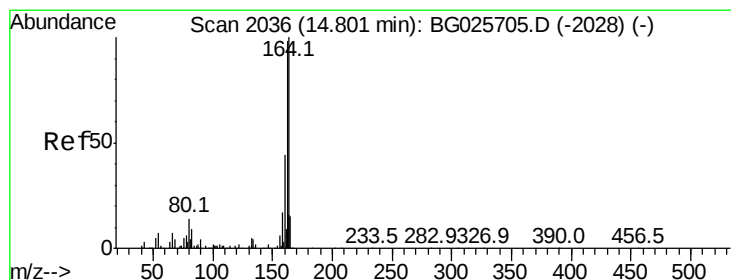
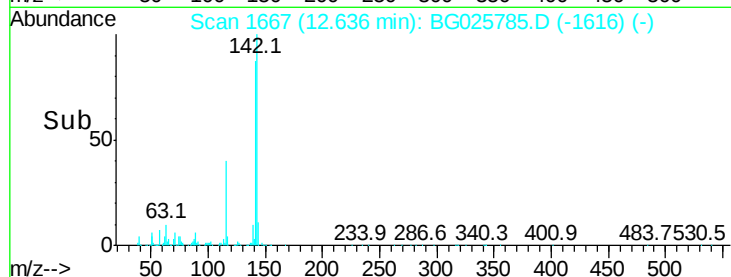
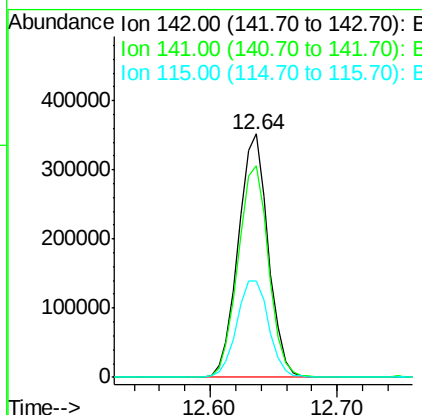
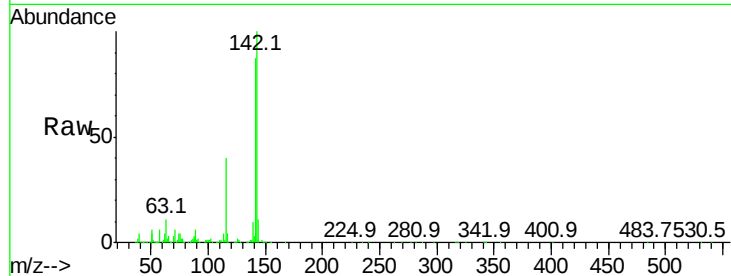
#37
2-Methylnaphthalene
Concen: 42.66 ng
RT: 12.64 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	574216		
141	86.8		70.4	105.6
115	39.7		35.5	53.3

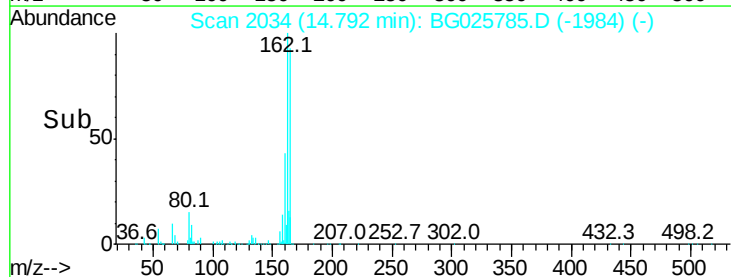
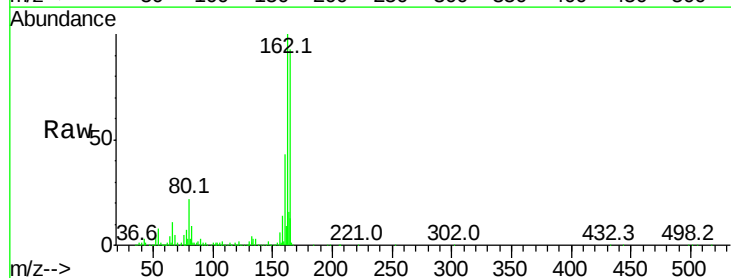
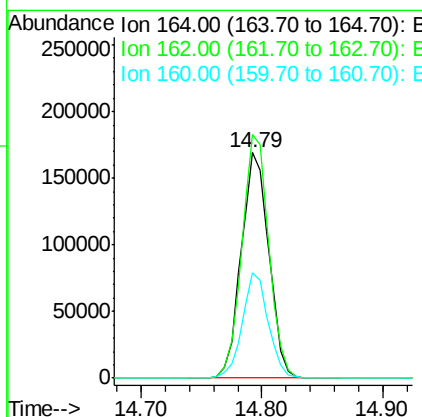
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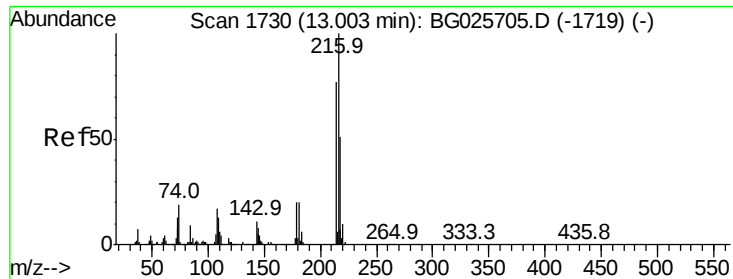
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	270192		
162	107.9		85.1	127.7
160	46.8		34.7	52.1





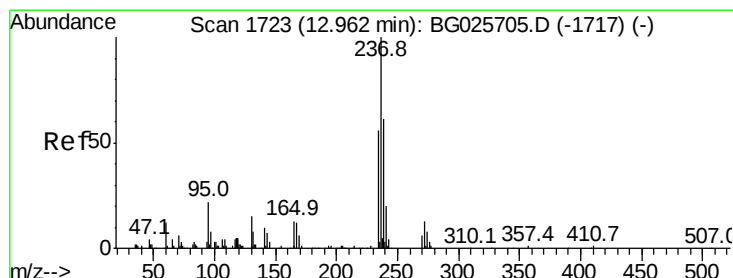
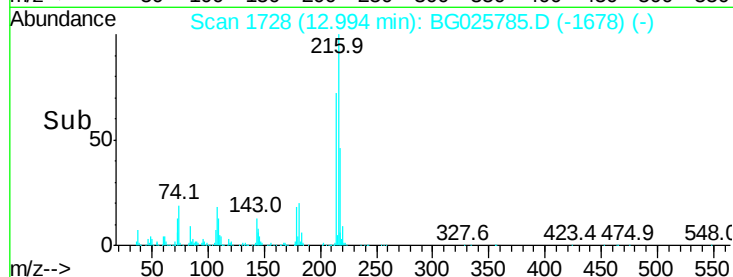
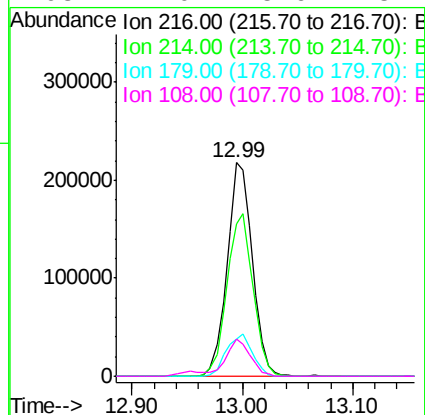
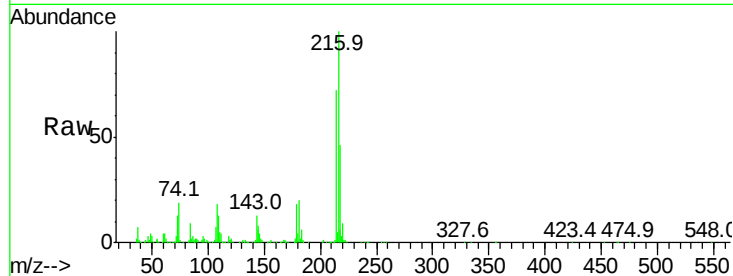
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.43 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	64.4	96.6
179	20.4	17.4	26.0
108	17.0	15.6	23.4

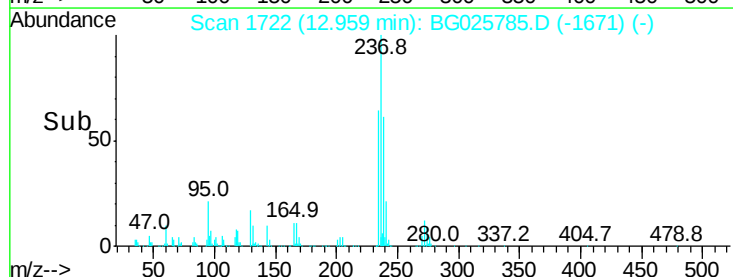
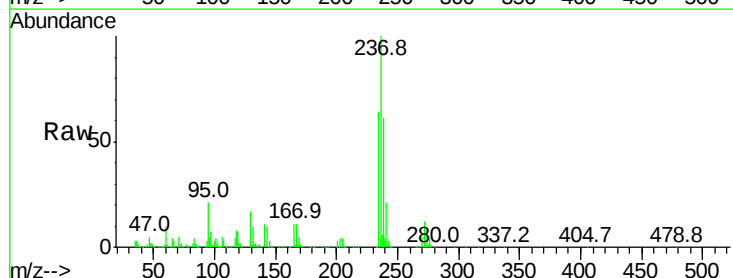
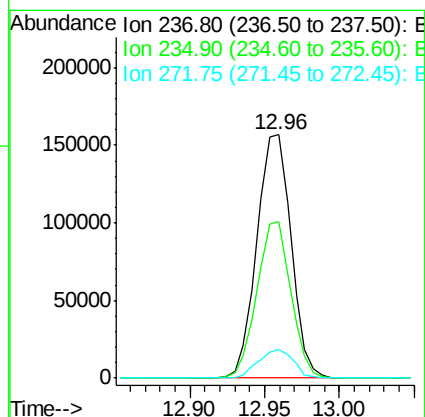
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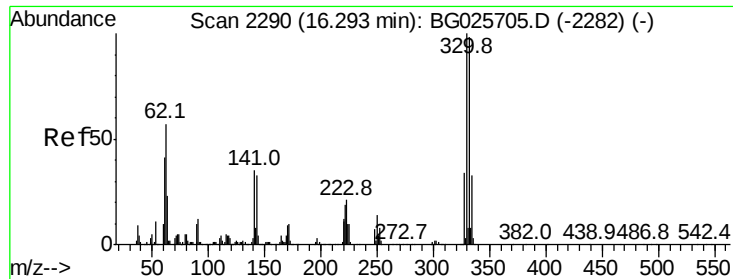
mohammad
 2/3/2017 1:58:33 PM



#40
 Hexachlorocyclopentadiene
 Concen: 72.27 ng
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	39.4	79.4
272	11.8	0.0	32.0





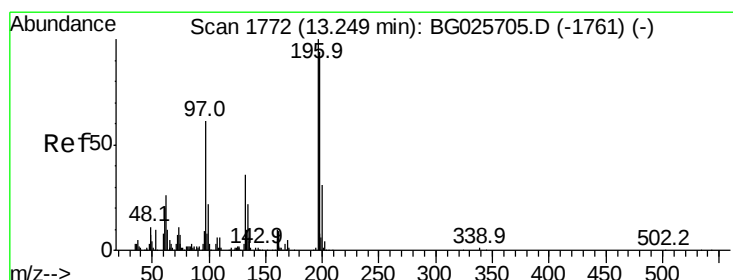
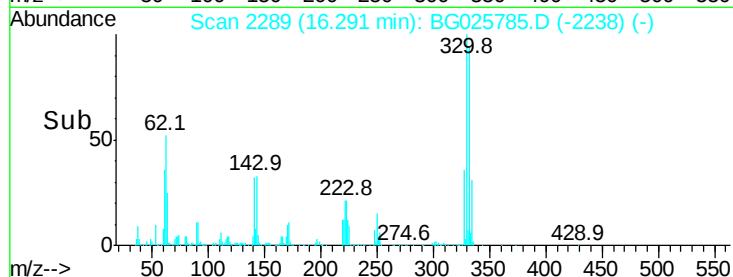
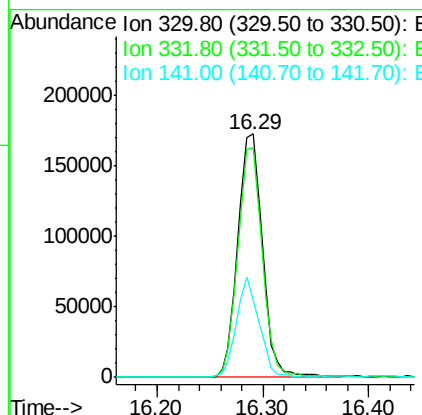
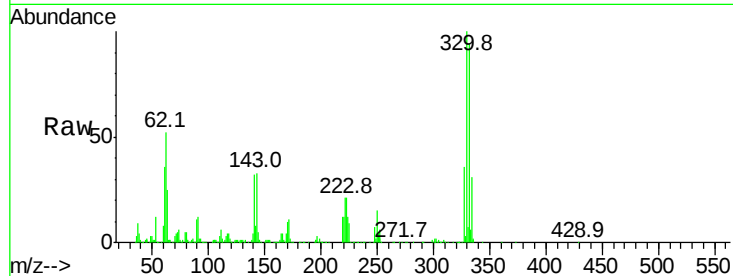
#41
2,4,6-Tribromophenol
Concen: 72.43 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279074		
332	93.4	77.3	115.9	
141	37.4	32.1	48.1	

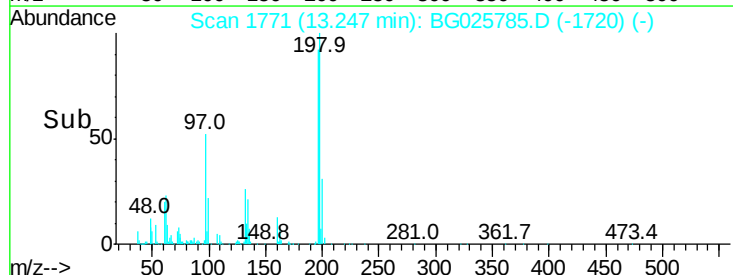
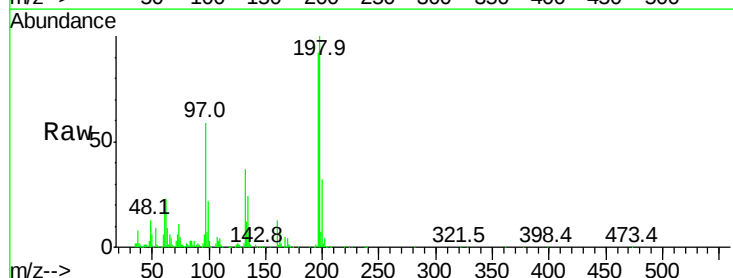
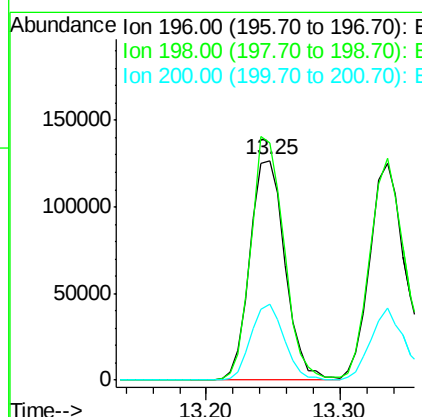
Manual Integrations
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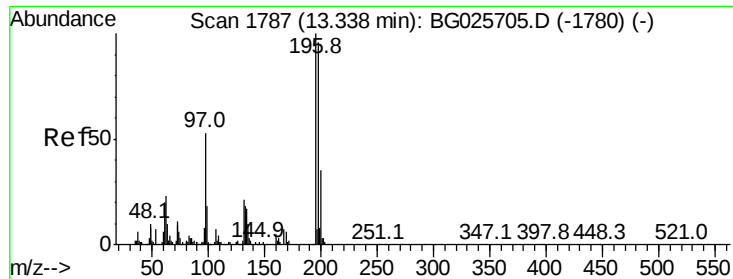
mohammad
2/3/2017 1:58:33 PM



#42
2,4,6-Trichlorophenol
Concen: 43.55 ng
RT: 13.25 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230684		
198	108.1	81.4	122.2	
200	34.4	27.0	40.6	





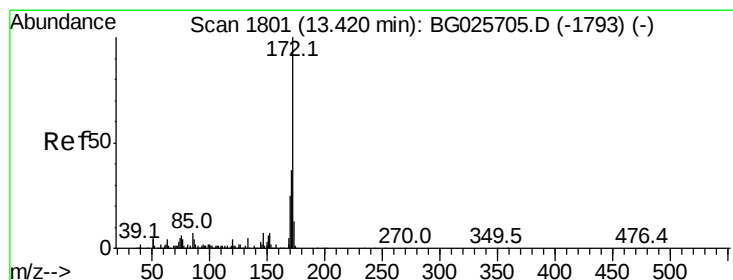
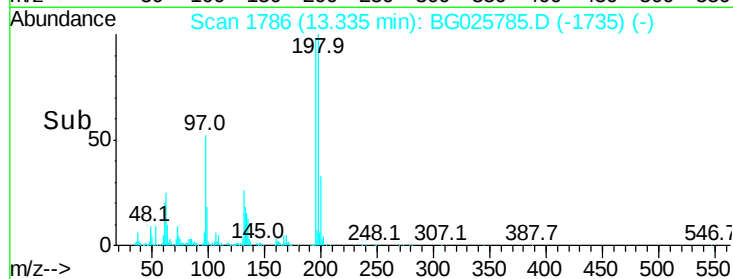
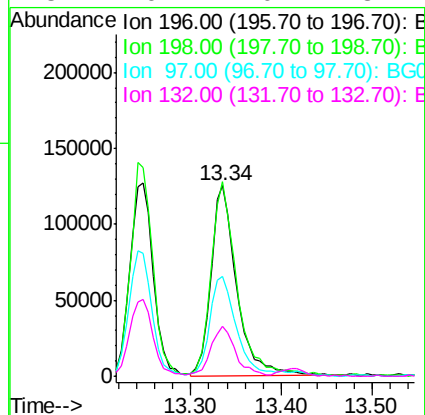
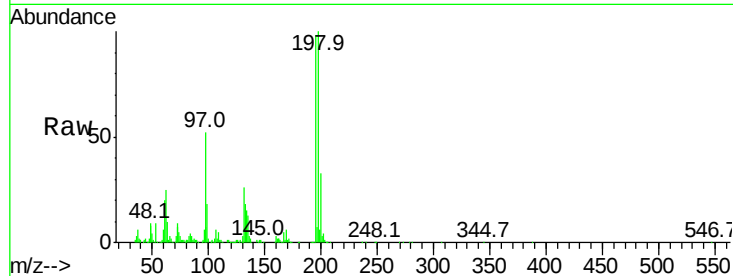
#43
2,4,5-Trichlorophenol
Concen: 42.98 ng
RT: 13.34 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245804		
198	102.2	79.9	119.9	
97	52.7	45.4	68.0	
132	26.2	20.7	31.1	

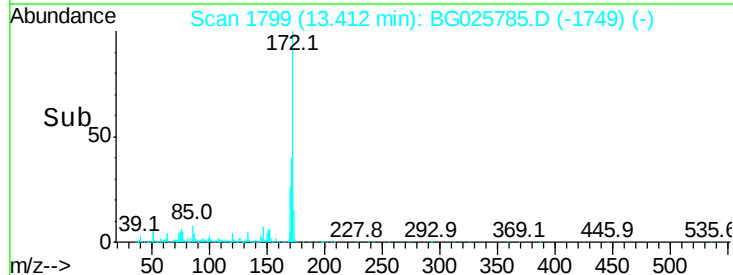
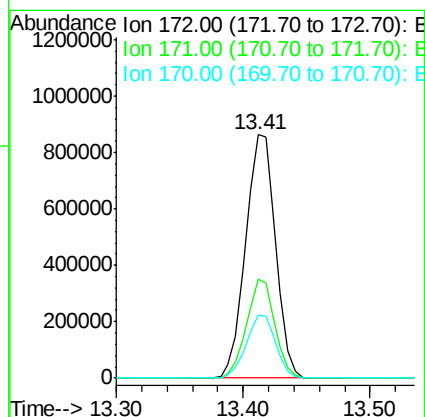
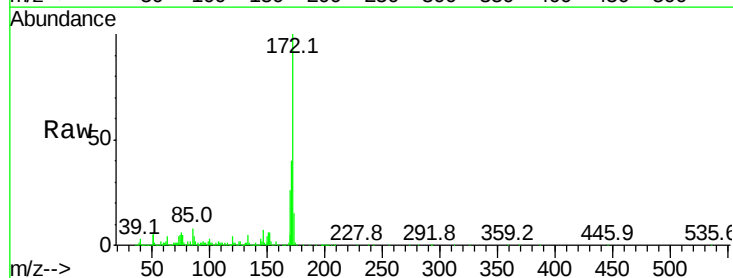
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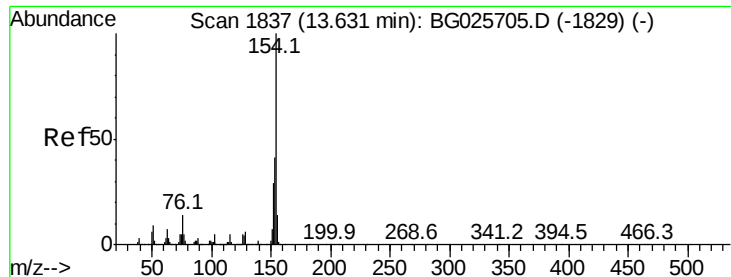
mohammad
2/3/2017 1:58:33 PM



#44
2-Fluorobiphenyl
Concen: 85.09 ng
RT: 13.41 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1415537		
171	40.4	32.2	48.2	
170	25.7	21.8	32.6	





#45

1,1'-Biphenyl

Concen: 41.11 ng

RT: 13.63 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

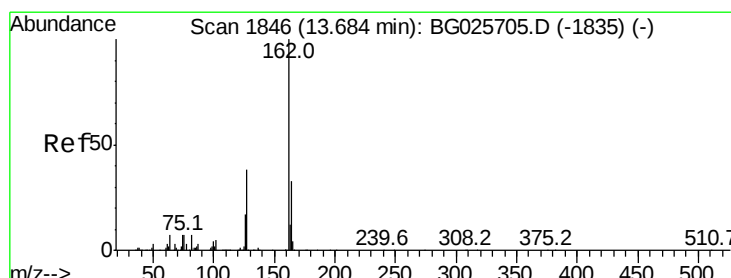
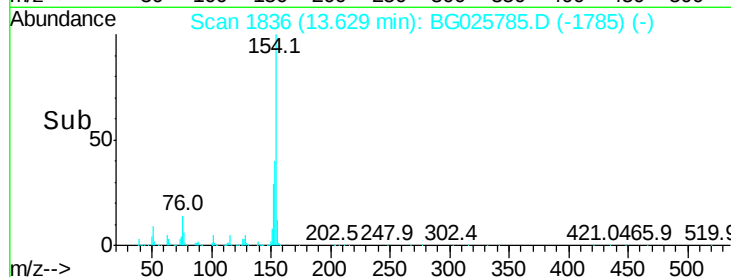
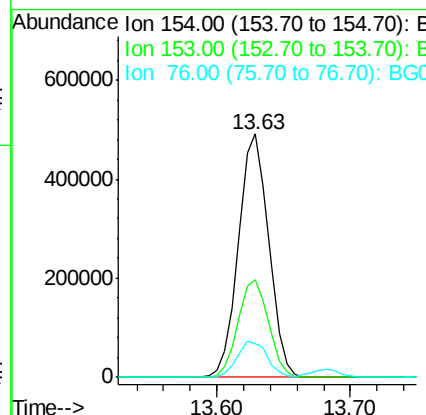
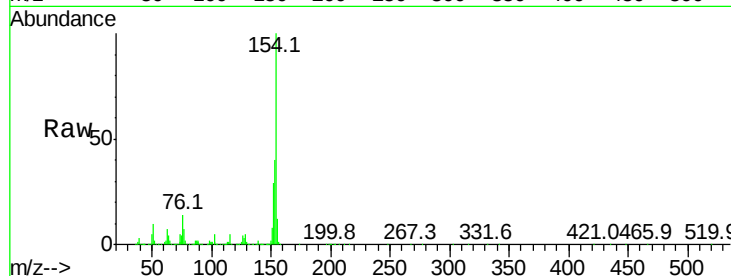
ClientSampleId :

PB96669BSD

Tot Ion:	154	Resp:	772725
Ion Ratio	Lower	Upper	
154	100		
153	40.3	23.0	63.0
76	14.0	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 42.22 ng

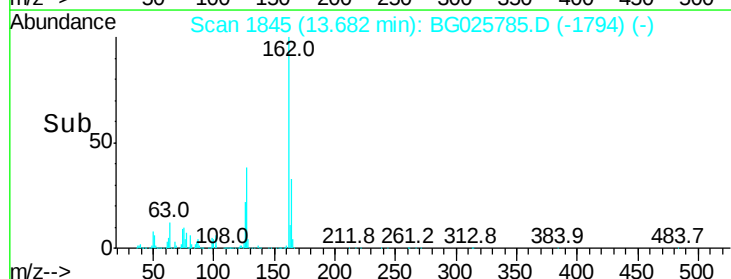
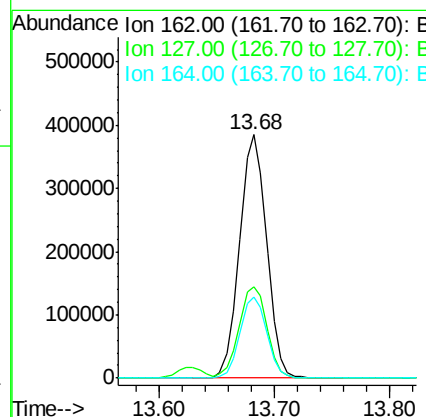
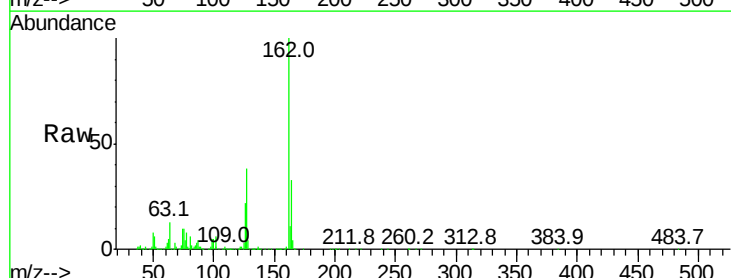
RT: 13.68 min Scan# 1845

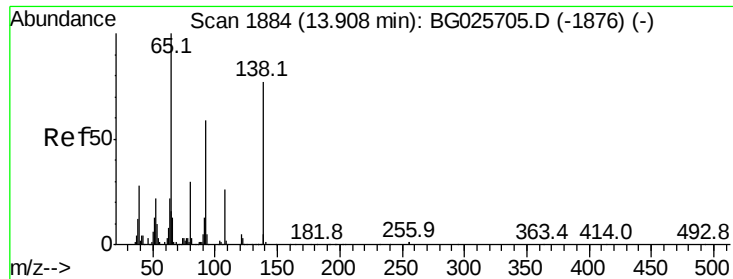
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	162	Resp:	623169
Ion Ratio	Lower	Upper	
162	100		
127	37.5	32.2	48.4
164	33.3	27.3	40.9





#47

2-Nitroaniline

Concen: 42.12 ng

RT: 13.90 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

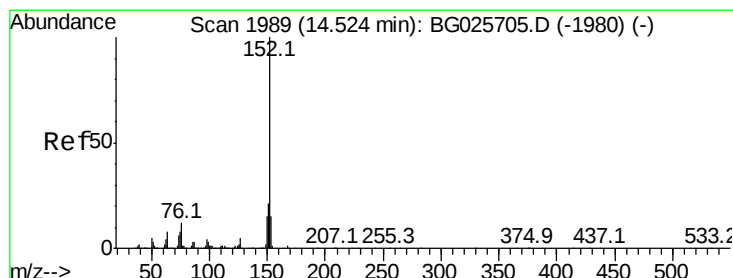
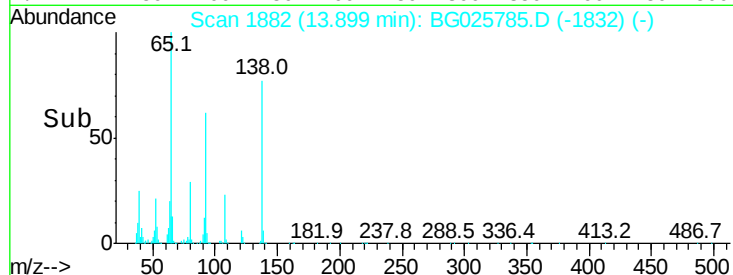
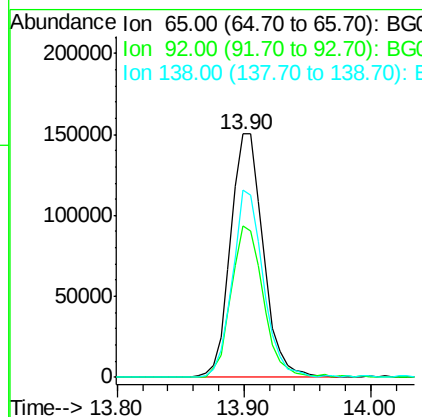
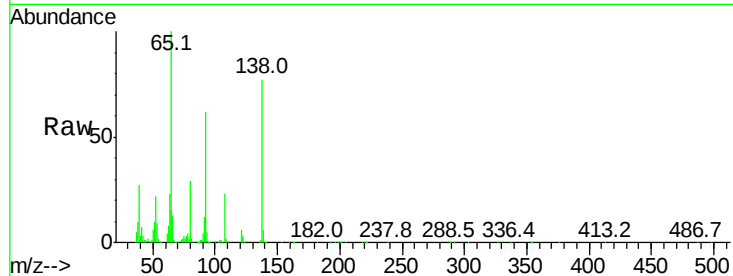
ClientSampleId :

PB96669BSD

Tot Ion:	65	Resp:	267600
Ion Ratio	Lower	Upper	
65	100		
92	62.1	49.0	73.4
138	76.8	58.6	87.8

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#48

Acenaphthylene

Concen: 40.02 ng

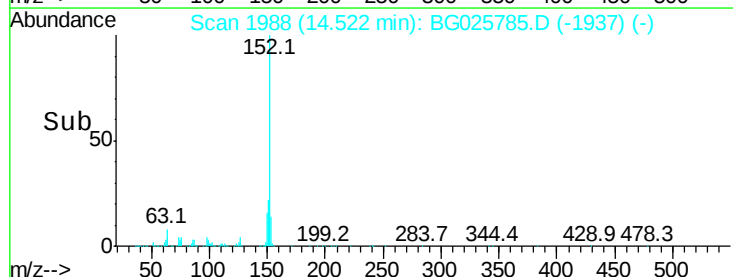
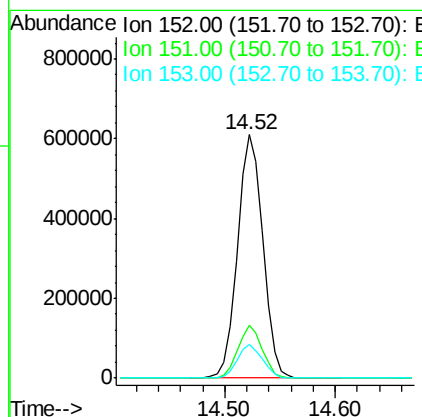
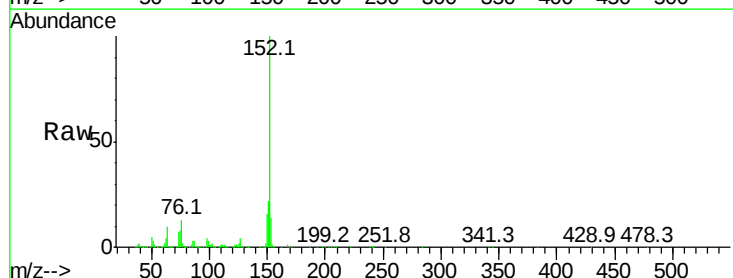
RT: 14.52 min Scan# 1988

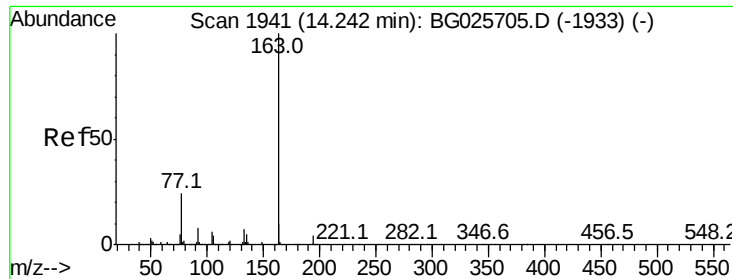
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	152	Resp:	982594
Ion Ratio	Lower	Upper	
152	100		
151	21.8	18.2	27.2
153	13.8	11.3	16.9





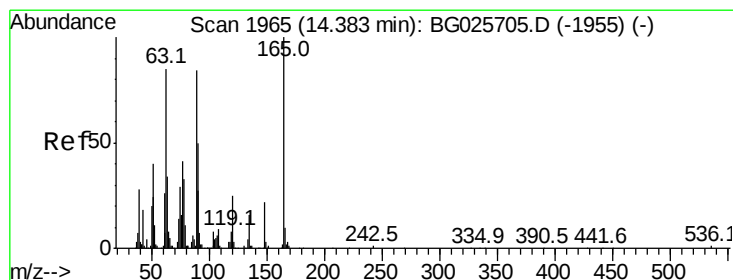
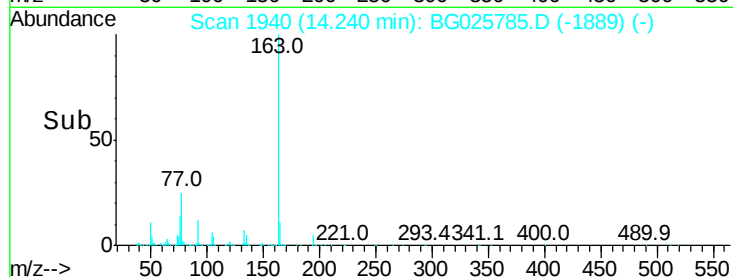
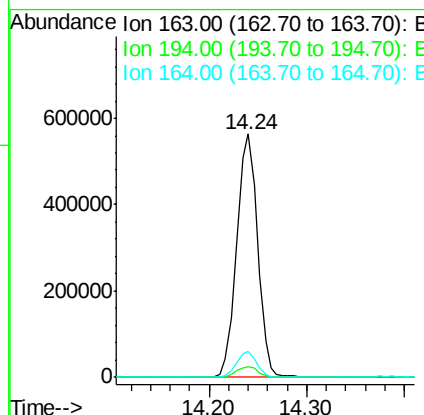
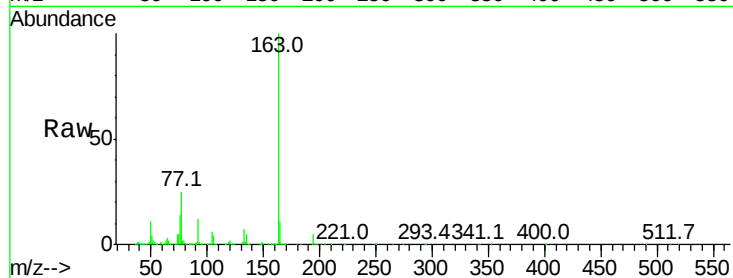
#49
Dimethylphthalate
Concen: 41.12 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	836628		
194	4.5		3.8	5.6
164	10.6		9.3	13.9

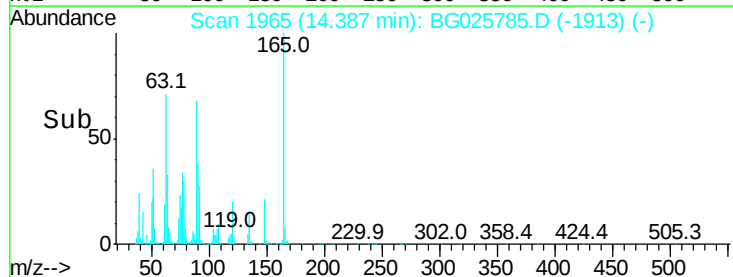
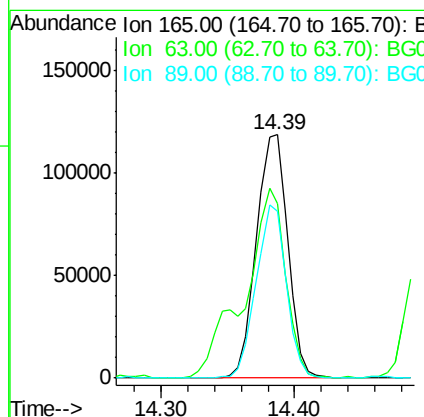
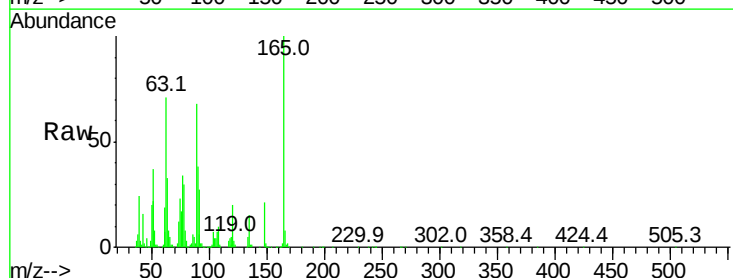
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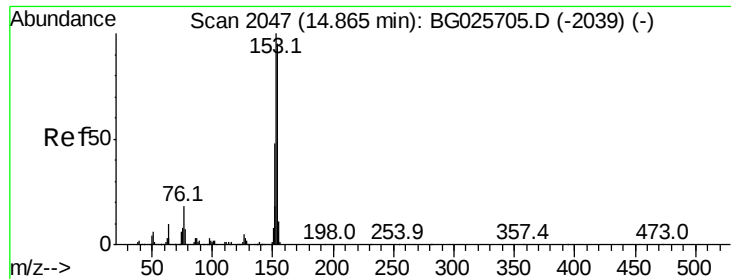
mohammad
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#50
2,6-Dinitrotoluene
Concen: 41.80 ng
RT: 14.39 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192591		
63	71.4		63.9	95.9
89	68.5		58.6	88.0





#51

Acenaphthene

Concen: 41.53 ng

RT: 14.86 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

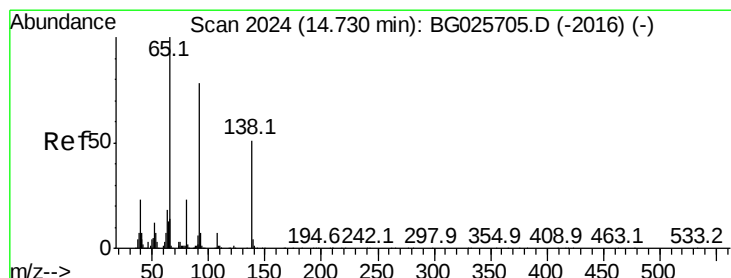
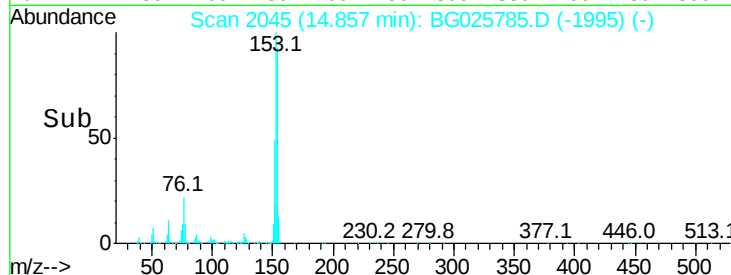
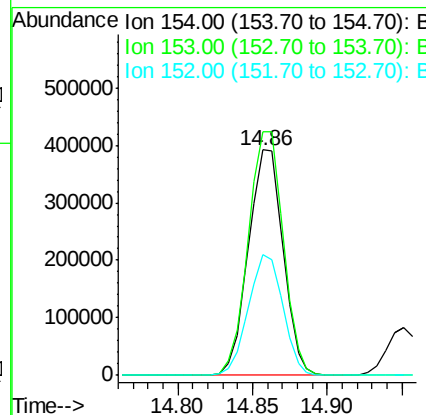
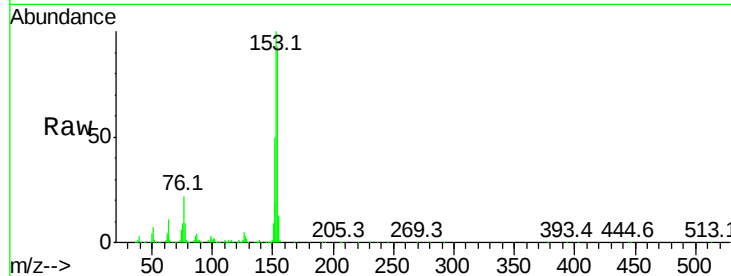
ClientSampleId :

PB96669BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	107.9	87.8	131.6
152	53.5	42.2	63.4

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#52

3-Nitroaniline

Concen: 12.29 ng

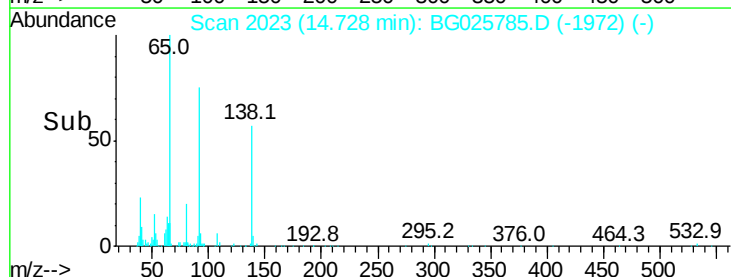
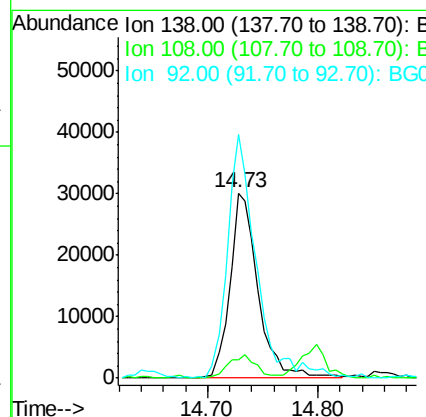
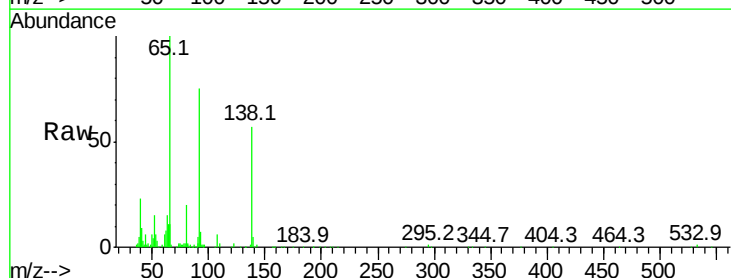
RT: 14.73 min Scan# 2023

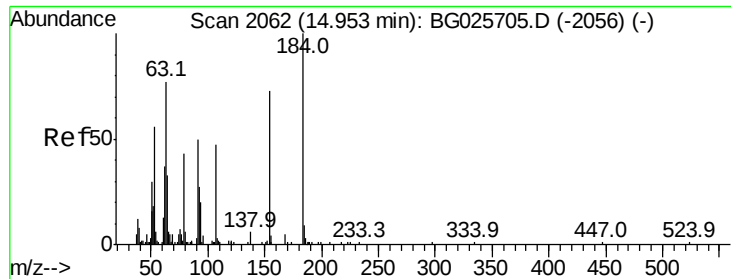
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	10.9	16.3#
92	131.8	115.3	172.9





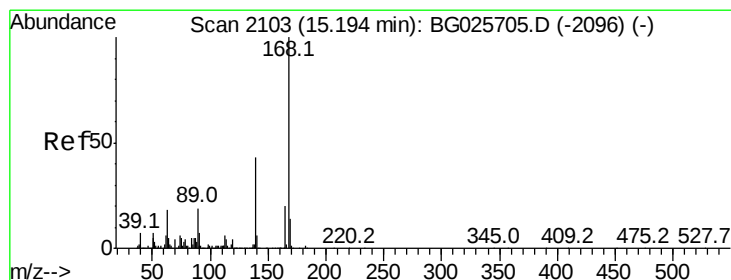
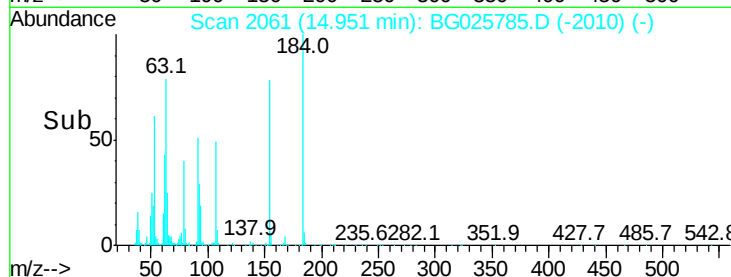
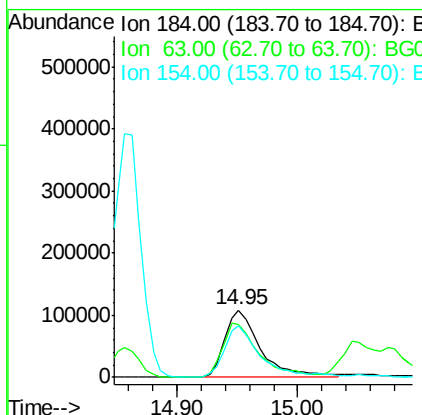
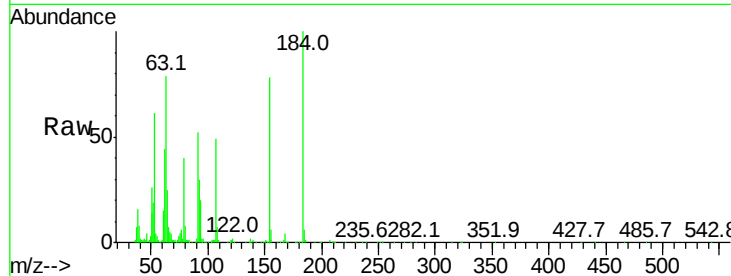
#53
2,4-Dinitrophenol
Concen: 80.34 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampled :
PB96669BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.0	52.7	79.1
154	77.6	57.3	85.9

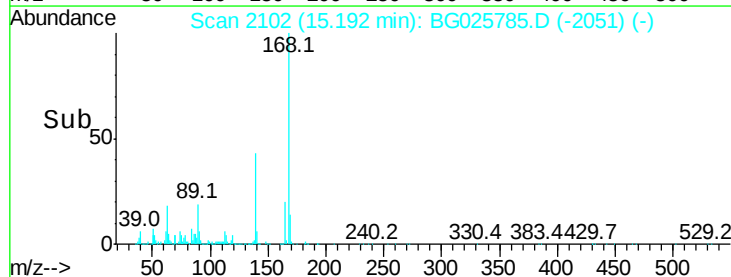
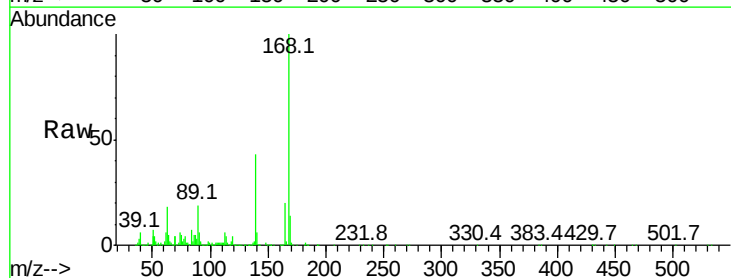
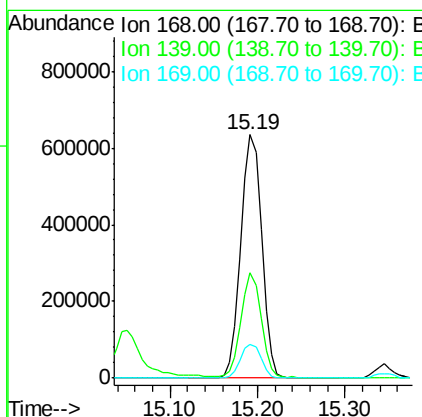
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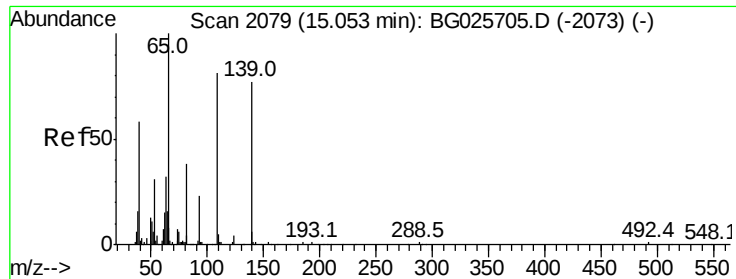
mohammad
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#54
Dibenzofuran
Concen: 44.35 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.3	35.3	52.9
169	14.1	11.5	17.3





#55

4-Nitrophenol

Concen: 82.63 ng

RT: 15.05 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

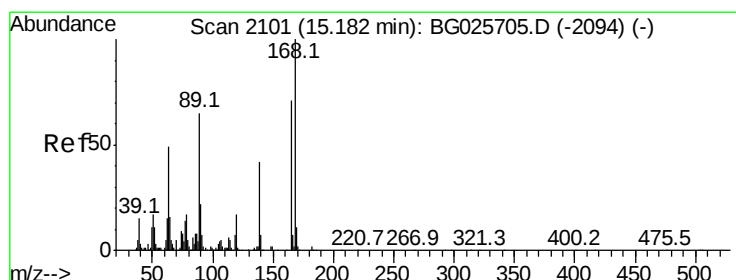
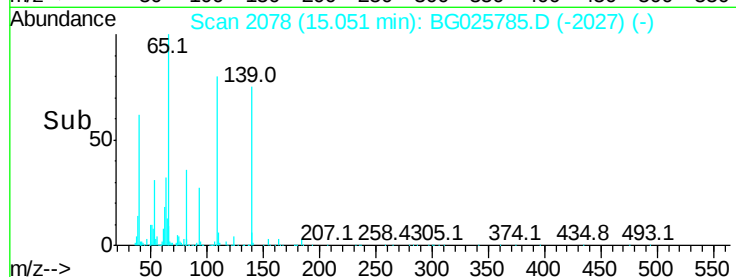
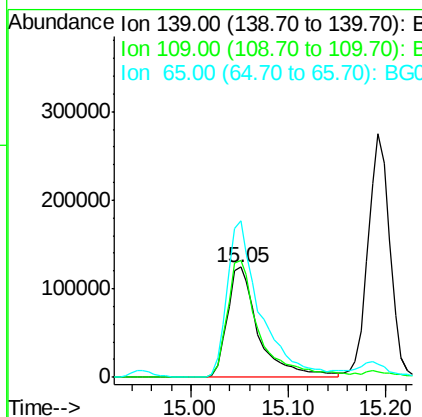
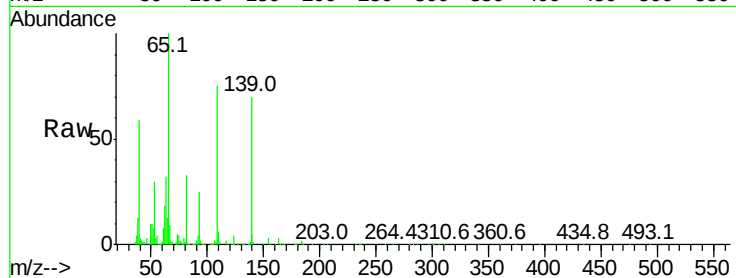
ClientSampleId :

PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	106.5	101.2	141.2	
65	142.4	135.3	175.3	

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 42.23 ng

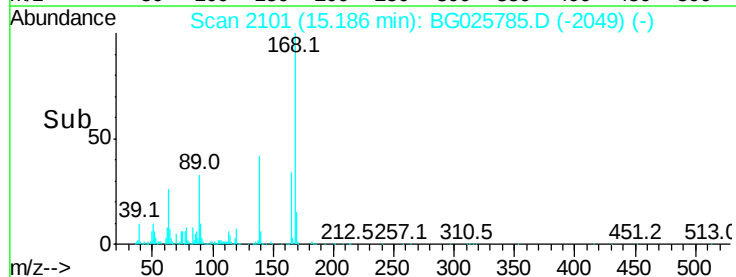
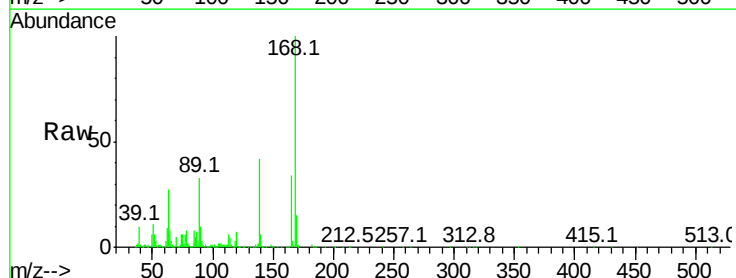
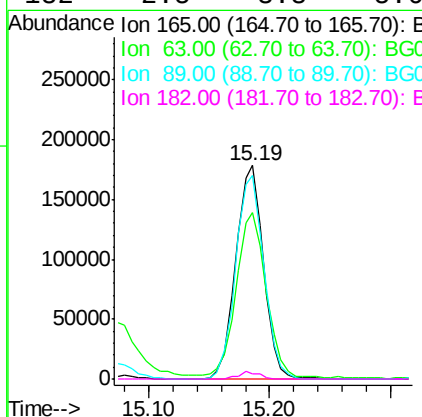
RT: 15.19 min Scan# 2101

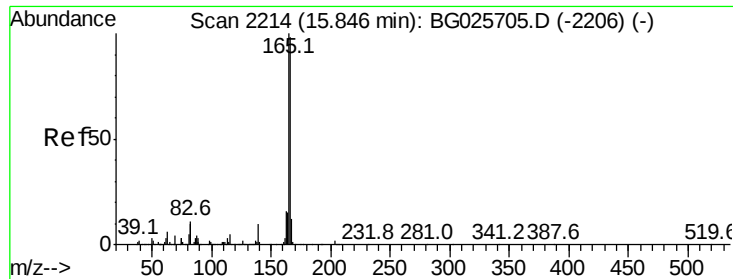
Delta R.T. 0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	77.9	44.0	66.0#	
89	95.4	67.3	100.9	
182	2.5	3.8	5.6#	





#57

Fluorene

Concen: 41.42 ng

RT: 15.84 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

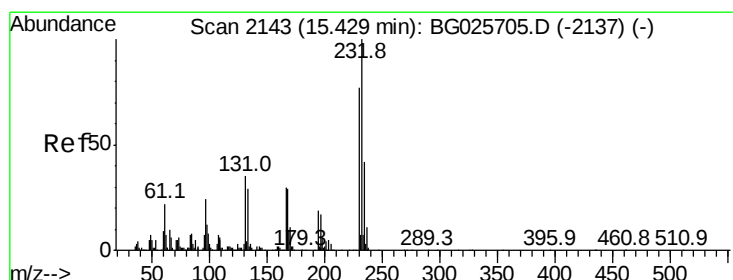
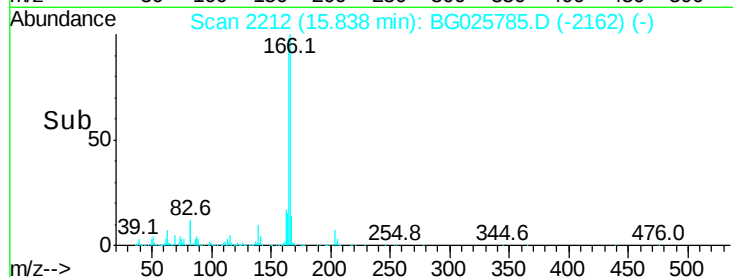
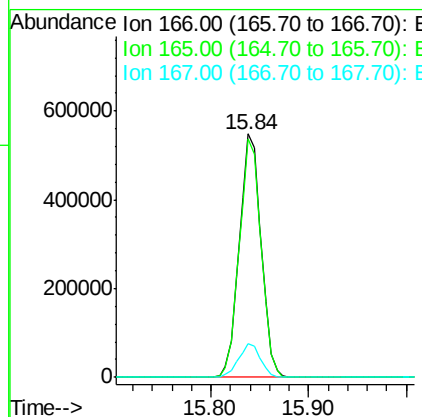
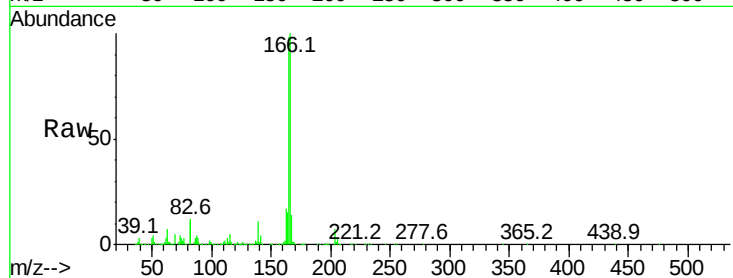
ClientSampleId :

PB96669BSD

Tot Ion:	166	Resp:	843685
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.6	117.8
167	13.8	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.67 ng

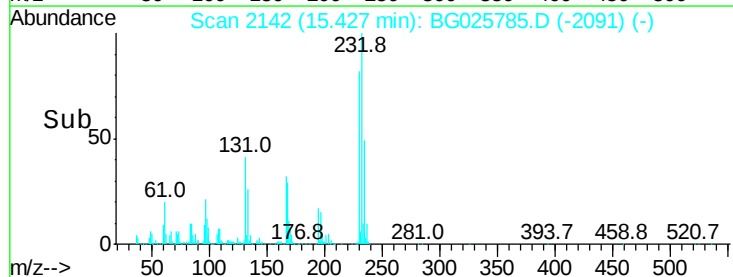
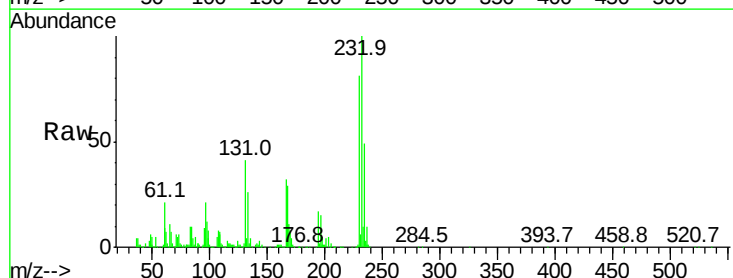
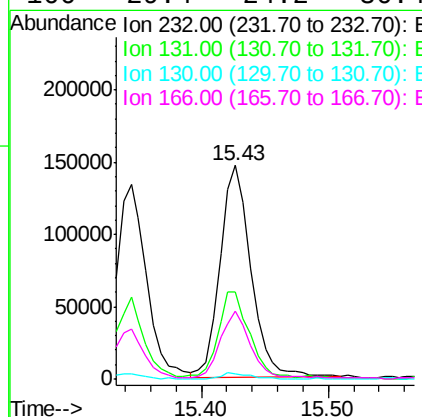
RT: 15.43 min Scan# 2142

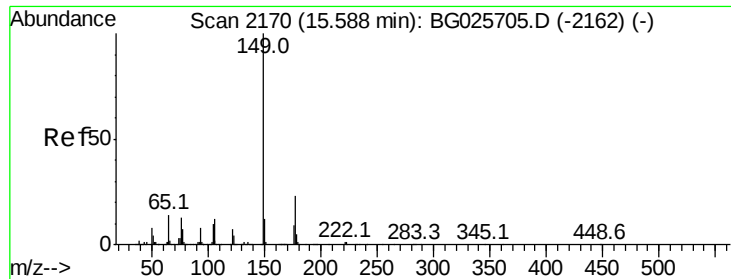
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	232	Resp:	249375
Ion Ratio	Lower	Upper	
232	100		
131	40.2	34.9	52.3
130	2.7	2.3	3.5
166	29.4	24.2	36.4





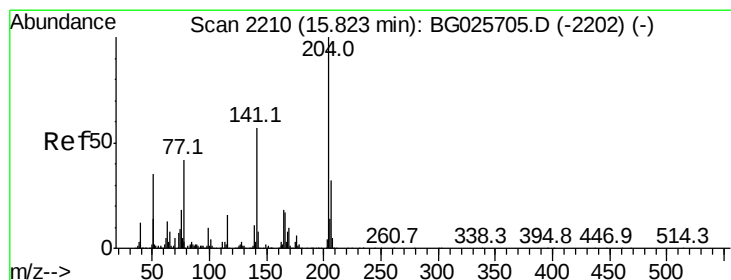
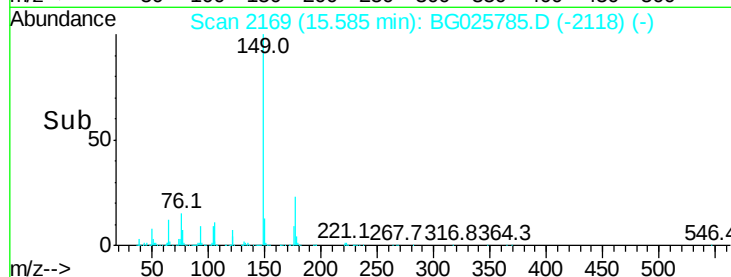
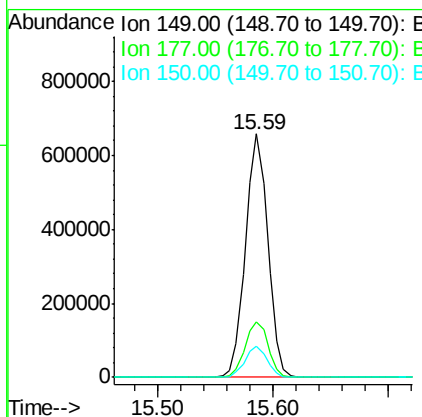
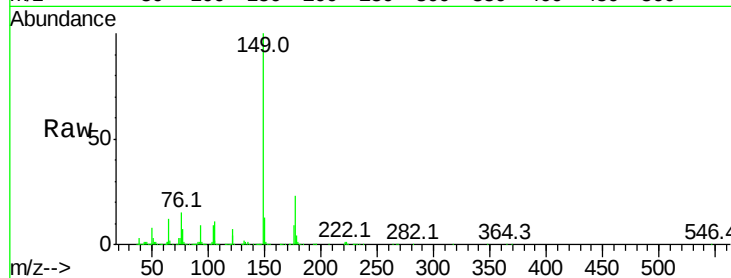
#59
Diethylphthalate
Concen: 41.09 ng
RT: 15.59 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.0	20.1	30.1
150	12.8	10.2	15.2

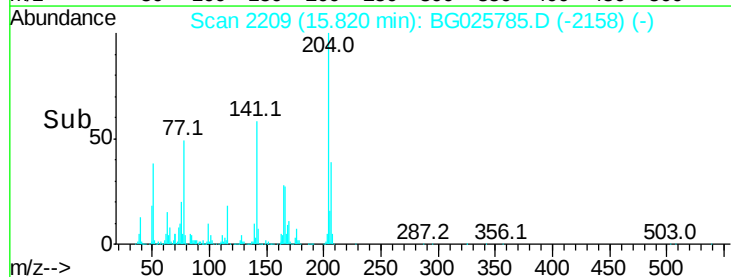
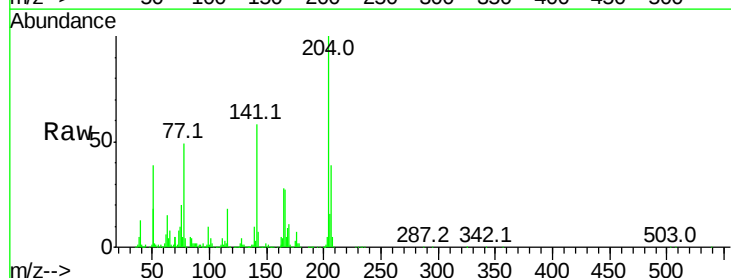
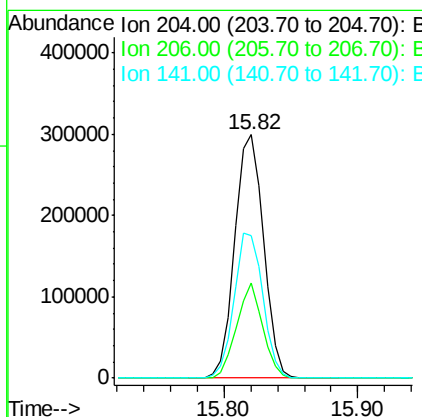
Manual Integrations
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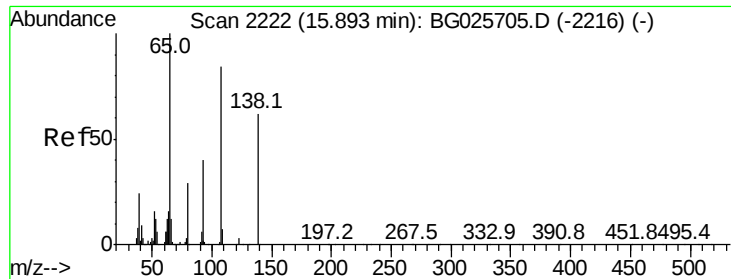
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.67 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	38.9	30.1	45.1
141	58.4	50.6	76.0





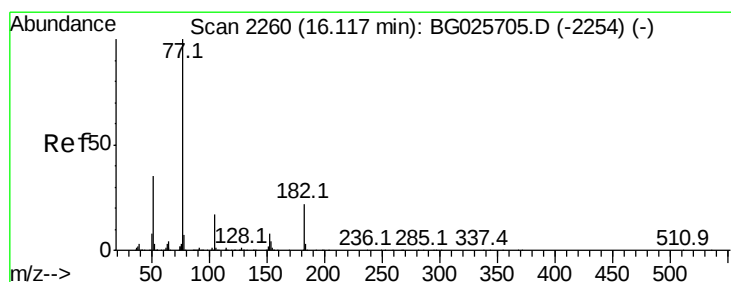
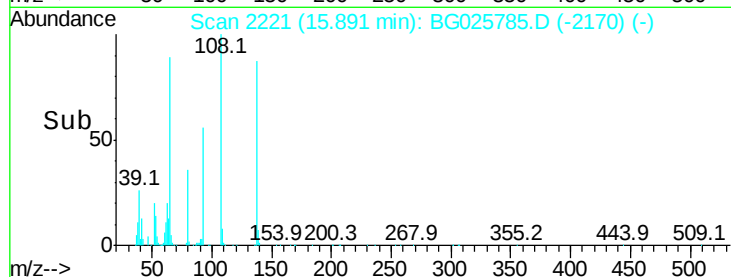
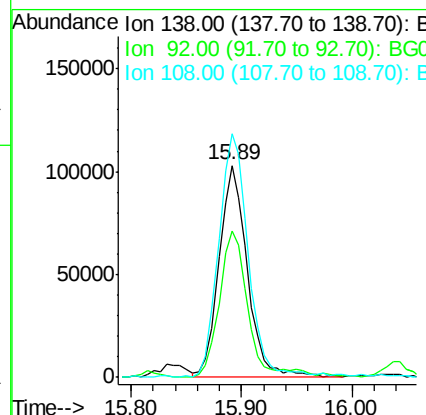
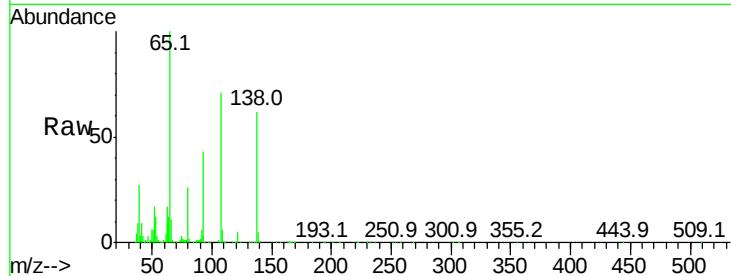
#61
4-Nitroaniline
Concen: 42.03 ng
RT: 15.89 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	69.0	44.2	84.2
108	114.9	104.8	144.8

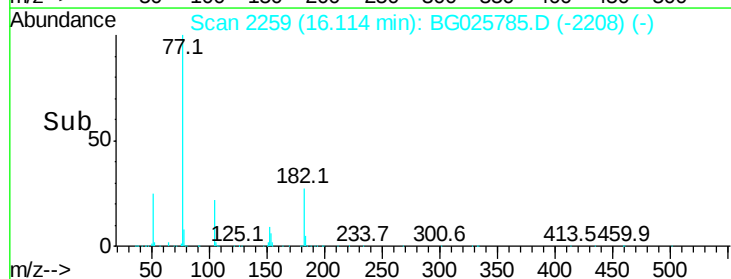
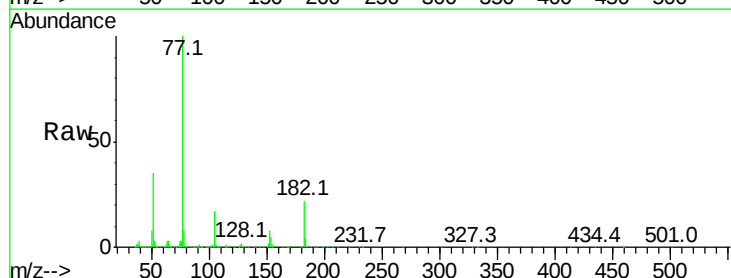
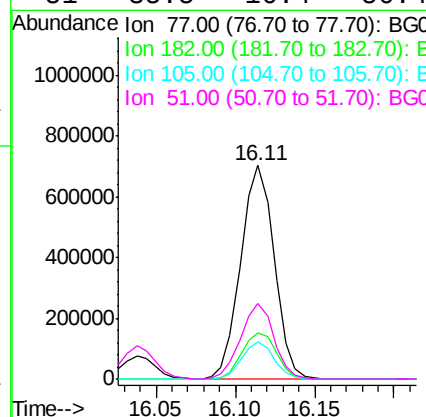
Manual Integrations
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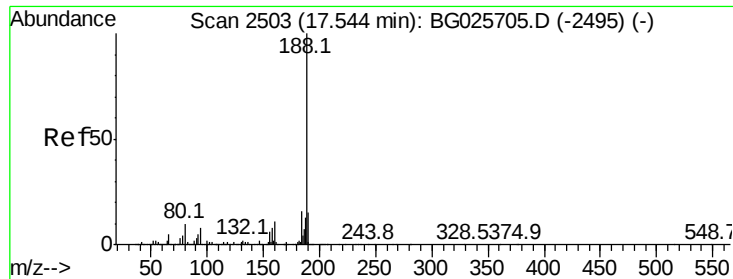
mohammad
2/3/2017 1:58:33 PM



#62
Azobenzene
Concen: 46.82 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG025785.D
Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	4.7	44.7
105	17.3	0.0	36.3
51	35.5	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

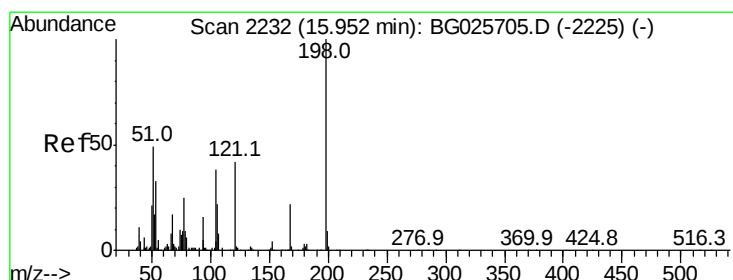
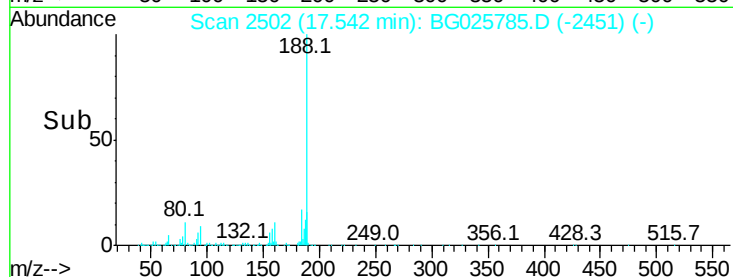
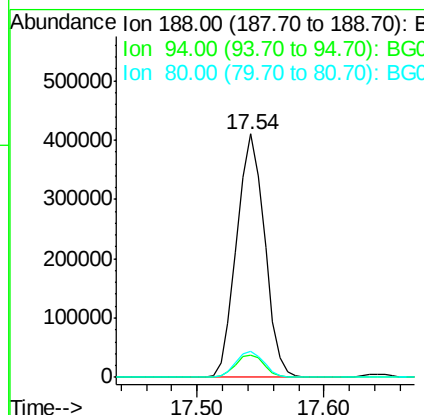
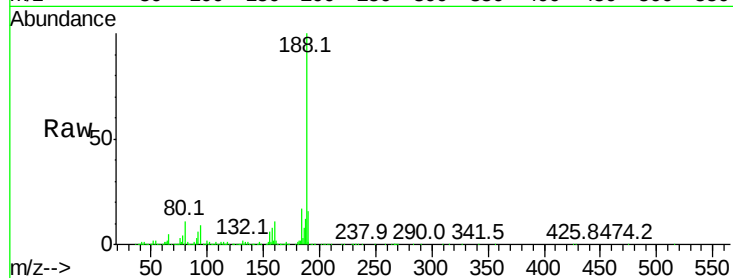
ClientSampleId :

PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	627687		
94	8.9	5.8	8.8#	
80	10.8	7.5	11.3	

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.64 ng

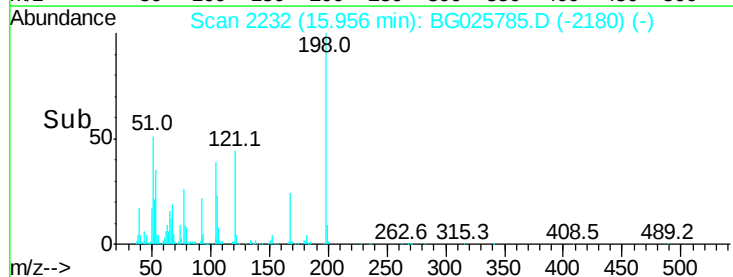
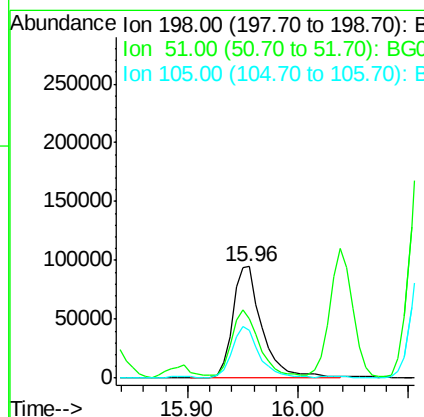
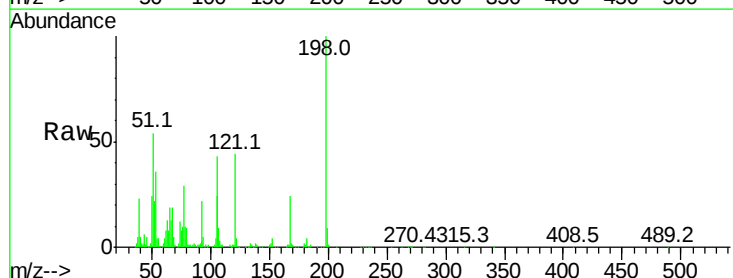
RT: 15.96 min Scan# 2232

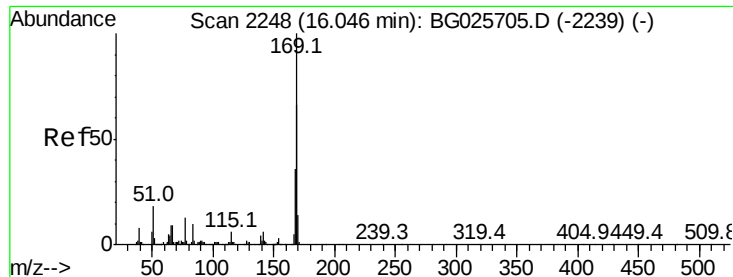
Delta R.T. 0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	176832		
51	53.7	22.6	62.6	
105	42.5	14.4	54.4	





#65

n-Nitrosodiphenylamine

Concen: 43.78 ng

RT: 16.04 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

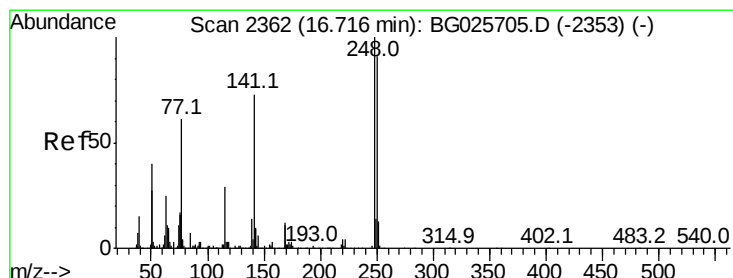
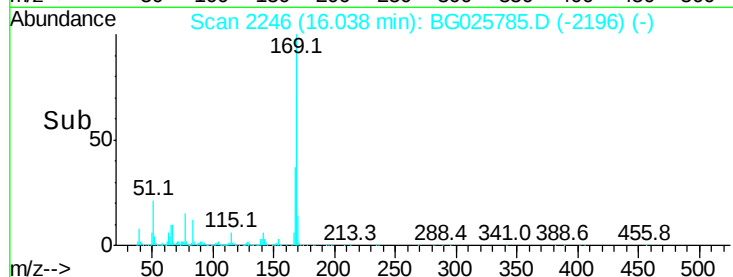
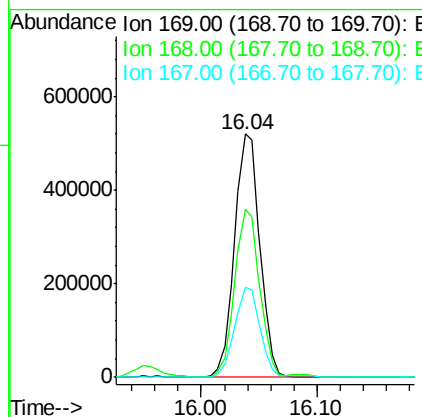
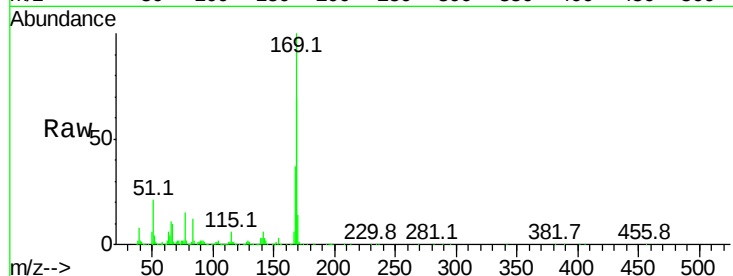
ClientSampleId :

PB96669BSD

Tot Ion:	169	Resp:	788859
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.7	83.5
167	37.1	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 42.04 ng

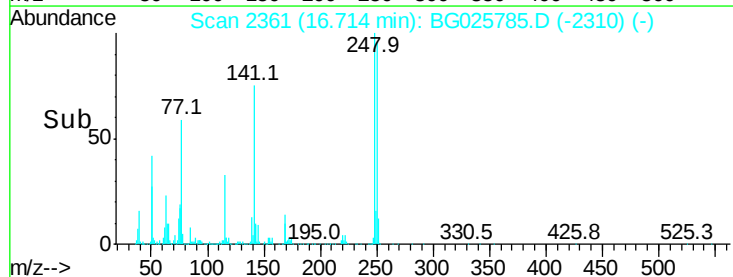
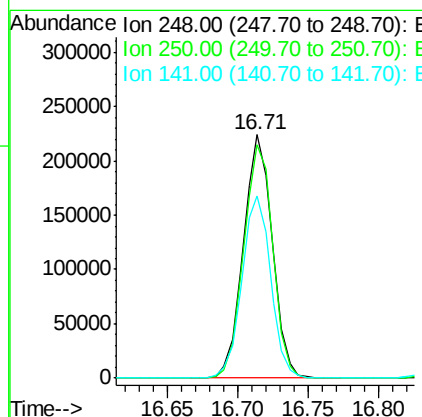
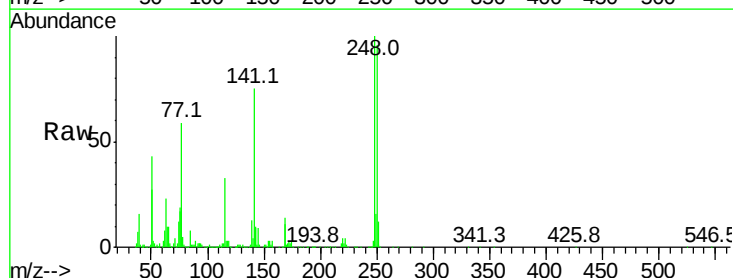
RT: 16.71 min Scan# 2361

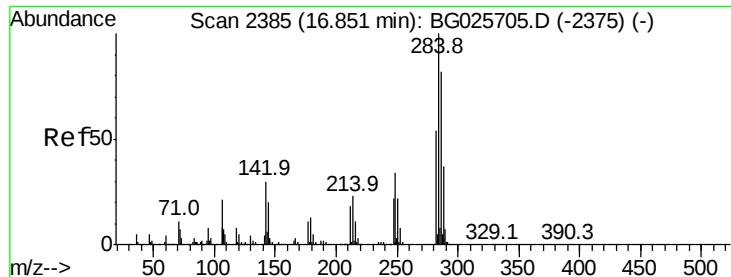
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	248	Resp:	320930
Ion Ratio	Lower	Upper	
248	100		
250	95.6	75.0	112.6
141	74.7	55.2	82.8





#67

Hexachlorobenzene

Concen: 41.04 ng

RT: 16.84 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

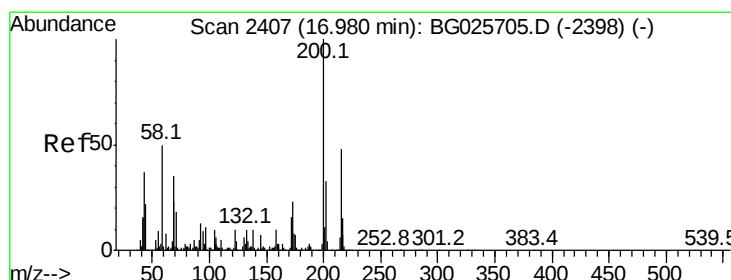
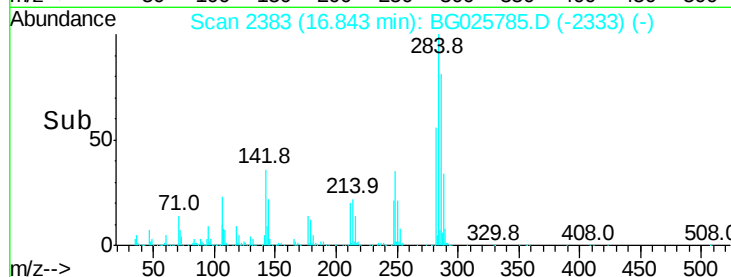
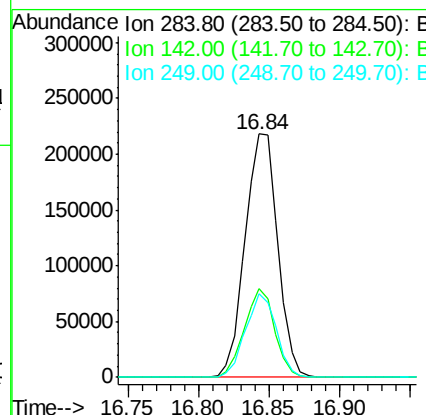
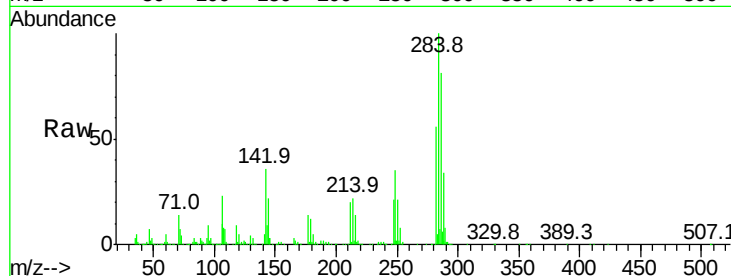
ClientSampleId :

PB96669BSD

Tot Ion:	284	Resp:	352358
Ion Ratio		Lower	Upper
284	100		
142	36.2	29.9	44.9
249	34.6	29.2	43.8

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#68

Atrazine

Concen: 36.76 ng

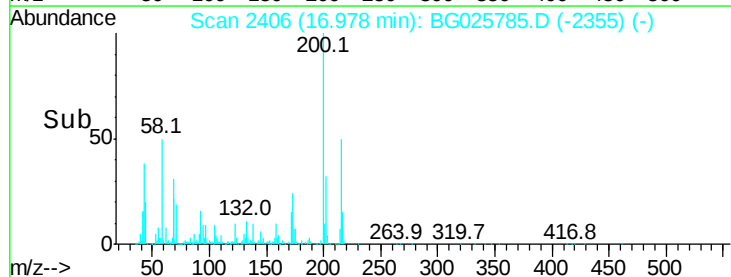
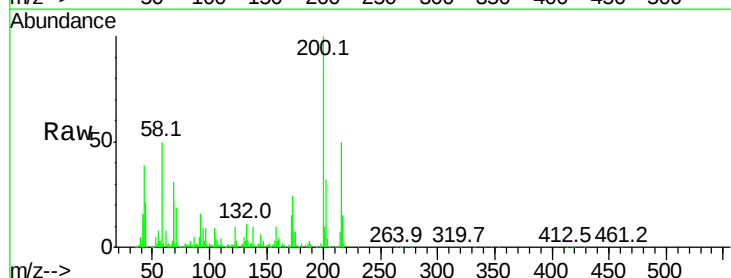
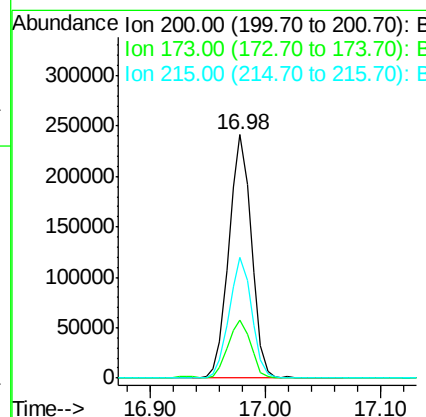
RT: 16.98 min Scan# 2406

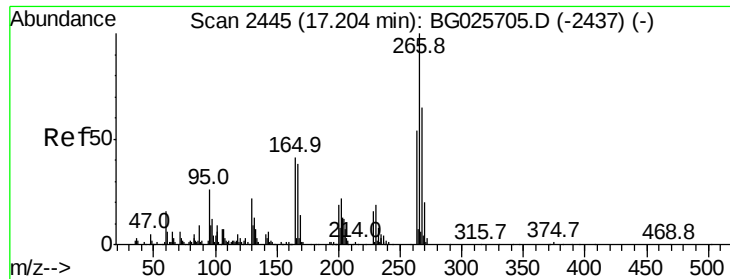
Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	200	Resp:	327009
Ion Ratio		Lower	Upper
200	100		
173	23.8	3.0	43.0
215	49.5	28.4	68.4





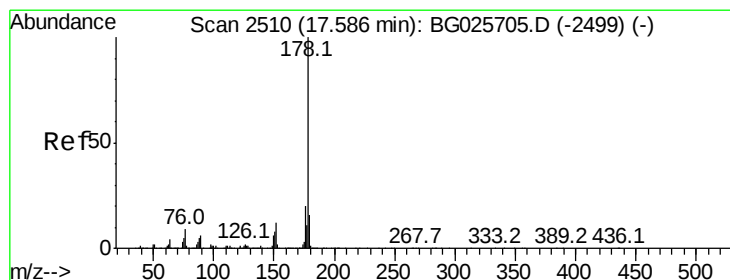
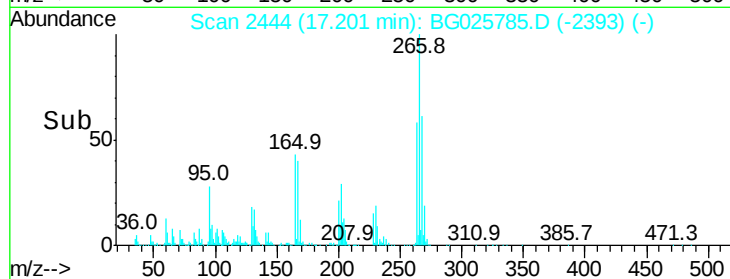
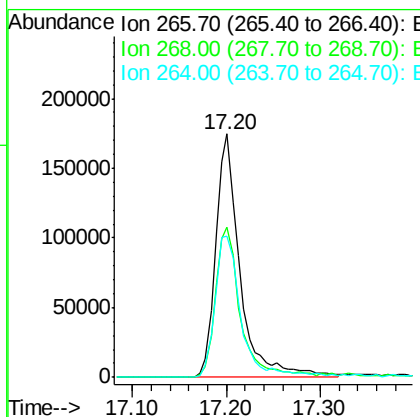
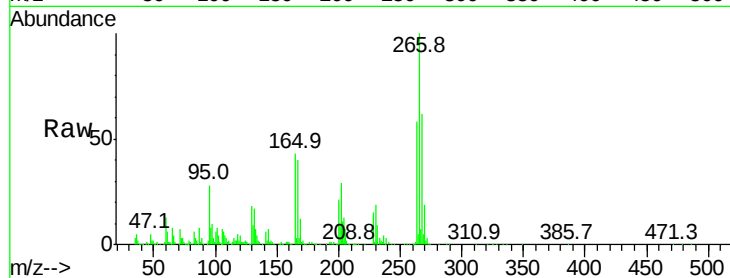
#69
 Pentachlorophenol
 Concen: 83.43 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	314726		
268	61.6	48.6	72.8	
264	57.8	50.1	75.1	

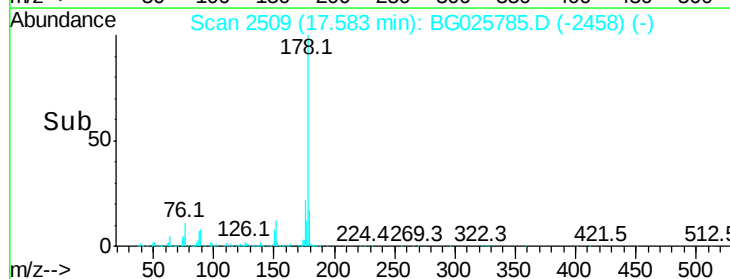
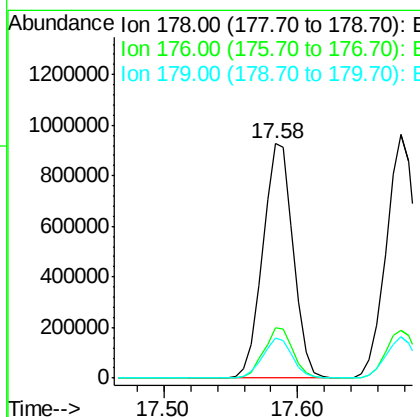
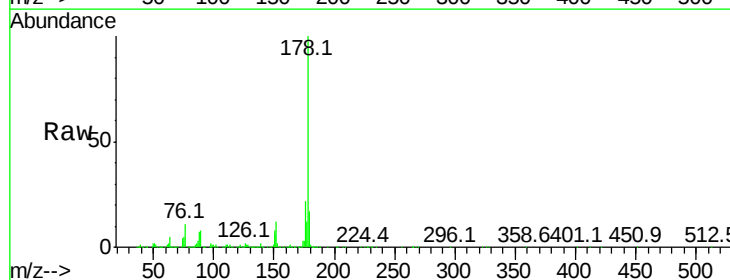
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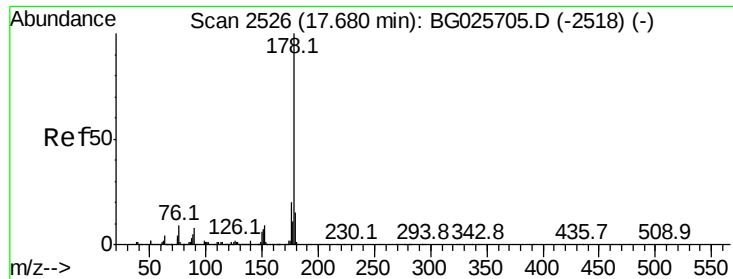
mohammad
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#70
 Phenanthrene
 Concen: 42.67 ng
 RT: 17.58 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1455381		
176	21.7	17.7	26.5	
179	17.0	15.0	22.6	





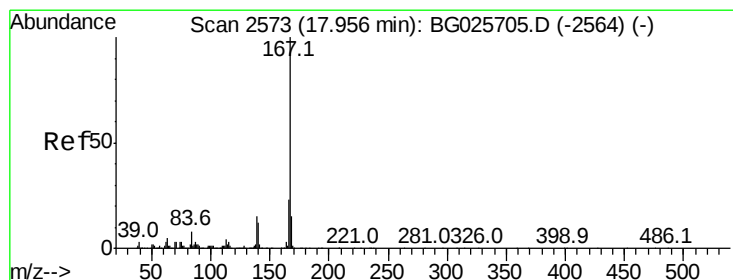
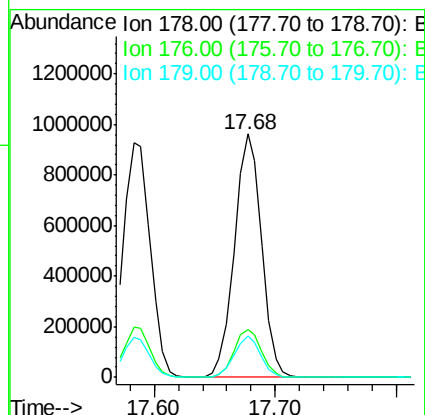
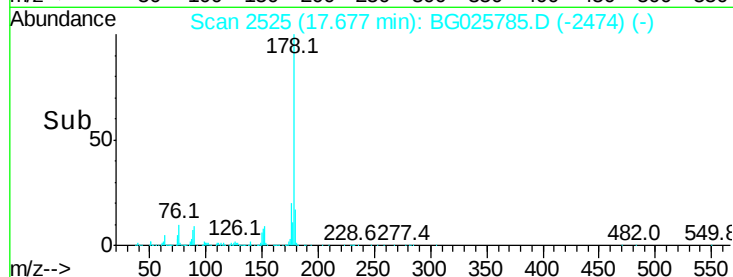
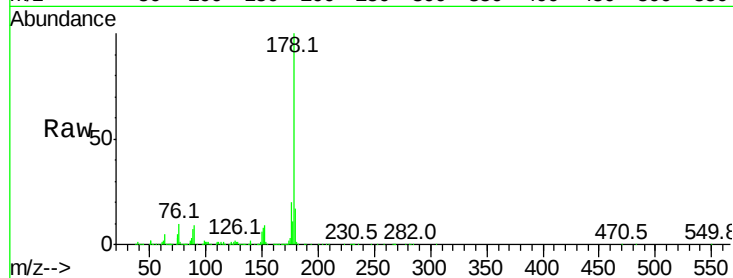
#71
 Anthracene
 Concen: 42.76 ng
 RT: 17.68 min Scan# 2525
 Delta R.T. -0.00 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BSD

Tot Ion:178 Resp: 1504106
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.4 24.6
 179 17.0 13.8 20.8

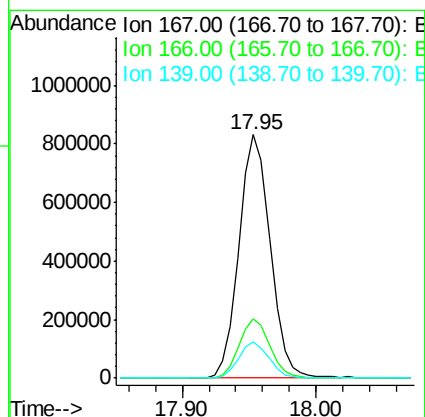
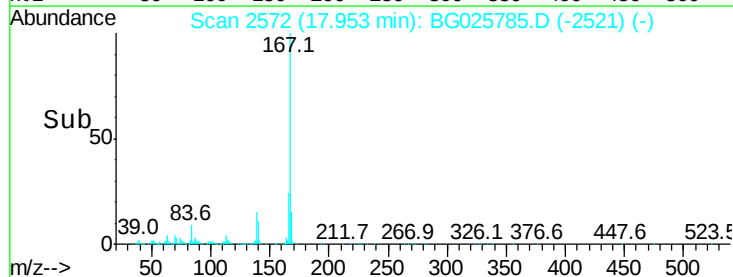
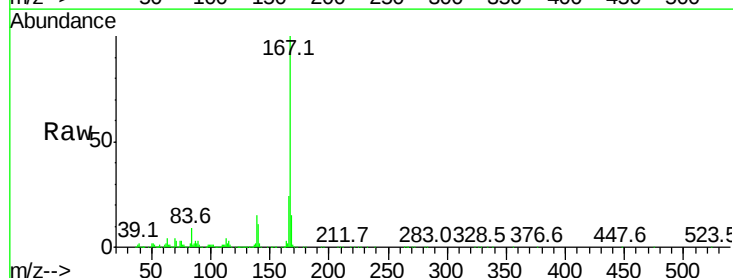
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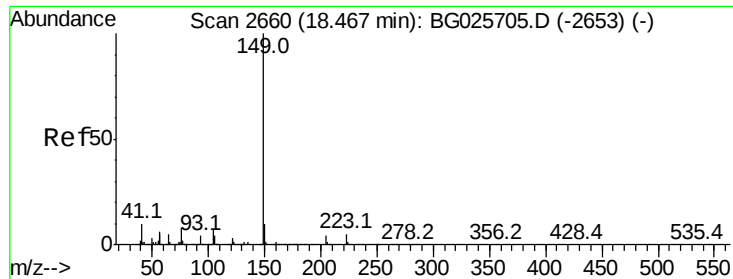
mohammad
 2/3/2017 1:58:33 PM



#72
 Carbazole
 Concen: 39.57 ng
 RT: 17.95 min Scan# 2572
 Delta R.T. -0.00 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Tgt Ion:167 Resp: 1348114
 Ion Ratio Lower Upper
 167 100
 166 24.2 20.2 30.2
 139 14.9 12.8 19.2





#73

Di-n-butylphthalate

Concen: 41.39 ng

RT: 18.46 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

ClientSampleId :

PB96669BSD

Tot Ion:149 Resp: 1631256

Ion Ratio Lower Upper

149 100

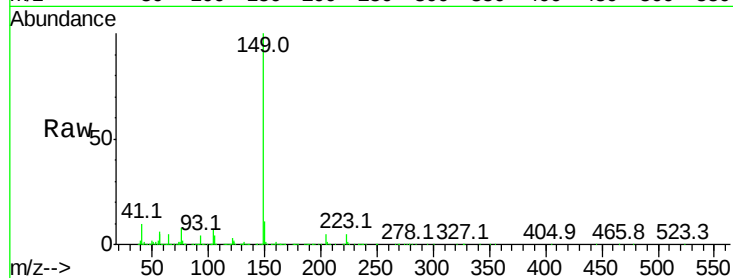
150 10.7 9.1 13.7

104 6.8 6.7 10.1

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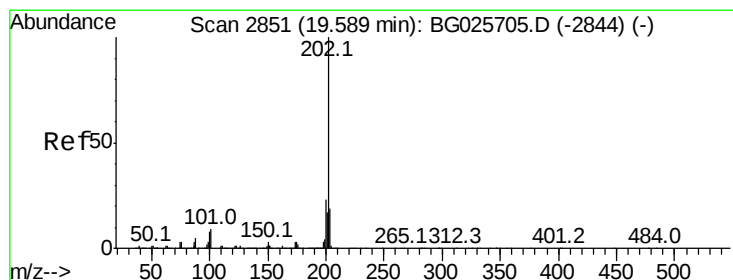
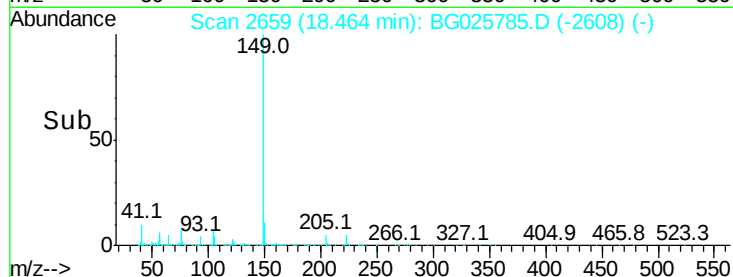
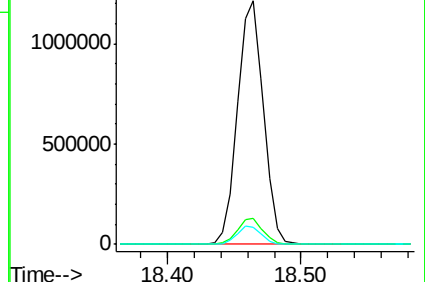
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.23 ng

RT: 19.59 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

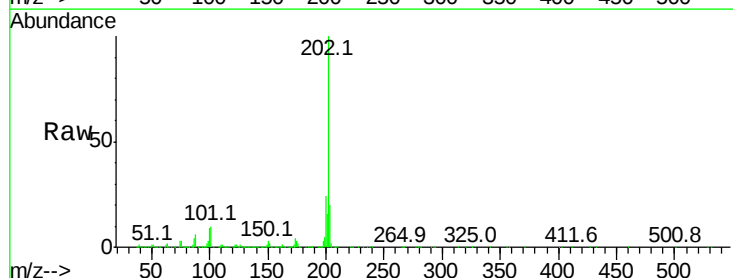
Tgt Ion:202 Resp: 1833789

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.1

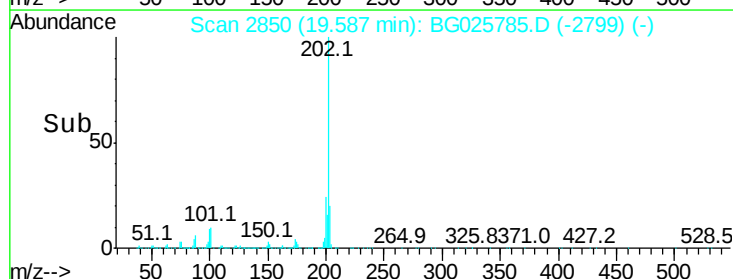
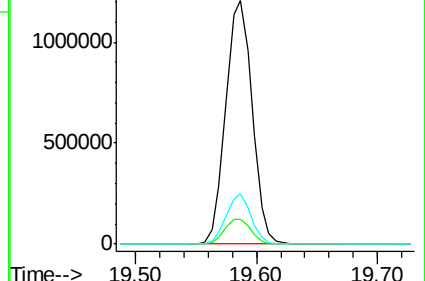
203 20.5 1.3 41.3

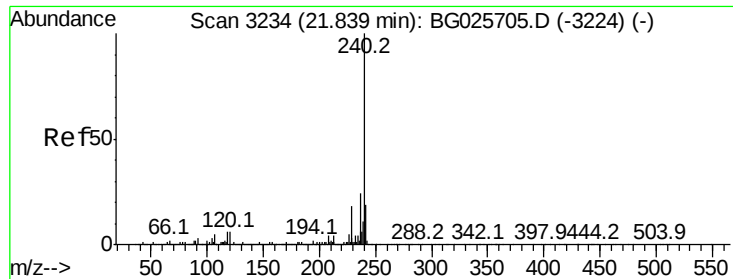


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

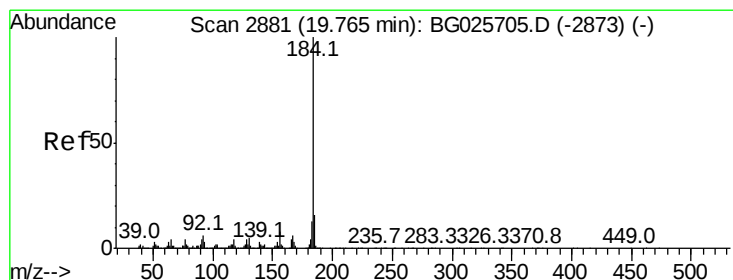
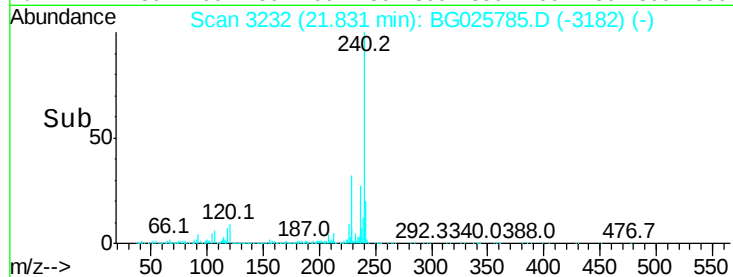
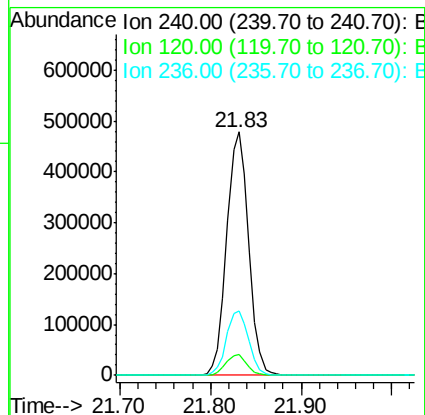
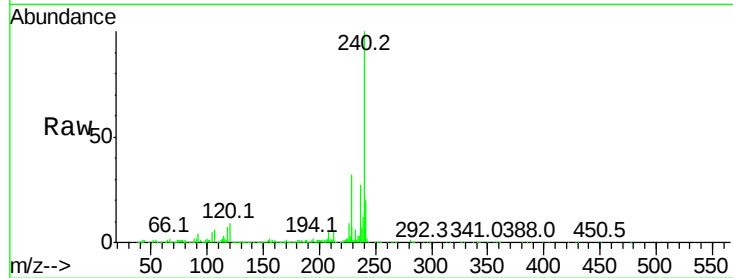
ClientSampleId :

PB96669BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.7	8.5#
236	26.6	22.2	33.4

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#76

Benzidine

Concen: 18.19 ng

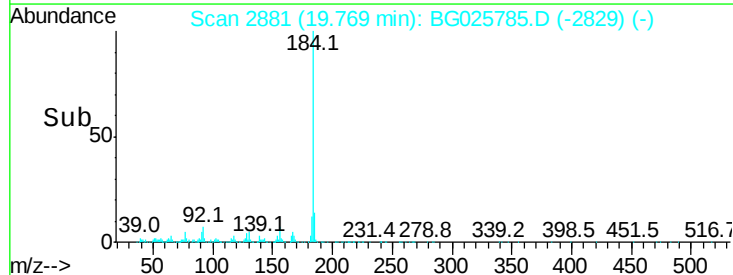
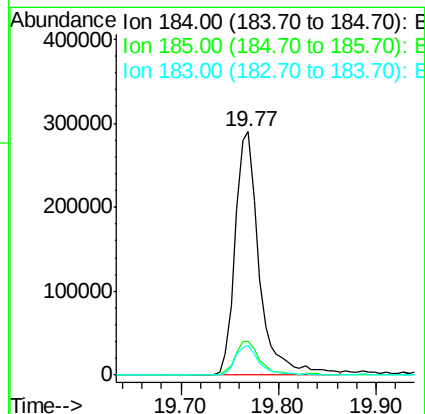
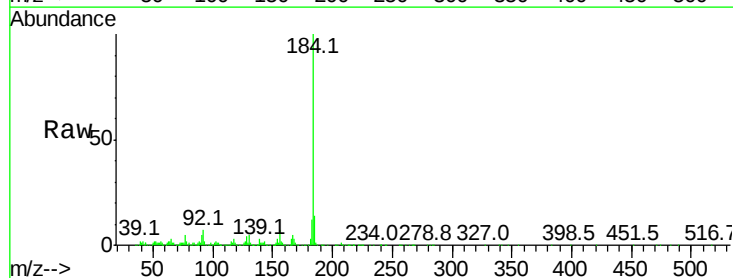
RT: 19.77 min Scan# 2881

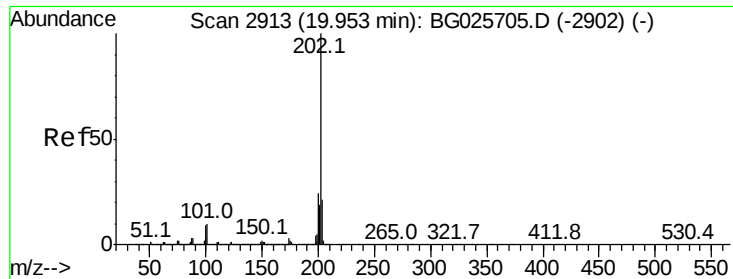
Delta R.T. 0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	13.0	19.6
183	12.3	11.0	16.6





#77

Pvrene

Concen: 42.02 ng

RT: 19.95 min Scan# 2911

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

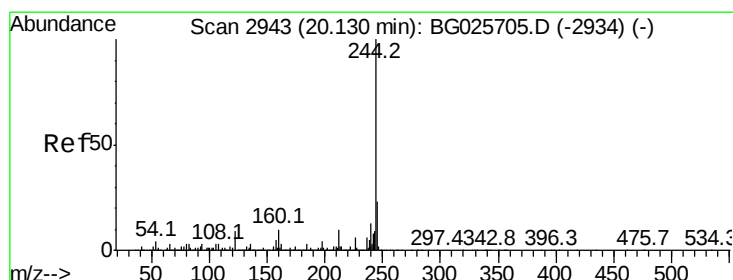
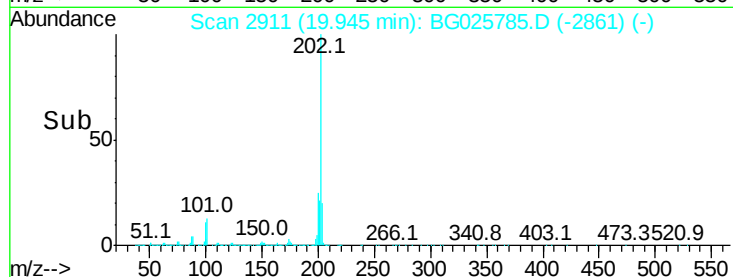
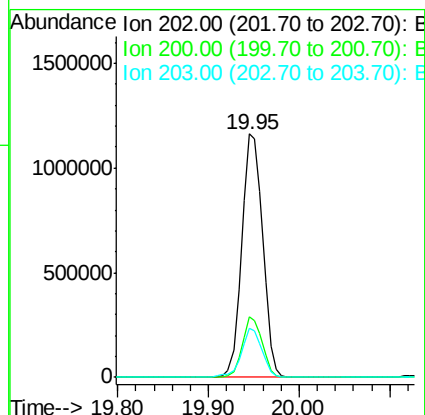
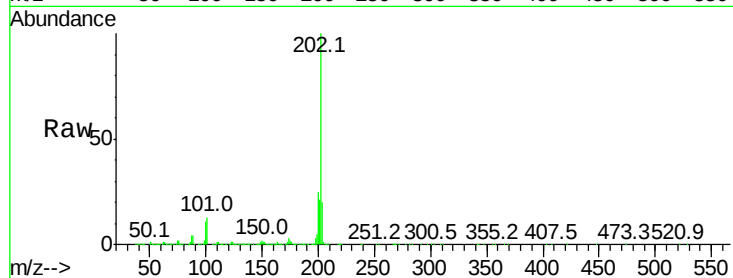
ClientSampleId :

PB96669BSD

Tot Ion:202	Resp: 1872856
Ion Ratio	Lower Upper
202 100	
200 24.8	19.6 29.4
203 20.2	15.8 23.8

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#78

Terphenyl-d14

Concen: 77.25 ng

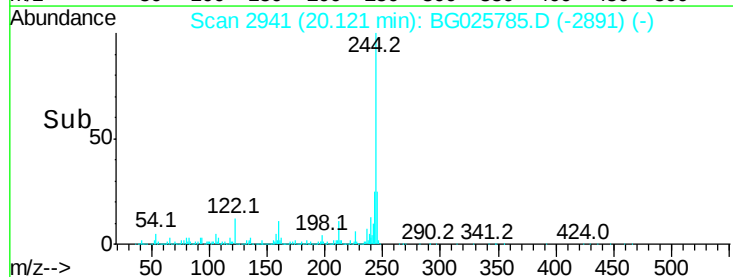
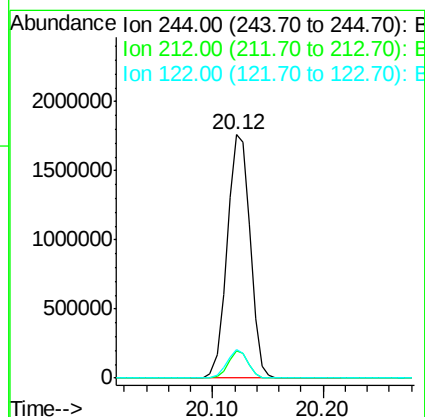
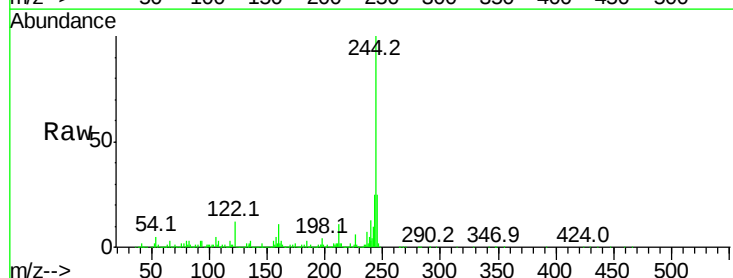
RT: 20.12 min Scan# 2941

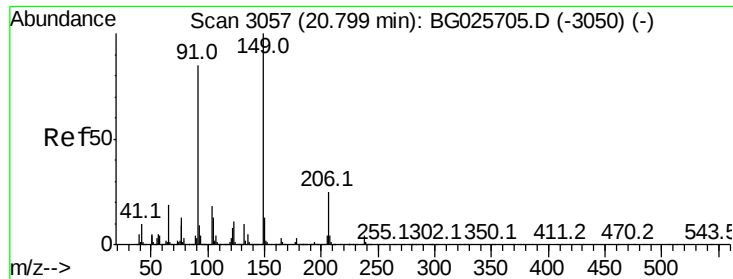
Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:244	Resp: 2560673
Ion Ratio	Lower Upper
244 100	
212 11.0	10.0 15.0
122 11.8	8.6 12.8





#79

Butylbenzylphthalate

Concen: 43.70 ng

RT: 20.80 min Scan# 3056

Delta R.T. -0.00 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

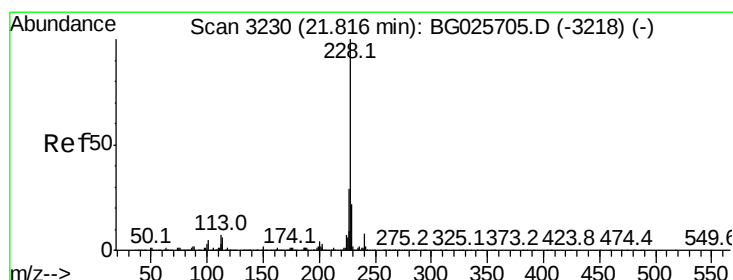
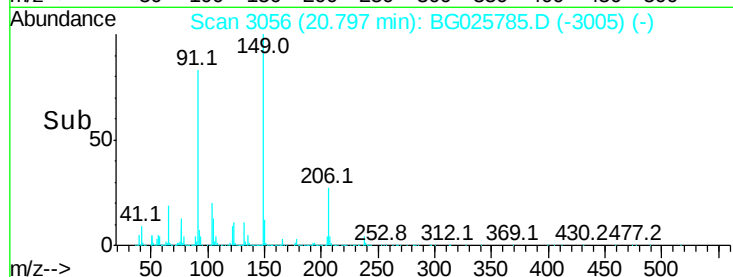
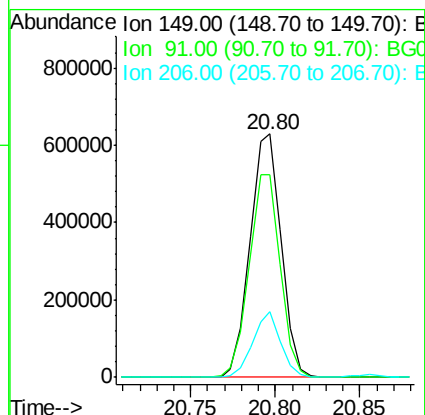
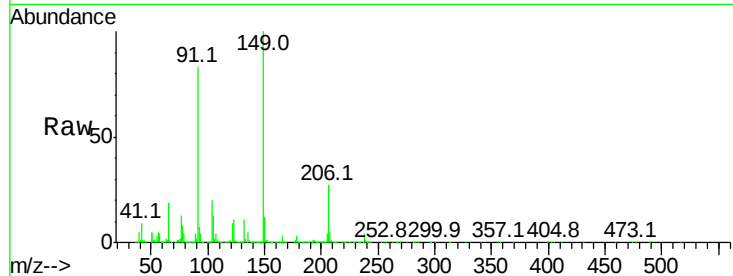
ClientSampleId :

PB96669BSD

Tot Ion:	149	Resp:	808542
Ion Ratio	Lower	Upper	
149	100		
91	83.1	63.5	95.3
206	26.9	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 41.37 ng

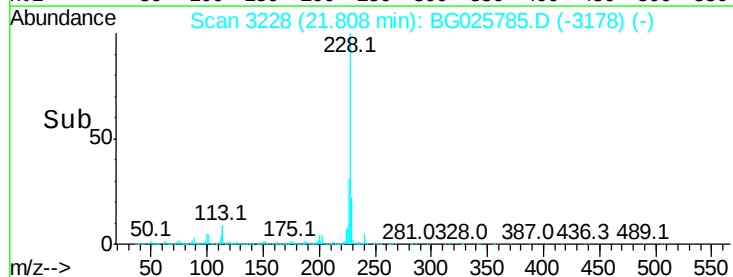
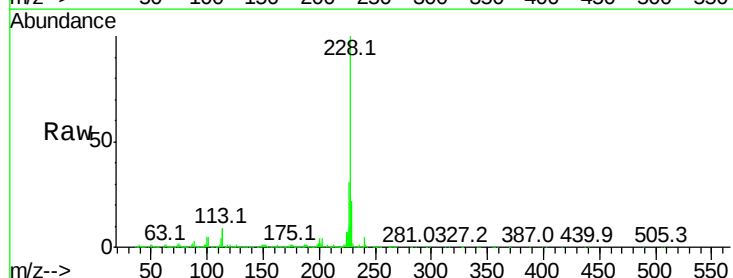
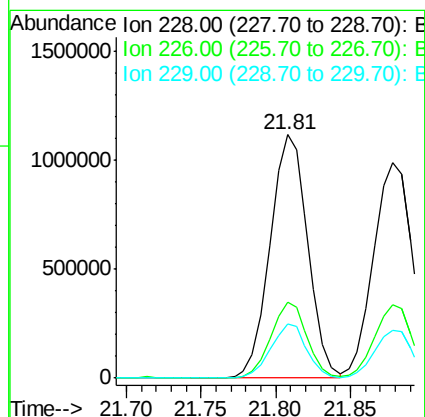
RT: 21.81 min Scan# 3228

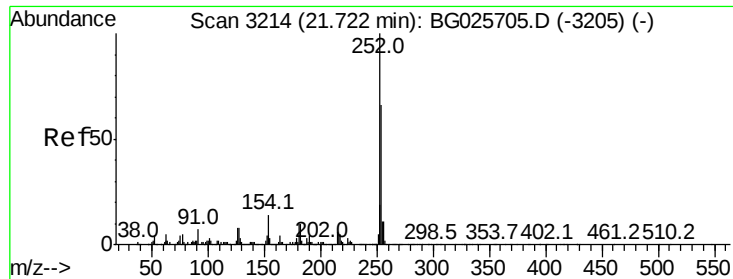
Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	228	Resp:	1960416
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.9	37.3
229	22.4	18.2	27.2





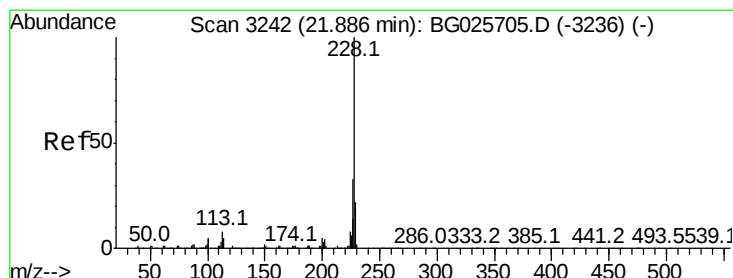
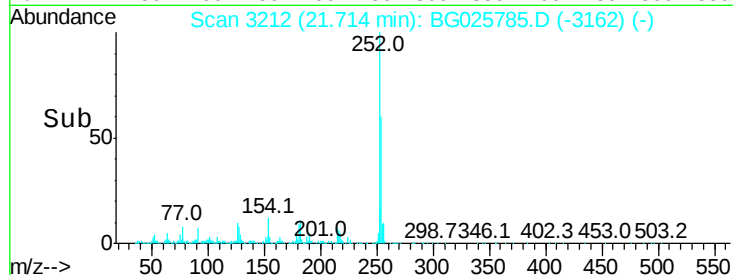
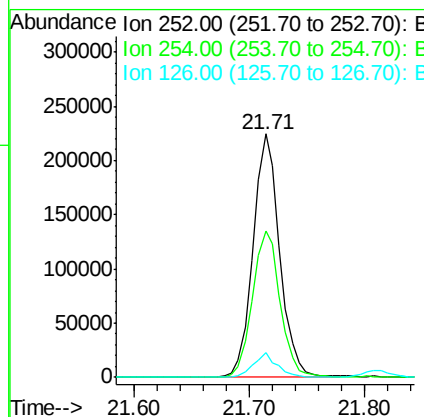
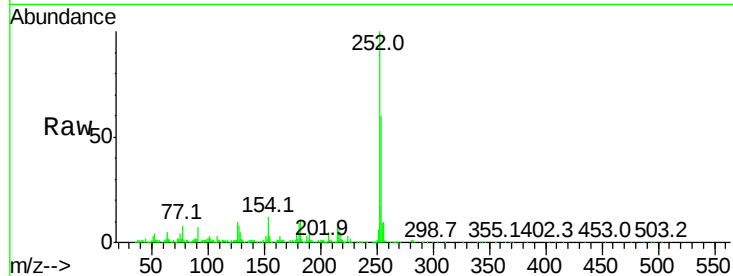
#81
 3,3'-Dichlorobenzidine
 Concen: 19.35 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.01 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BSD

Tot Ion:	252	Resp:	359789
Ion Ratio	Lower	Upper	
252	100		
254	60.1	53.1	79.7
126	10.0	7.0	10.4

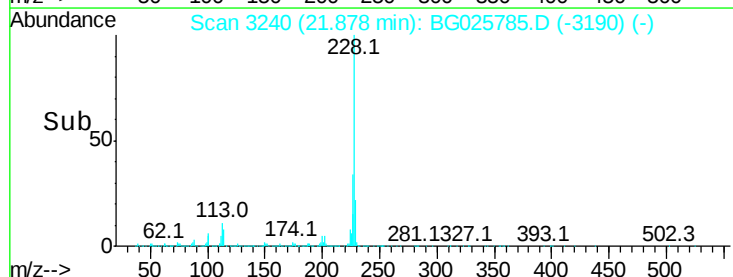
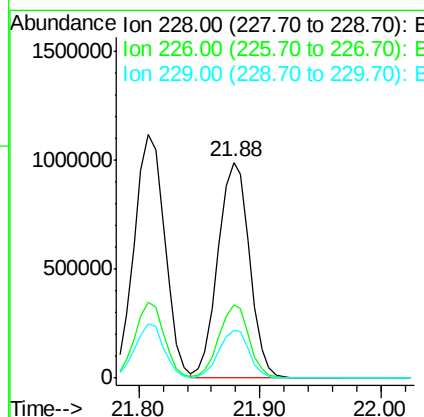
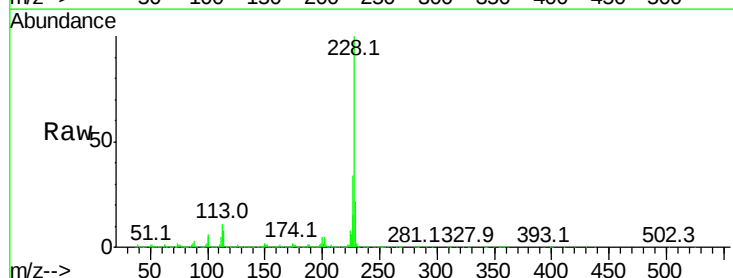
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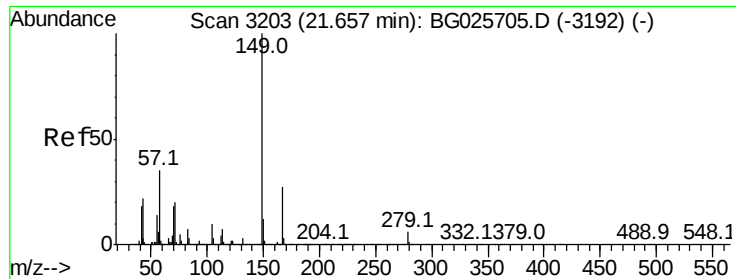
mohammad
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#82
 Chrysene
 Concen: 39.97 ng
 RT: 21.88 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Tgt Ion:	228	Resp:	1789928
Ion Ratio	Lower	Upper	
228	100		
226	33.8	27.0	40.4
229	21.8	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.85 ng

RT: 21.65 min Scan# 3201

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

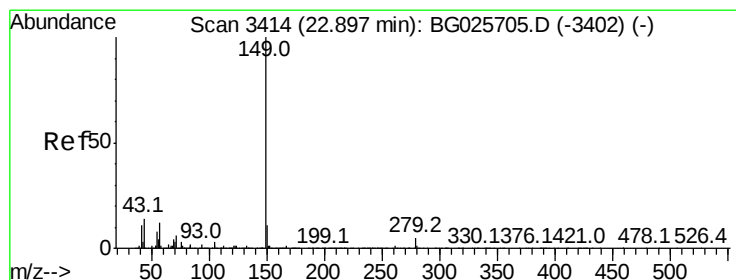
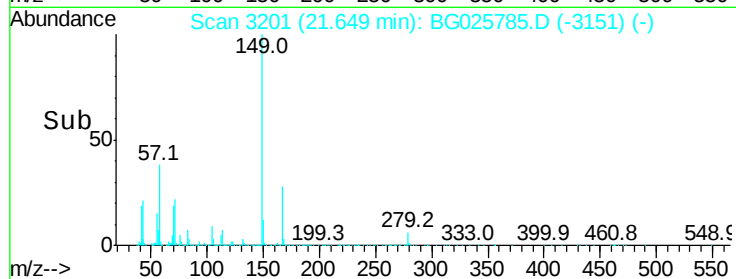
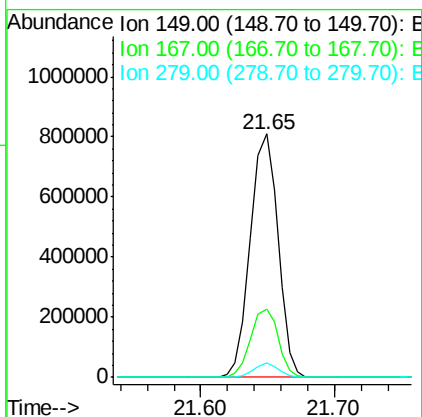
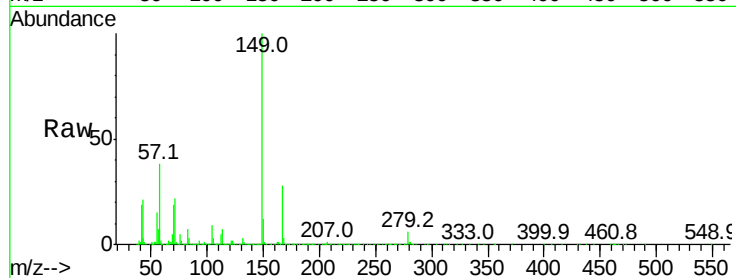
Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Tot Ion:149 Resp: 1155725

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.7	35.5
279	5.9	4.6	6.8

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#84

Di-n-octyl phthalate

Concen: 45.81 ng

RT: 22.89 min Scan# 3413

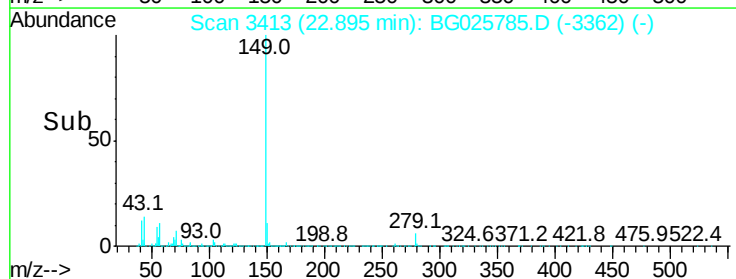
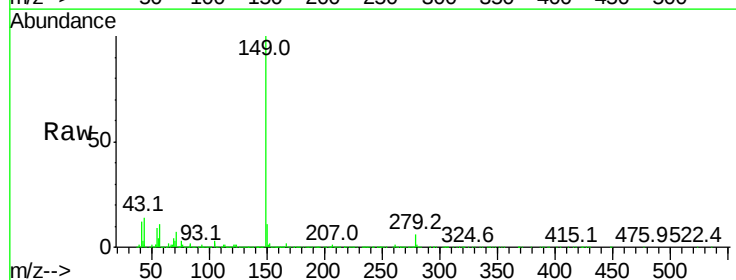
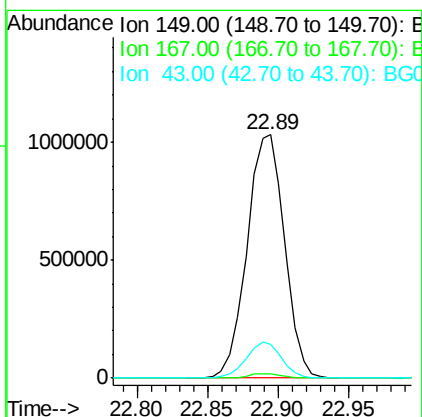
Delta R.T. -0.00 min

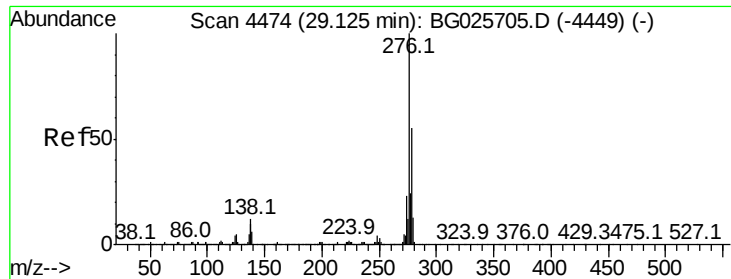
Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:149 Resp: 1917450

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	13.8	11.8	17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.29 ng

RT: 29.12 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

ClientSampleId :

PB96669BSD

Tot Ion:276 Resp: 2308965

Ion Ratio Lower Upper

276 100

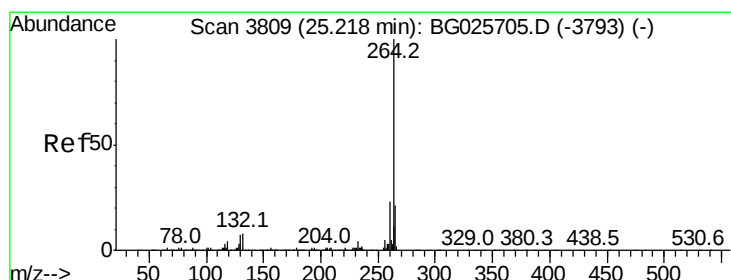
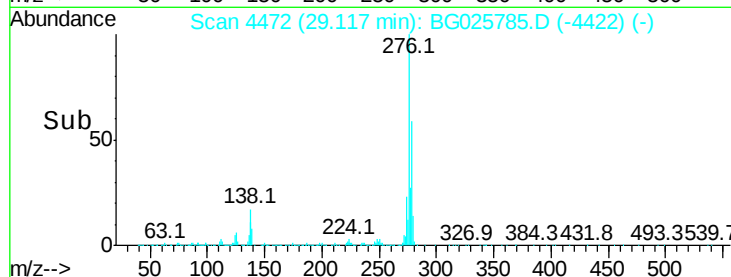
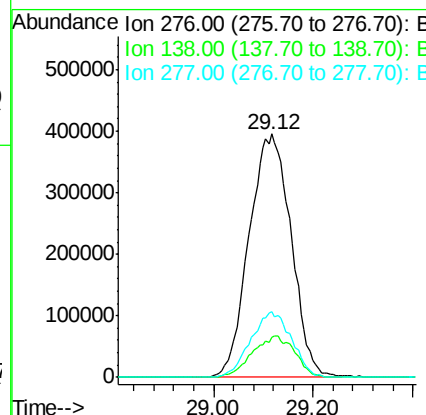
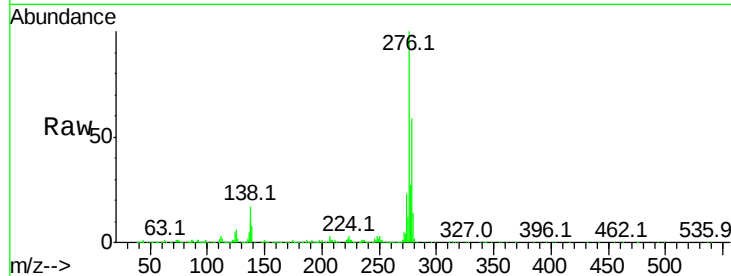
138 17.3 4.7 7.1#

277 26.3 20.6 31.0

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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: BG025785.D

Acq: 3 Feb 2017 8:42

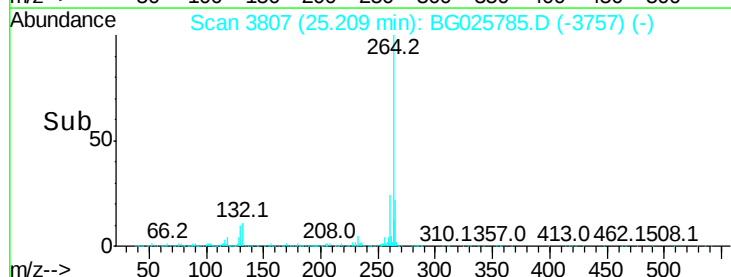
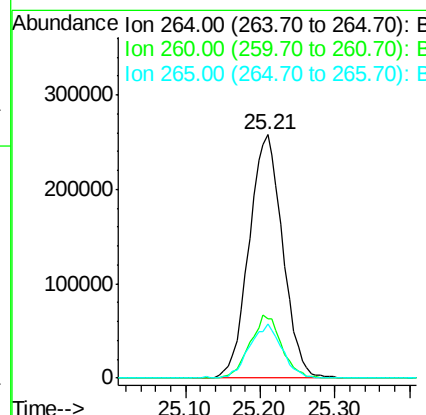
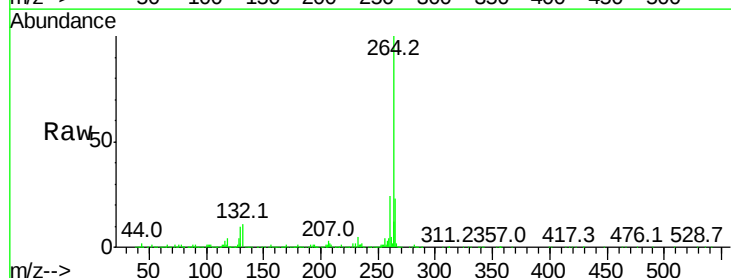
Tgt Ion:264 Resp: 804701

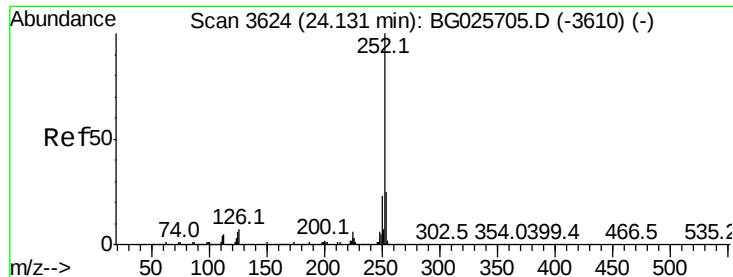
Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 22.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 42.62 ng

RT: 24.12 min Scan# 3622

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

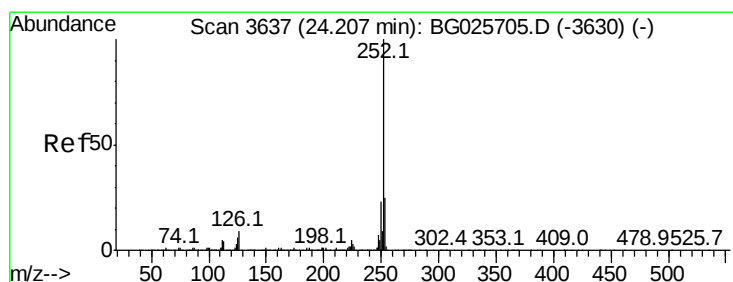
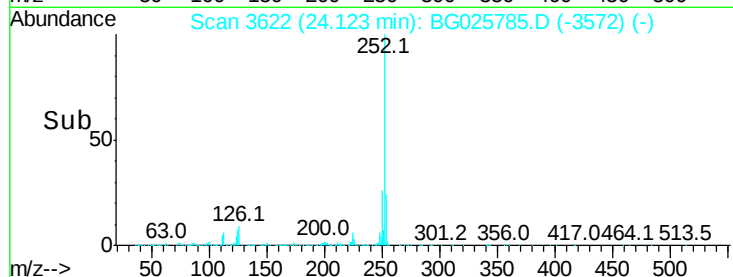
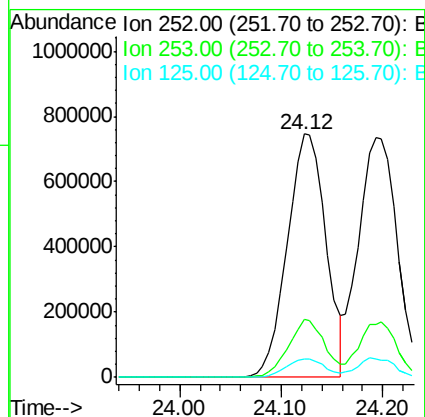
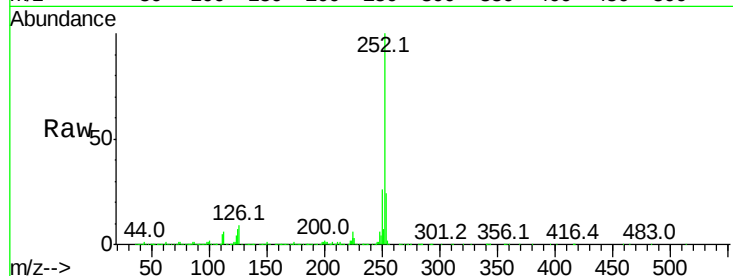
ClientSampleId :

PB96669BSD

Tot Ion:	252	Resp:	1982265
Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	7.5	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 42.76 ng m

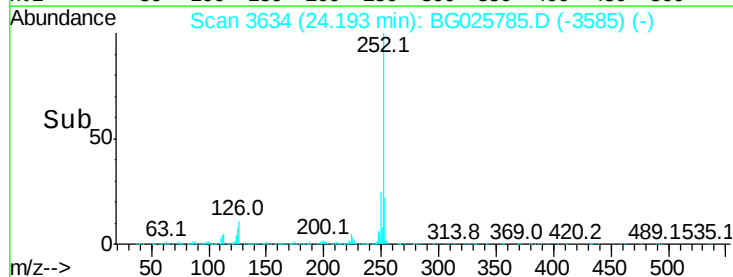
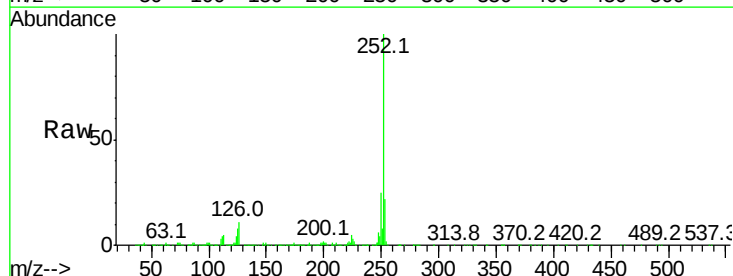
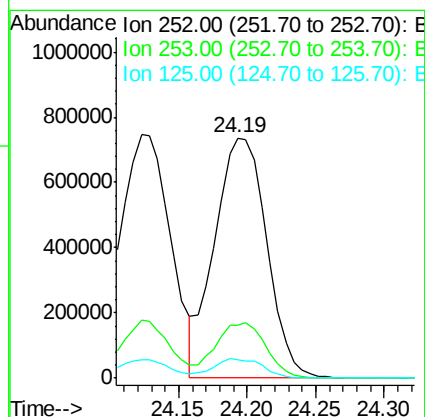
RT: 24.19 min Scan# 3634

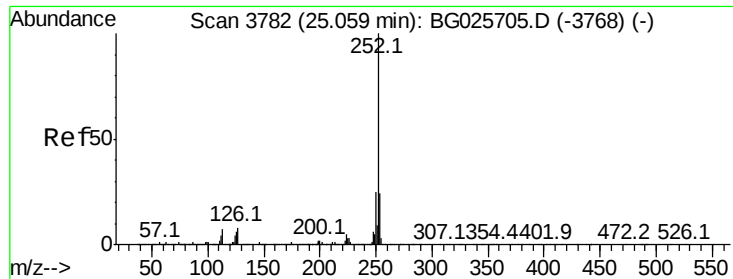
Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Tgt Ion:	252	Resp:	1946651
Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.2	30.2
125	7.9	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 42.60 ng

RT: 25.05 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

Instrument :

BNA_G

ClientSampleId :

PB96669BSD

Tot Ion:252 Resp: 1884688

Ion Ratio Lower Upper

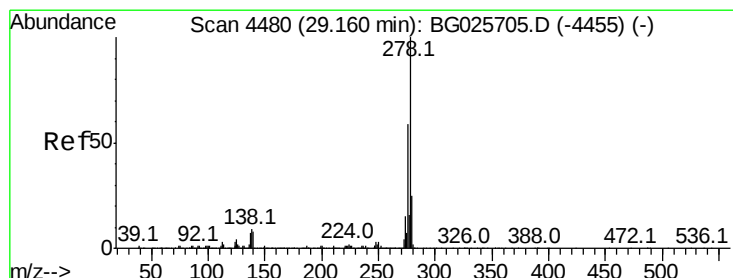
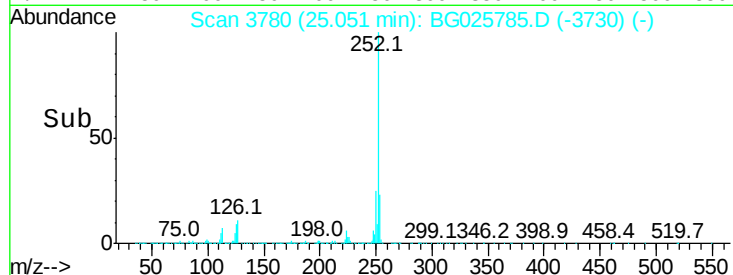
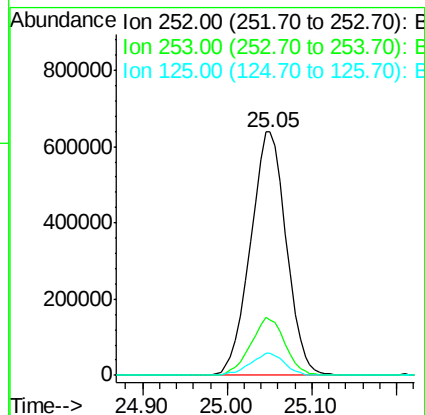
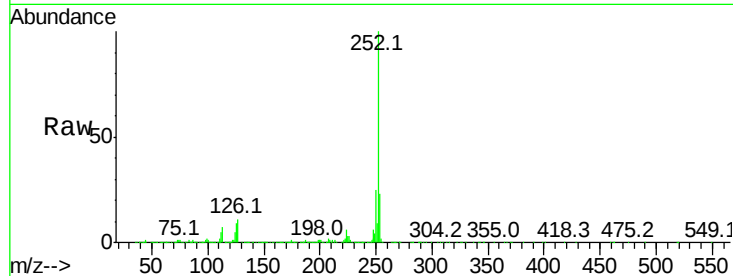
252 100

253 22.6 19.2 28.8

125 9.1 5.4 8.0#

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#90

Dibenzo(a,h)anthracene

Concen: 42.04 ng

RT: 29.15 min Scan# 4478

Delta R.T. -0.01 min

Lab File: BG025785.D

Acq: 3 Feb 2017 8:42

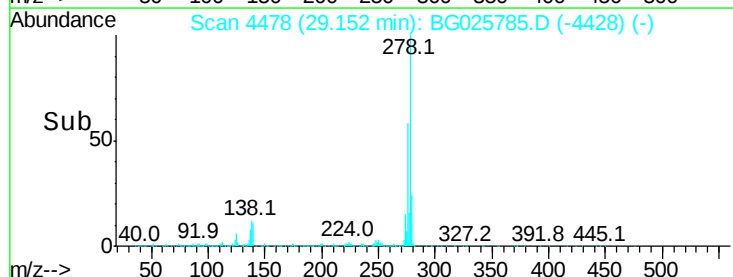
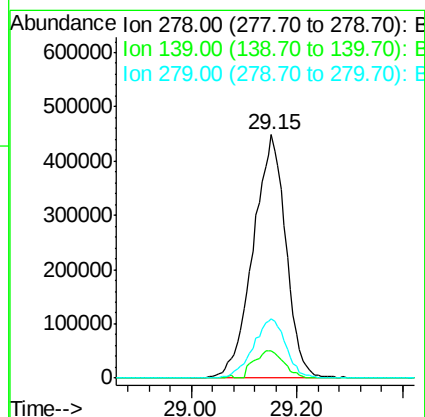
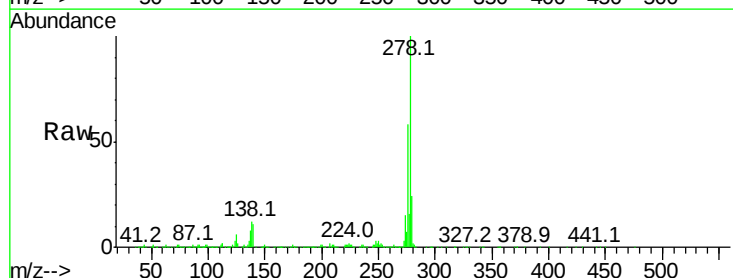
Tgt Ion:278 Resp: 1923371

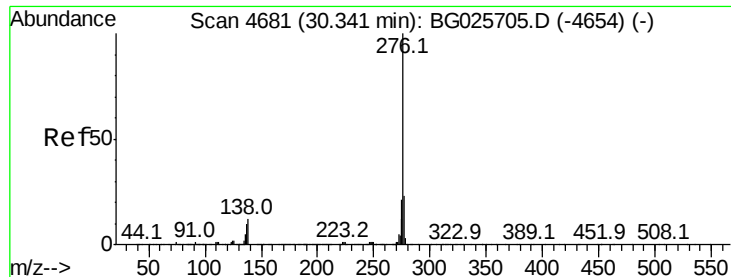
Ion Ratio Lower Upper

278 100

139 11.5 7.7 11.5

279 24.3 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 42.06 ng
 RT: 30.33 min Scan# 4678
 Delta R.T. -0.01 min
 Lab File: BG025785.D
 Acq: 3 Feb 2017 8:42

Instrument :
 BNA_G
 ClientSampleId :
 PB96669BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	27.8
138	15.9	8.1	12.1

Manual Integrations
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