

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025458.D
 Acq On : 10 Jan 2017 19:03
 Operator : UM/SJ
 Sample : PB95862BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BS

Manual Integrations
 APPROVED

mohammad
 1/11/2017 9:10:56 AM

Quant Time: Jan 10 23:14:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	49426	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	211647	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	170197	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	400612	20.00	ng	0.00
75) Chrysene-d12	21.86	240	594878	20.00	ng	0.00
86) Perylene-d12	25.26	264	642798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	430781	158.42	ng	0.00
7) Phenol-d6	7.36	99	608070	158.78	ng	0.00
23) Nitrobenzene-d5	9.38	82	440403	91.92	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	385477	140.68	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	986168	93.81	ng	0.00
78) Terphenyl-d14	20.15	244	1987788	88.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	47233	40.71	ng	94
3) Pyridine	3.99	79	140557	41.79	ng	97
4) n-Nitrosodimethylamine	3.91	42	85664	42.91	ng	# 96
6) Aniline	7.53	93	70385	13.56	ng	98
8) 2-Chlorophenol	7.77	128	146620	47.80	ng	96
9) Benzaldehyde	7.34	77	14848	5.30	ng	# 79
10) Phenol	7.38	94	213355	50.26	ng	92
11) bis(2-Chloroethyl)ether	7.61	93	140830	43.05	ng	92
12) 1,3-Dichlorobenzene	8.08	146	167317	45.07	ng	97
13) 1,4-Dichlorobenzene	8.24	146	164052	42.64	ng	99
14) 1,2-Dichlorobenzene	8.56	146	160513	43.72	ng	95
15) Benzyl Alcohol	8.45	79	156185	42.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.72	45	275916	45.55	ng	96
17) 2-Methylphenol	8.65	107	131284	47.09	ng	91
18) Hexachloroethane	9.28	117	65305	44.20	ng	91
19) n-Nitroso-di-n-propylamine	9.01	70	143644	44.41	ng	97
20) 3+4-Methylphenols	8.98	107	189057	49.00	ng	93
22) Acetophenone	9.03	105	243414	41.39	ng	# 93
24) Nitrobenzene	9.43	77	223533	42.54	ng	98
25) Isophorone	9.94	82	391272	45.11	ng	98
26) 2-Nitrophenol	10.14	139	89002	44.29	ng	89
27) 2,4-Dimethylphenol	10.19	122	163127	49.37	ng	97
28) bis(2-Chloroethoxy)methane	10.42	93	207460	46.05	ng	98
29) 2,4-Dichlorophenol	10.69	162	172814	48.87	ng	96
30) 1,2,4-Trichlorobenzene	10.88	180	183379	42.93	ng	89
31) Naphthalene	11.08	128	450789	42.65	ng	96
32) Benzoic acid	10.33	122	97160	36.57	ng	99
33) 4-Chloroaniline	11.22	127	18035	4.06	ng	99
34) Hexachlorobutadiene	11.33	225	146017	41.88	ng	95
35) Caprolactam	11.97	113	63762m	48.00	ng	
36) 4-Chloro-3-methylphenol	12.31	107	205027	46.98	ng	92
37) 2-Methylnaphthalene	12.67	142	351347	44.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	248621	44.25	ng	# 96
40) Hexachlorocyclopentadiene	12.99	237	229606	108.48	ng	96

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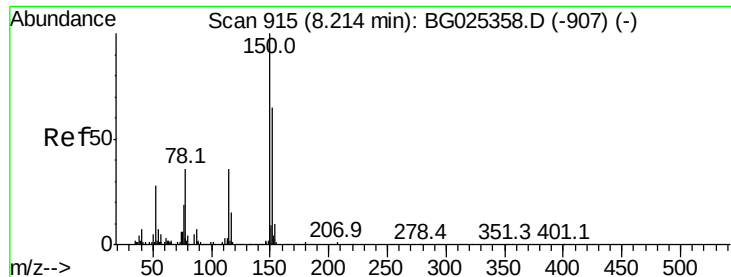
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	161067	45.52	nq	95
43) 2,4,5-Trichlorophenol	13.36	196	165913	44.80	nq	96
45) 1,1'-Biphenyl	13.66	154	515388	45.02	nq	93
46) 2-Chloronaphthalene	13.71	162	398479	44.55	nq	98
47) 2-Nitroaniline	13.93	65	165827	43.93	nq	96
48) Acenaphthylene	14.55	152	615539	44.41	nq	95
49) Dimethylphthalate	14.27	163	572074	46.11	nq	97
50) 2,6-Dinitrotoluene	14.41	165	123096	45.41	nq	97
51) Acenaphthene	14.89	154	387551	42.75	nq	97
52) 3-Nitroaniline	14.76	138	24525	9.41	nq	# 97
53) 2,4-Dinitrophenol	14.97	184	161359	90.10	nq	# 88
54) Dibenzofuran	15.22	168	662757	46.24	nq	96
55) 4-Nitrophenol	15.07	139	180906	92.95	nq	90
56) 2,4-Dinitrotoluene	15.21	165	189158	47.93	nq	# 95
57) Fluorene	15.87	166	542861	45.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	184767	46.57	nq	94
59) Diethylphthalate	15.62	149	598485	46.00	nq	96
60) 4-Chlorophenyl-phenylether	15.85	204	307111	45.16	nq	96
61) 4-Nitroaniline	15.92	138	105839	40.36	nq	# 83
62) Azobenzene	16.15	77	621744	49.55	nq	99
64) 4,6-Dinitro-2-methylphenol	15.97	198	124979	45.05	nq	94
65) n-Nitrosodiphenylamine	16.07	169	506805	46.80	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	229300	46.39	nq	99
67) Hexachlorobenzene	16.87	284	255701	45.09	nq	# 87
68) Atrazine	17.01	200	226681	47.78	nq	96
69) Pentachlorophenol	17.23	266	249380	84.82	nq	92
70) Phenanthrene	17.61	178	963503	46.67	nq	98
71) Anthracene	17.71	178	984114	46.92	nq	98
72) Carbazole	17.98	167	861430	45.91	nq	97
73) Di-n-butylphthalate	18.50	149	1064440	46.11	nq	# 95
74) Fluoranthene	19.61	202	1290004	47.31	nq	97
76) Benzidine	19.79	184	432759	29.16	nq	98
77) Pyrene	19.98	202	1319978	42.46	nq	98
79) Butylbenzylphthalate	20.82	149	558302	44.72	nq	93
80) Benzo(a)anthracene	21.84	228	1503359	45.31	nq	96
81) 3,3'-Dichlorobenzidine	21.75	252	303199	23.53	nq	95
82) Chrysene	21.91	228	1399803	43.99	nq	96
83) Bis(2-ethylhexyl)phthalate	21.69	149	802519	46.19	nq	97
84) Di-n-octyl phthalate	22.94	149	1389706	48.18	nq	95
85) Indeno(1,2,3-cd)pyrene	29.19	276	1927436	47.65	nq	99
87) Benzo(b)fluoranthene	24.17	252	1585444	45.21	nq	# 98
88) Benzo(k)fluoranthene	24.25	252	1554432	45.89	nq	# 96
89) Benzo(a)pyrene	25.10	252	1547664	45.69	nq	96
90) Dibenzo(a,h)anthracene	29.23	278	1638068	45.63	nq	98
91) Benzo(g,h,i)perylene	30.41	276	1613005	45.21	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

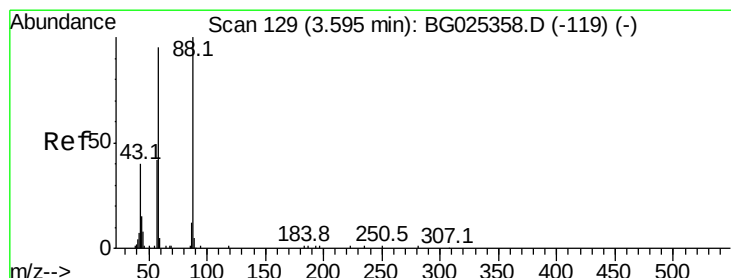
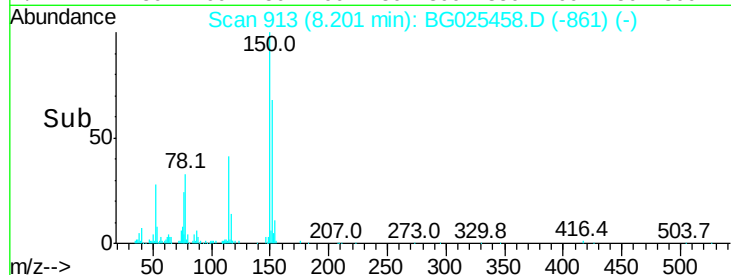
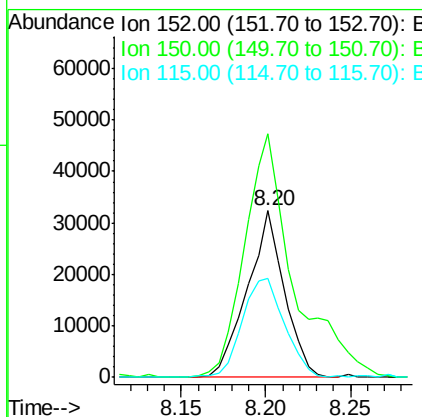
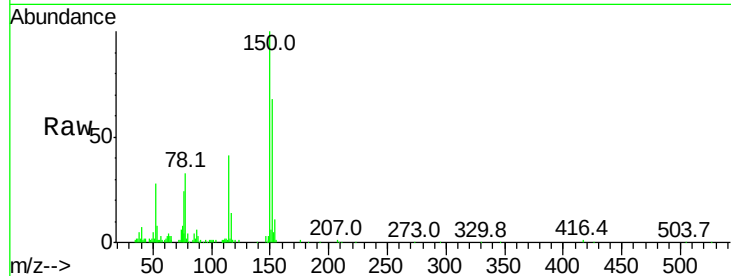
ClientSampleId :

PB95862BS

Tot Ion:	152	Resp:	49426
Ion	Ratio	Lower	Upper
152	100		
150	146.4	114.0	171.0
115	59.4	48.1	72.1

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#2

1,4-Dioxane

Concen: 40.71 ng

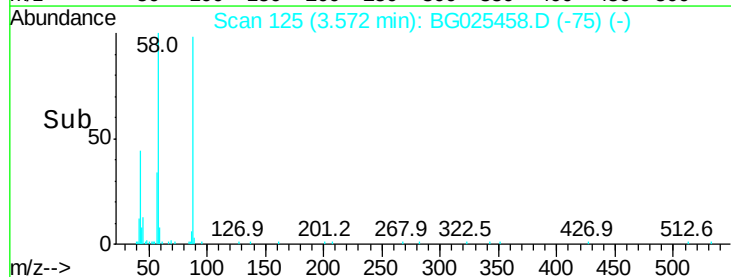
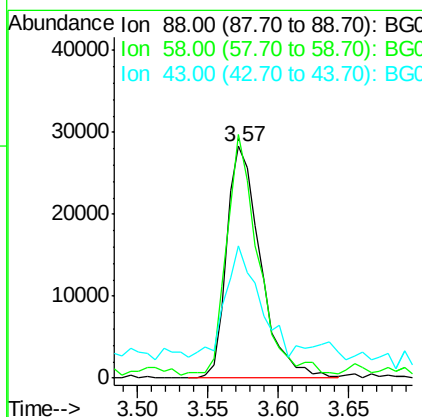
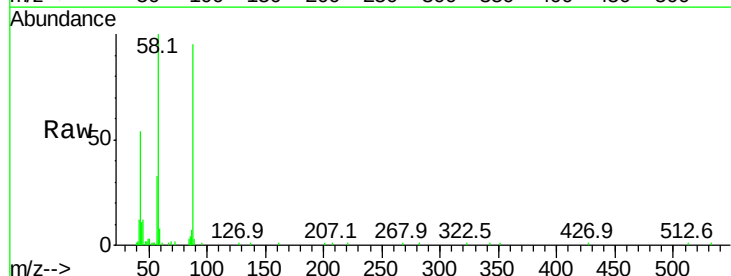
RT: 3.57 min Scan# 125

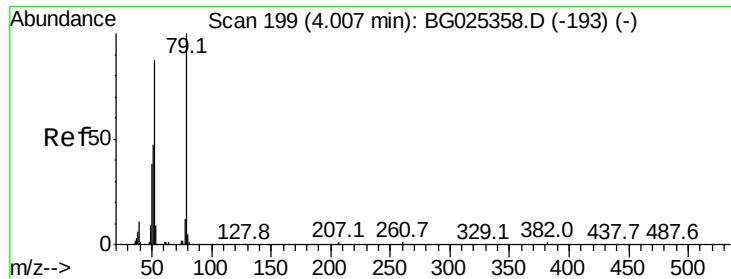
Delta R.T. -0.01 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	88	Resp:	47233
Ion	Ratio	Lower	Upper
88	100		
58	95.6	79.4	119.2
43	49.7	33.8	50.6





#3

Pvridine

Concen: 41.79 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

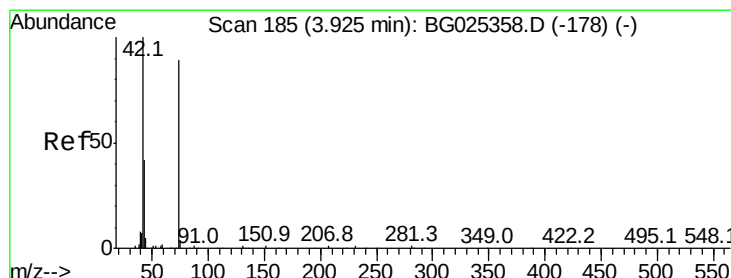
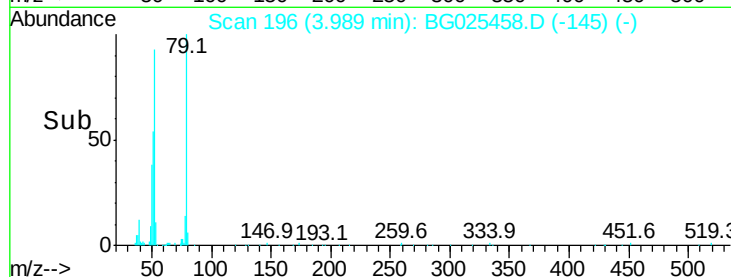
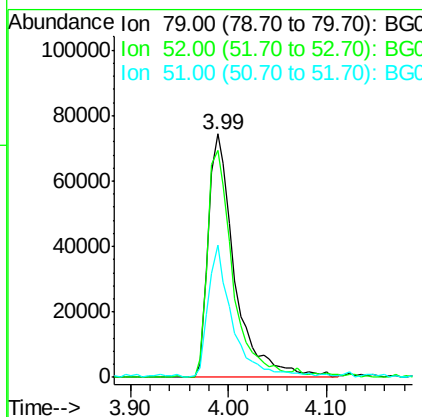
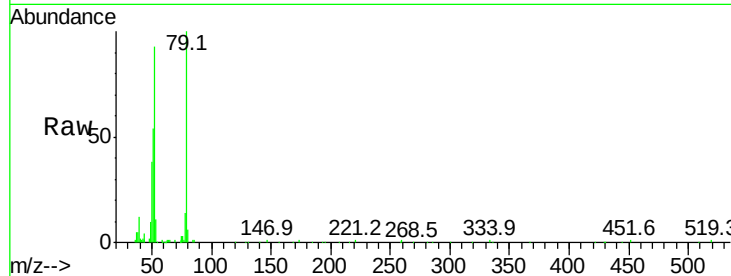
ClientSampleId :

PB95862BS

Tot Ion:	79	Resp:	140557
Ion Ratio	Lower	Upper	
79	100		
52	93.0	77.8	116.6
51	54.3	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 42.91 ng

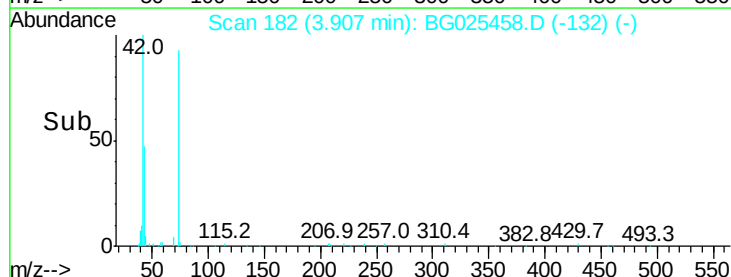
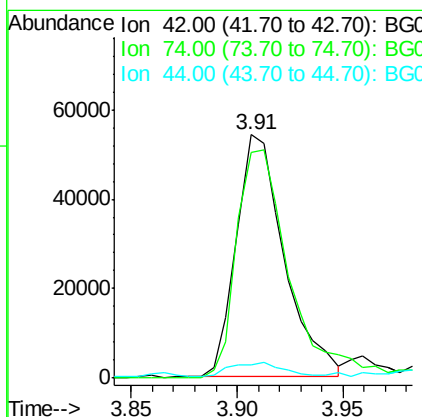
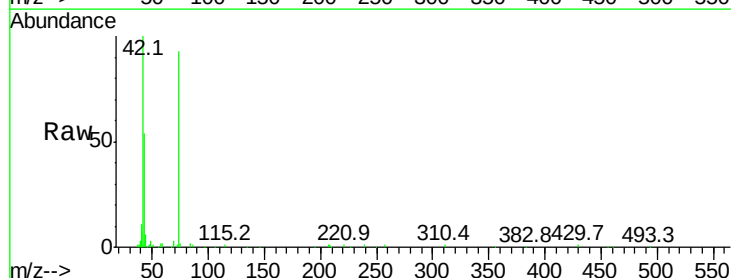
RT: 3.91 min Scan# 182

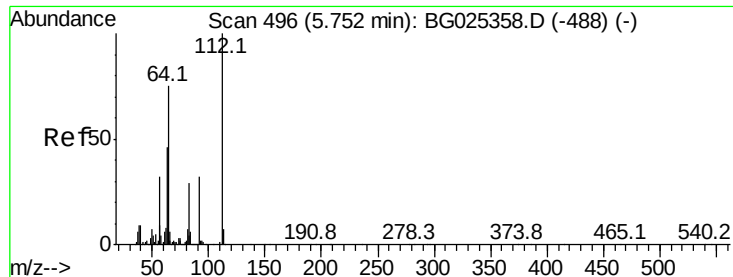
Delta R.T. -0.01 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	42	Resp:	85664
Ion Ratio	Lower	Upper	
42	100		
74	92.6	76.7	115.1
44	5.6	6.1	9.1#





#5

2-Fluorophenol

Concen: 158.42 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

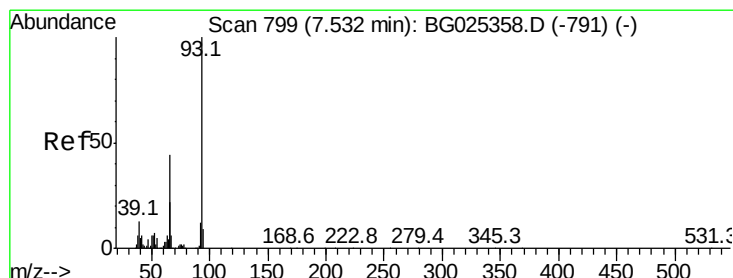
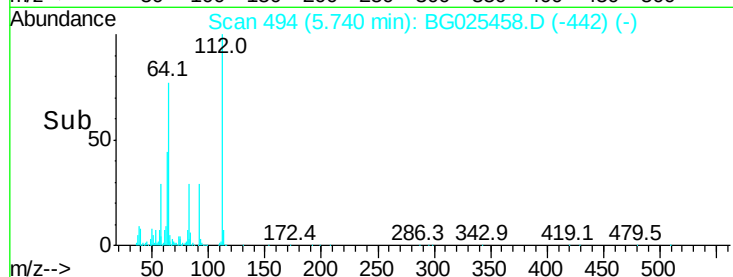
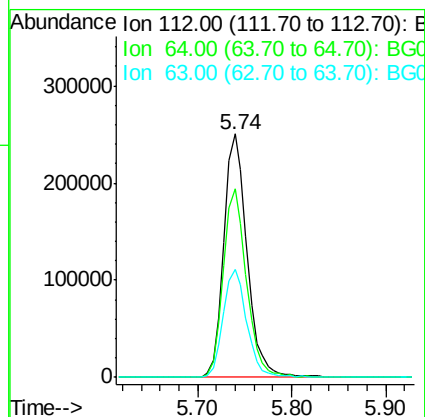
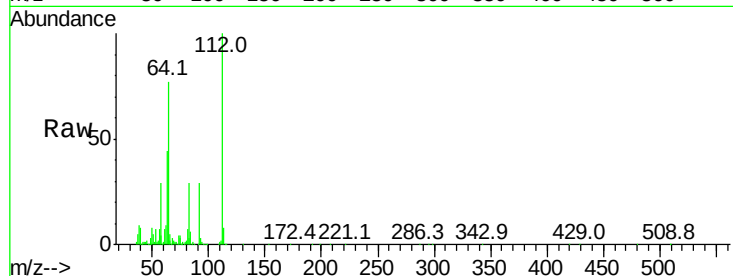
ClientSampleId :

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Tot Ion:	112	Resp:	430781
Ion Ratio	Lower	Upper	
112	100		
64	77.4	61.8	92.6
63	44.3	37.2	55.8

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#6

Aniline

Concen: 13.56 ng

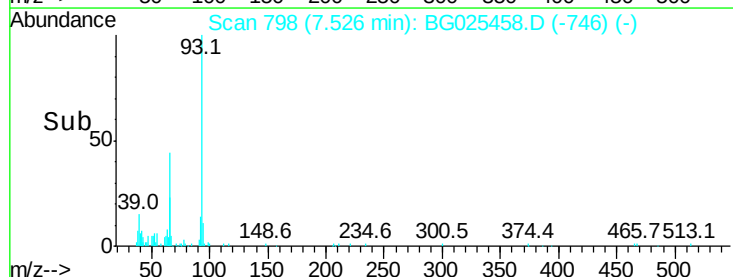
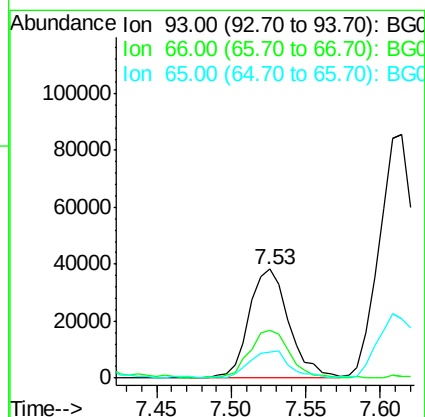
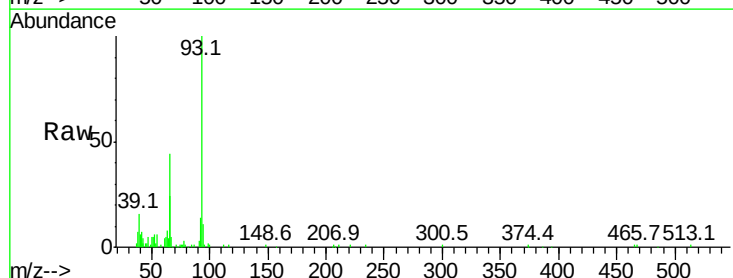
RT: 7.53 min Scan# 798

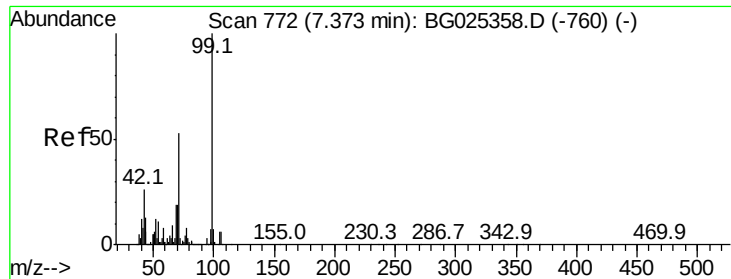
Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	93	Resp:	70385
Ion Ratio	Lower	Upper	
93	100		
66	44.0	35.4	53.2
65	23.5	21.2	31.8





#7

Phenol-d6

Concen: 158.78 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

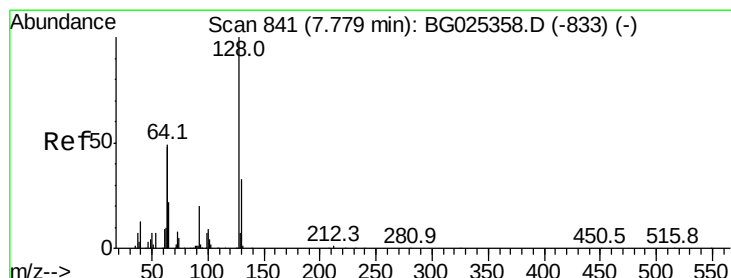
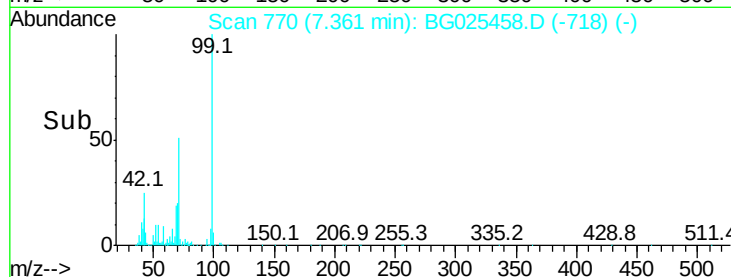
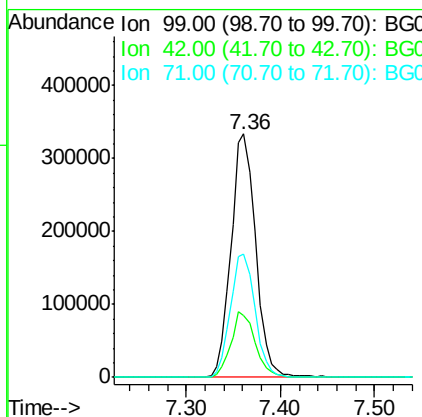
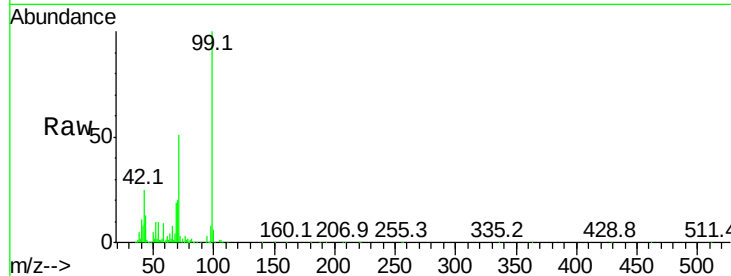
ClientSampleId :

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Tot Ion:	99	Resp:	608070
Ion Ratio	Lower	Upper	
99	100		
42	25.5	20.5	30.7
71	50.6	37.6	56.4

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#8

2-Chlorophenol

Concen: 47.80 ng

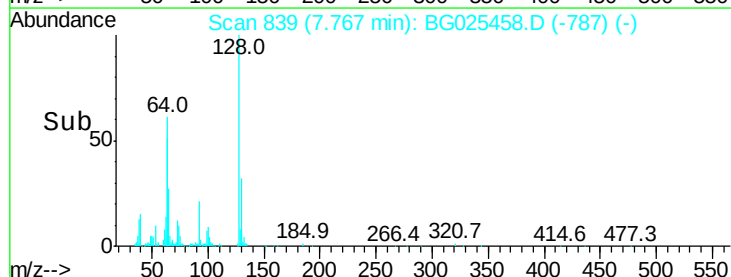
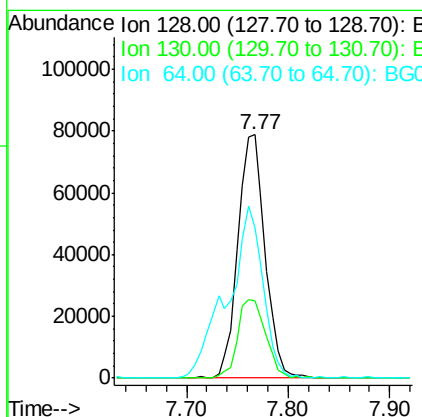
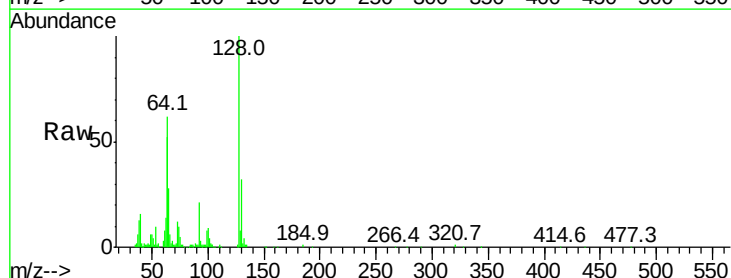
RT: 7.77 min Scan# 839

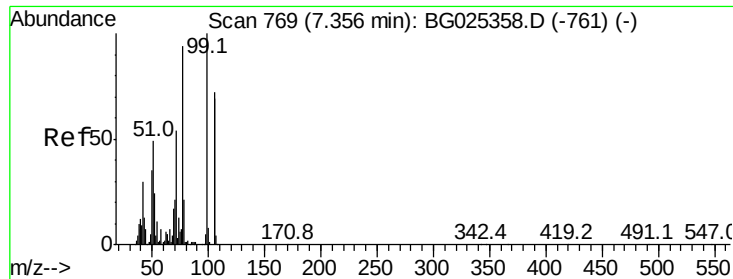
Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	128	Resp:	146620
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.4	51.4
64	61.9	46.6	86.6





#9

Benzaldehyde

Concen: 5.30 ng

RT: 7.34 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

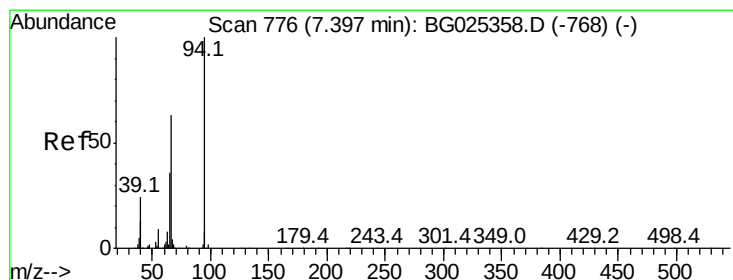
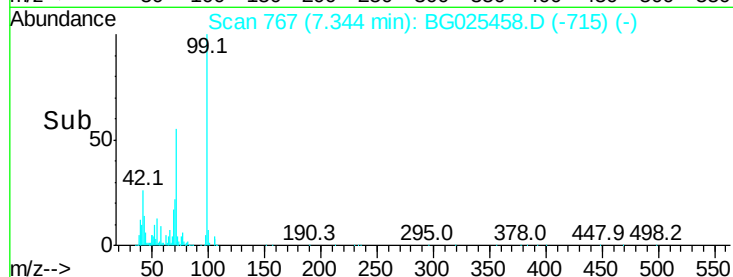
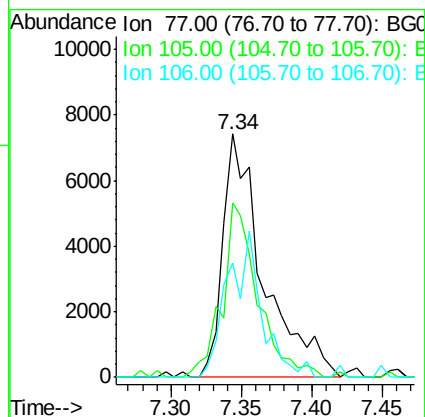
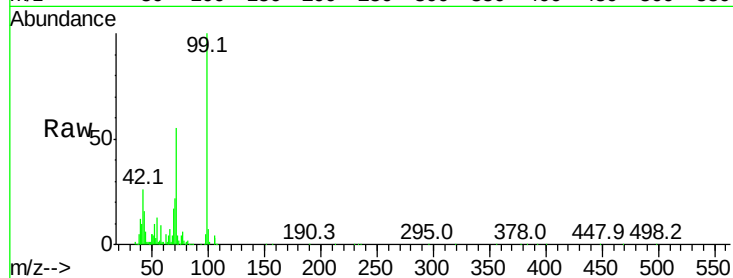
ClientSampleID :

PB95862BS

Tot Ion:	77	Resp:	14848
Ion	Ratio	Lower	Upper
77	100		
105	71.7	60.9	100.9
106	46.7	55.1	95.1#

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#10

Phenol

Concen: 50.26 ng

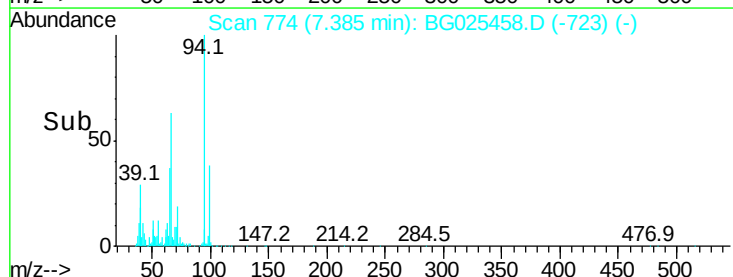
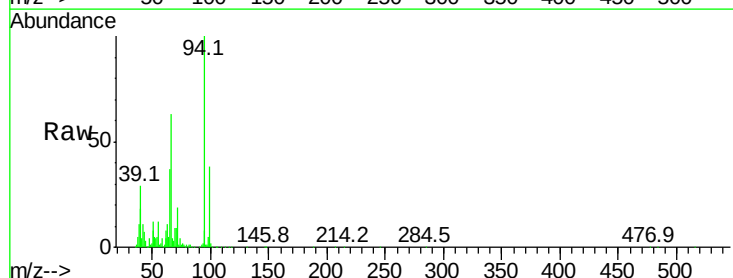
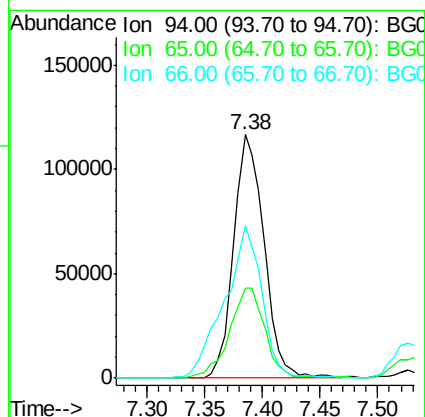
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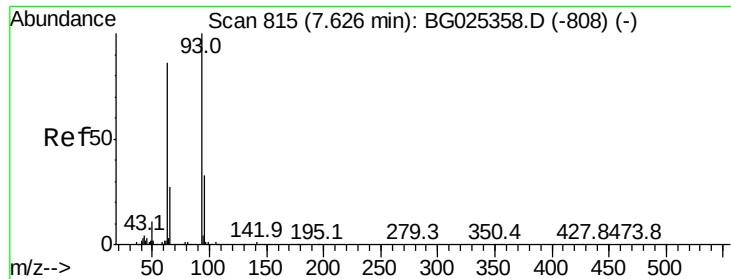
Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	94	Resp:	213355
Ion	Ratio	Lower	Upper
94	100		
65	36.9	20.6	60.6
66	63.0	35.5	75.5





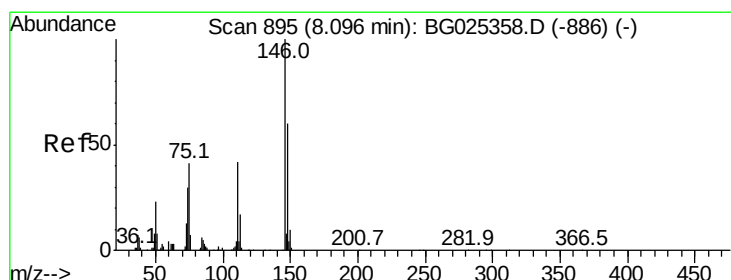
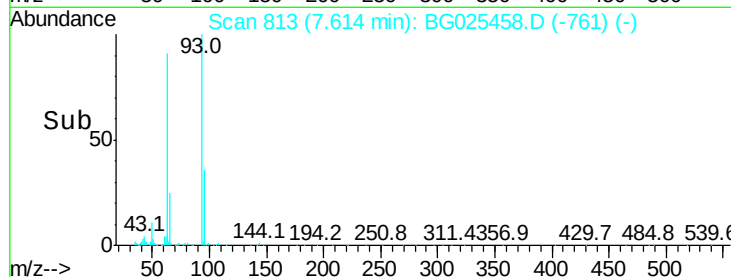
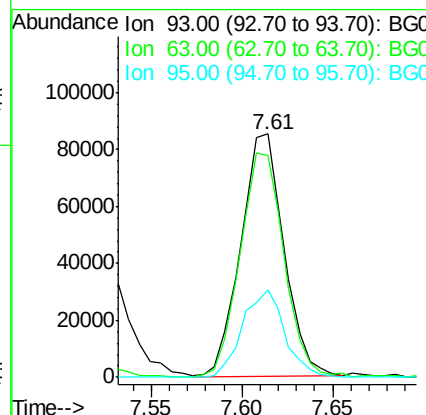
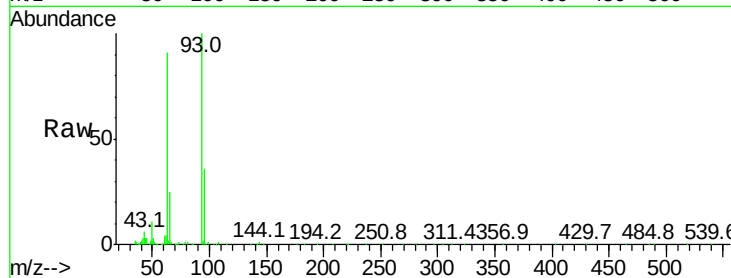
#11
bis(2-Chloroethyl)ether
Concen: 43.05 ng
RT: 7.61 min Scan# 813
Delta R.T. 0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.0	78.5	118.5
95	35.7	9.8	49.8

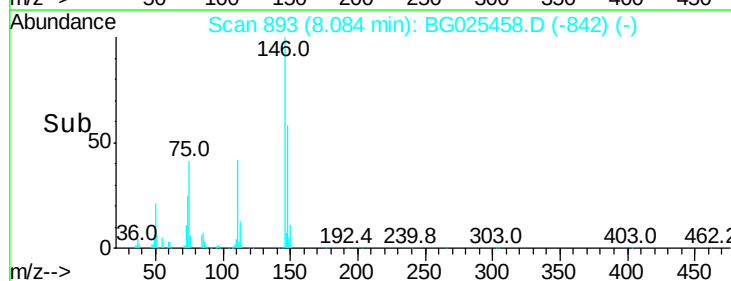
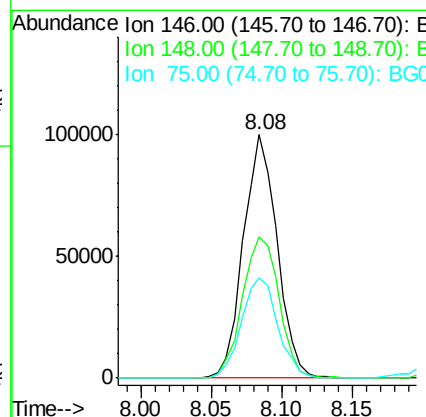
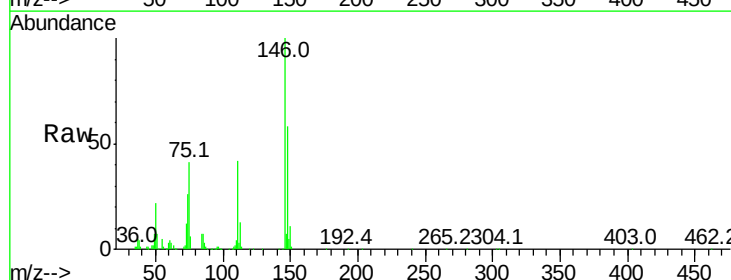
Manual Integrations
APPROVED

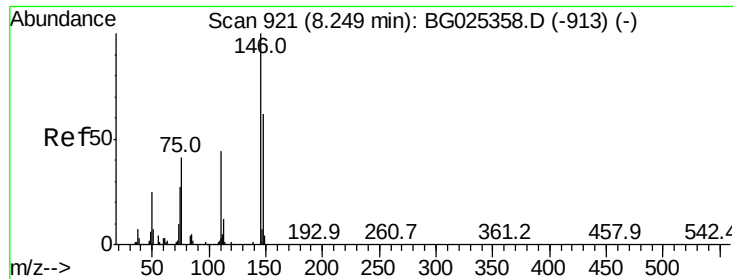
mohammad
1/11/2017 9:10:56 AM



#12
1,3-Dichlorobenzene
Concen: 45.07 ng
RT: 8.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.0	49.2	73.8
75	41.4	33.4	50.2





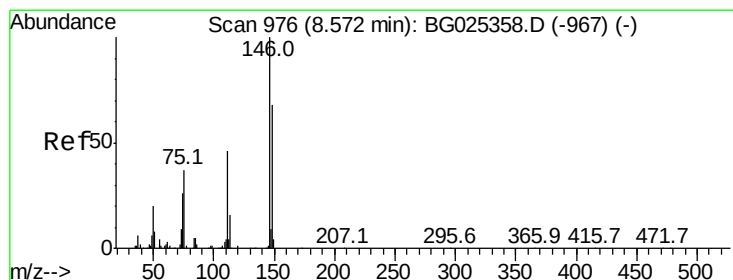
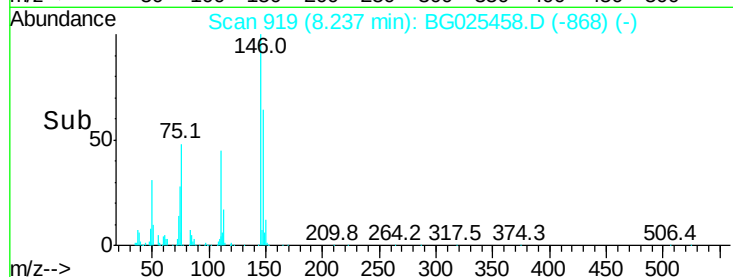
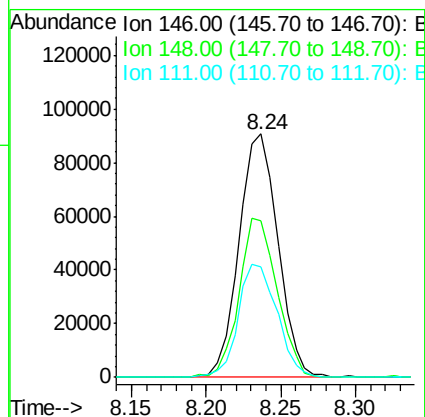
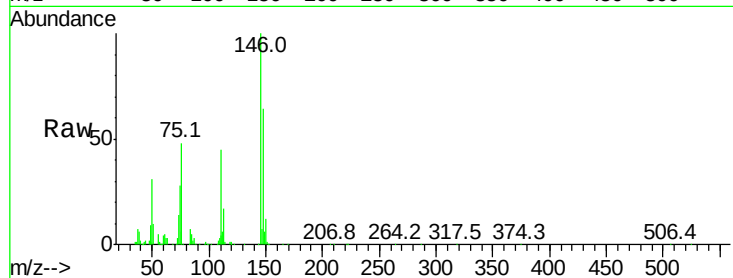
#13
1,4-Dichlorobenzene
Concen: 42.64 ng
RT: 8.24 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	45.2	37.0	55.6

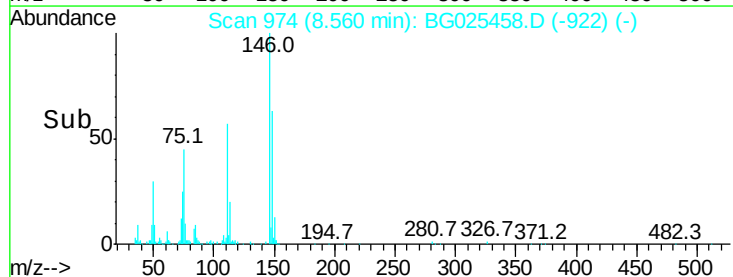
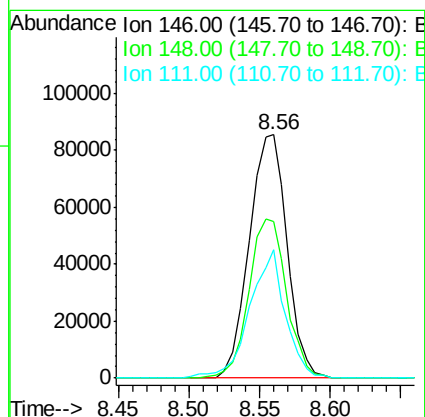
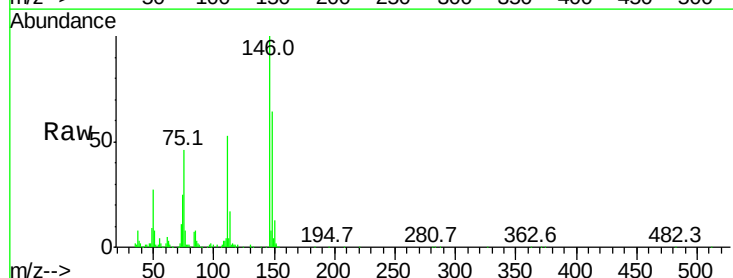
Manual Integrations
APPROVED

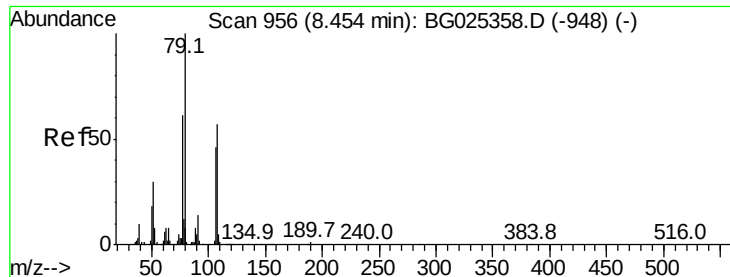
mohammad
1/11/2017 9:10:56 AM



#14
1,2-Dichlorobenzene
Concen: 43.72 ng
RT: 8.56 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	54.6	81.8
111	52.9	39.7	59.5





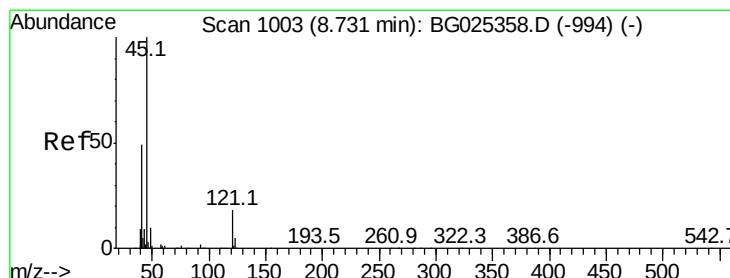
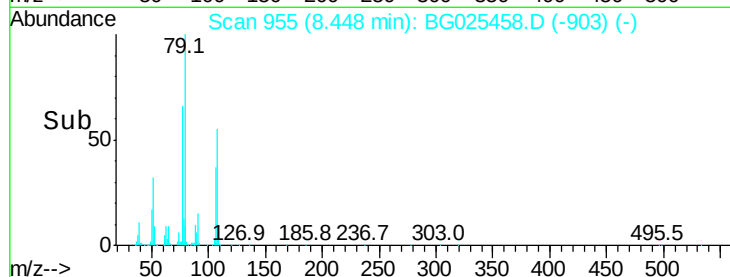
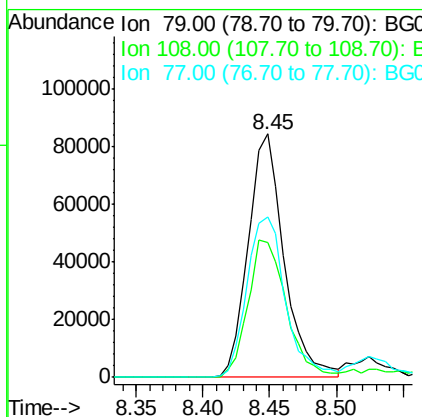
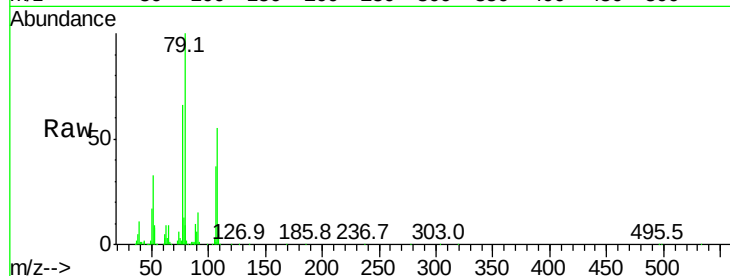
#15
Benzyl Alcohol
Concen: 42.72 ng
RT: 8.45 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	55.2	45.5	68.3
77	66.1	54.3	81.5

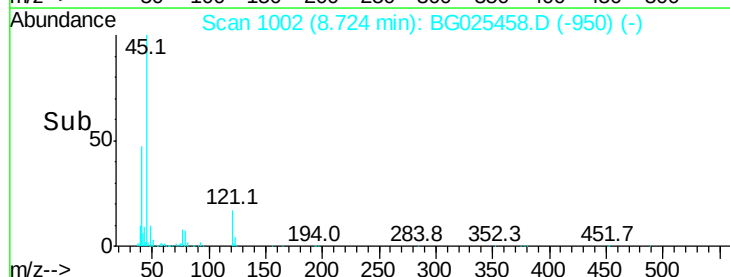
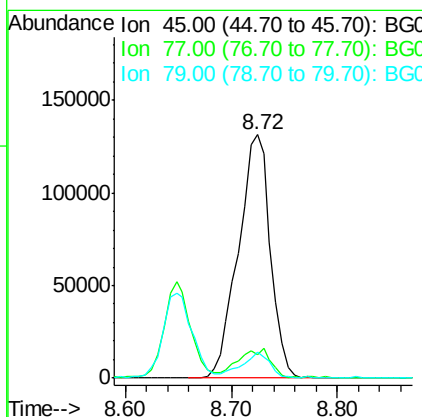
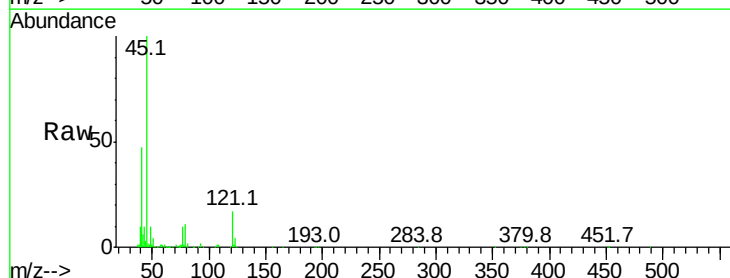
Manual Integrations
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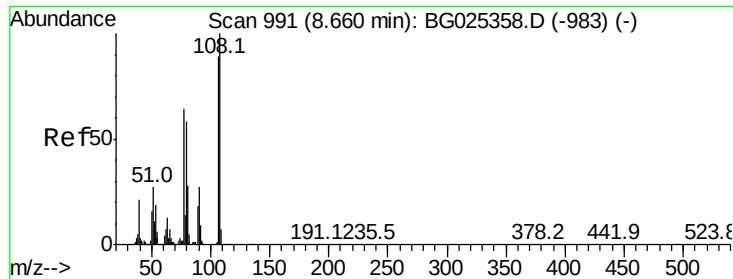
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.55 ng
RT: 8.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.6
79	10.5	0.0	28.5





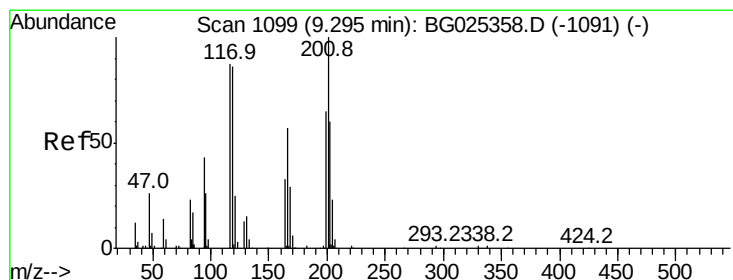
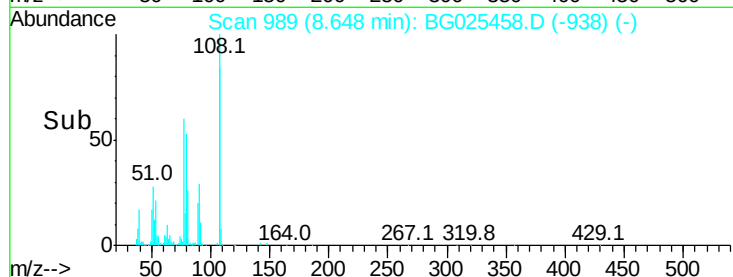
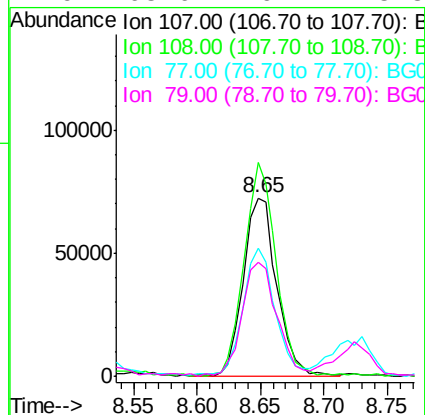
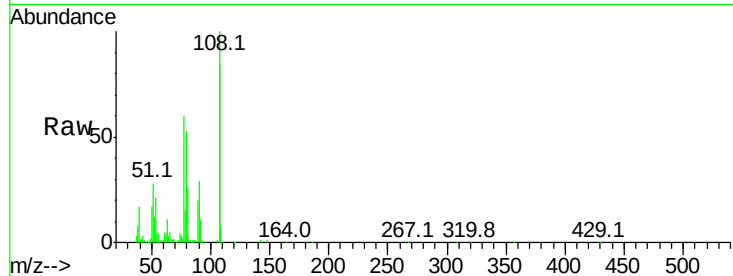
#17
2-Methylphenol
Concen: 47.09 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	119.7	85.6	128.4	
77	71.5	51.4	77.2	
79	63.6	49.2	73.8	

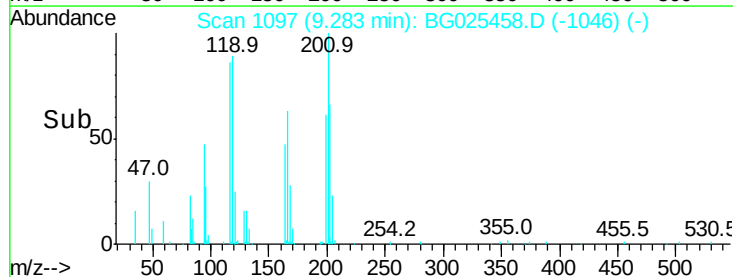
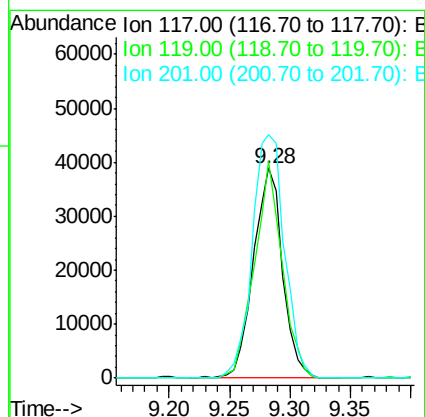
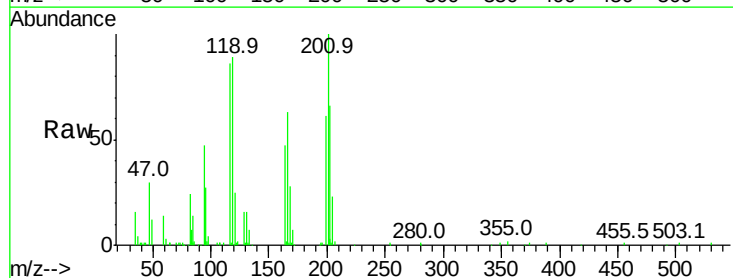
Manual Integrations
APPROVED

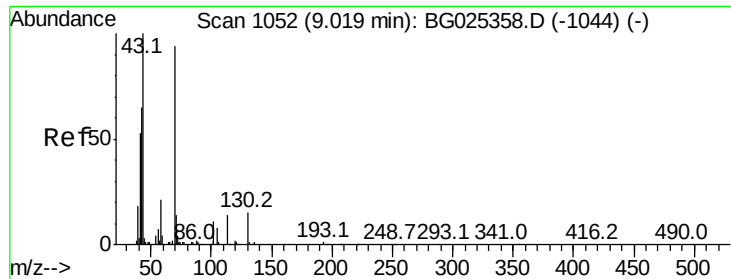
mohammad
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#18
Hexachloroethane
Concen: 44.20 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.1	69.8	104.6	
201	115.9	95.4	143.0	





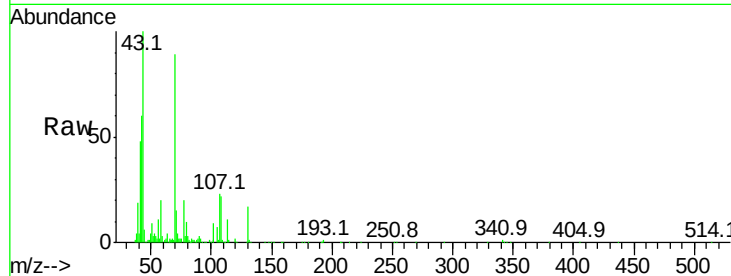
#19
n-Nitroso-di-n-propylamine
Concen: 44.41 ng
RT: 9.01 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.6	56.1	84.1	
101	9.7	7.5	11.3	
130	18.7	14.6	21.8	

Manual Integrations
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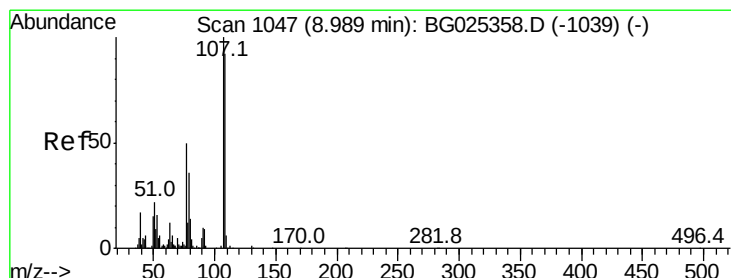
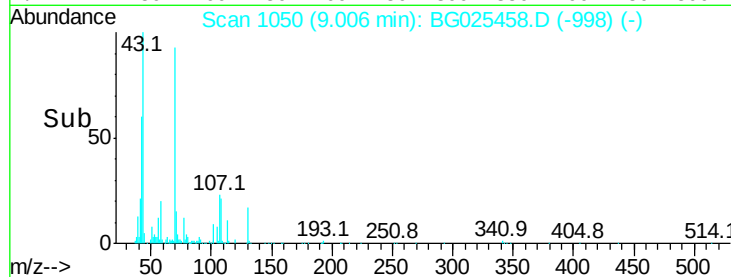
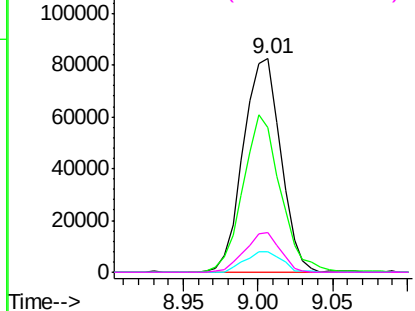
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 49.00 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.2	70.8	110.8	
77	44.0	25.8	65.8	
79	37.6	20.1	60.1	

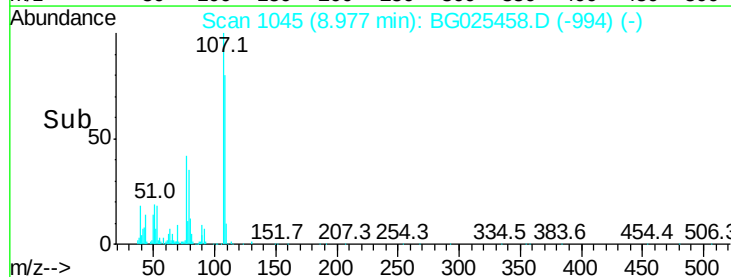
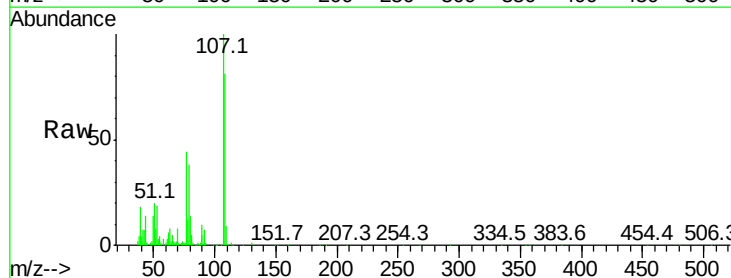
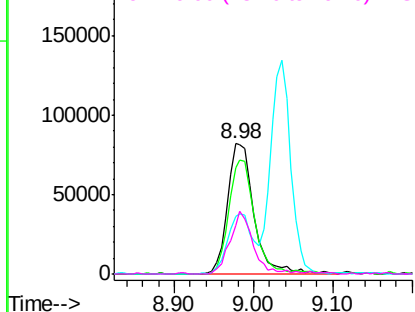
Abundance

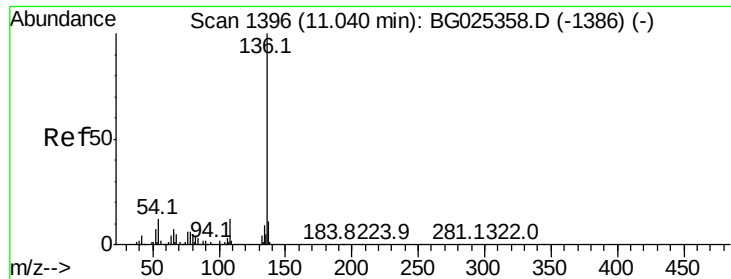
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





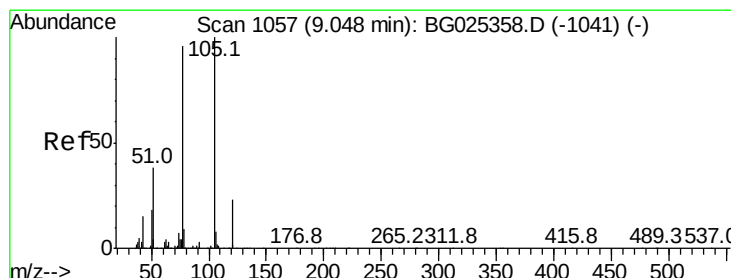
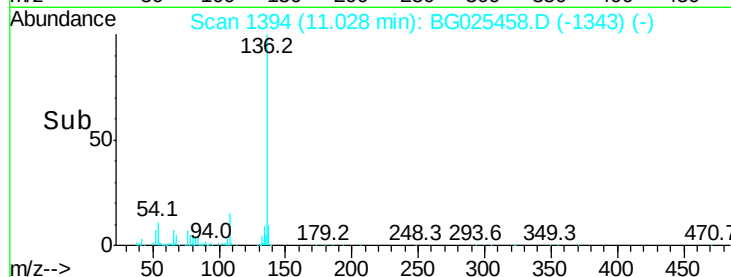
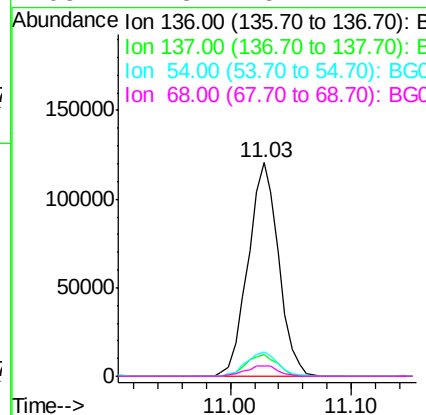
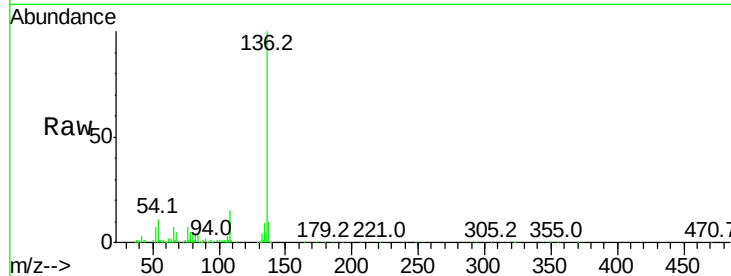
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	211647		
137	10.0	8.9	13.3	
54	11.1	9.3	13.9	
68	4.8	5.1	7.7#	

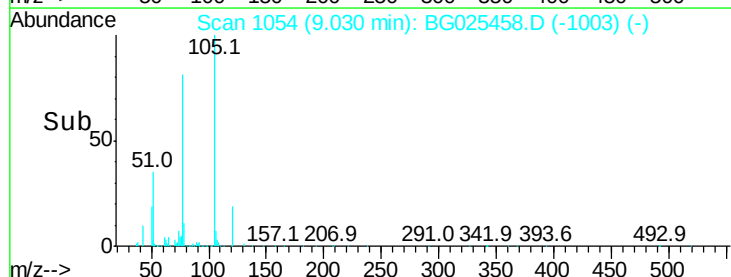
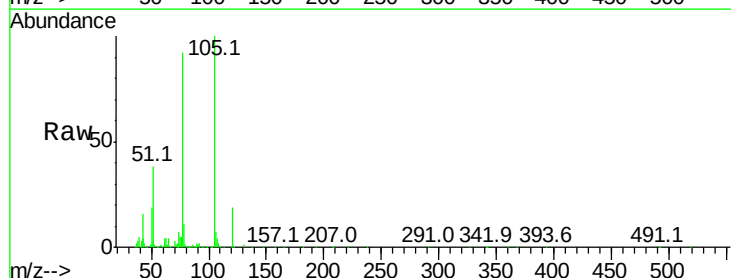
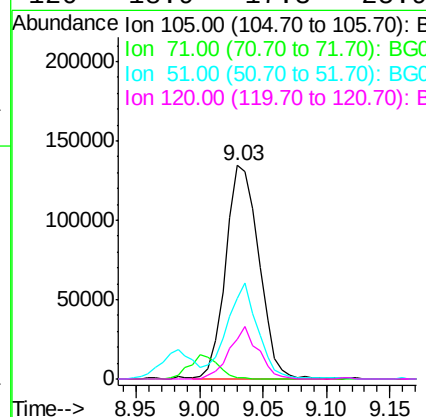
Manual Integrations
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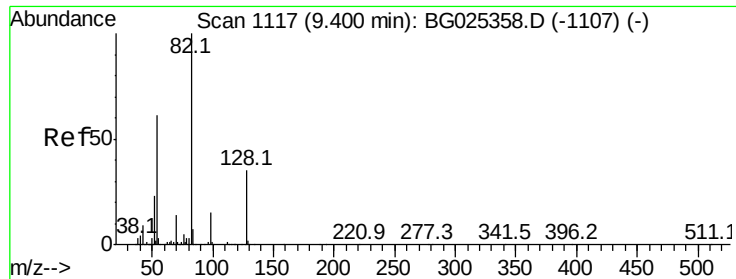
mohammad
1/11/2017 9:10:56 AM



#22
Acetophenone
Concen: 41.39 ng
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243414		
71	0.5	0.9	1.3#	
51	37.8	34.0	51.0	
120	18.9	17.3	25.9	





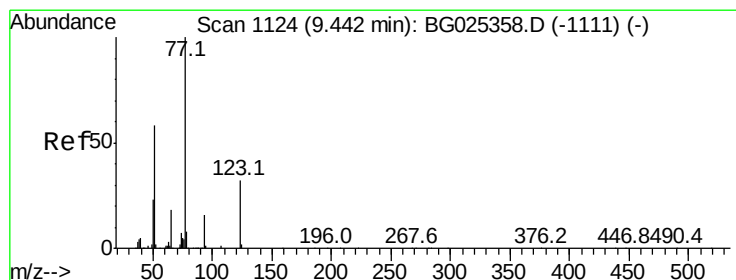
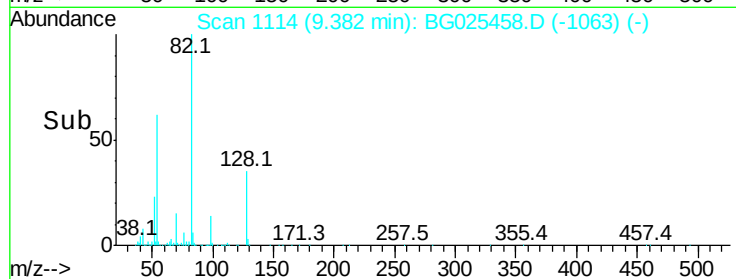
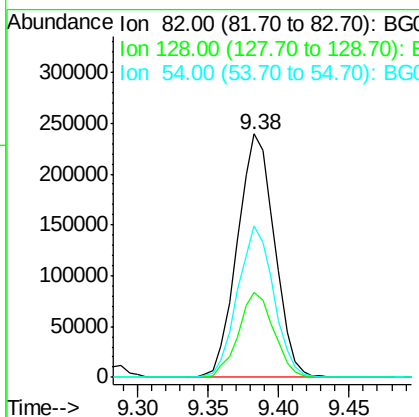
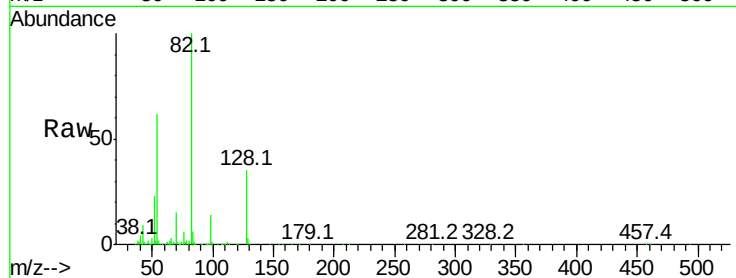
#23
Nitrobenzene-d5
Concen: 91.92 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.0	26.4	39.6
54	62.4	49.4	74.2

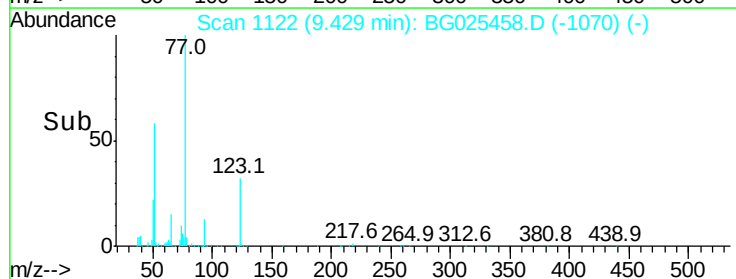
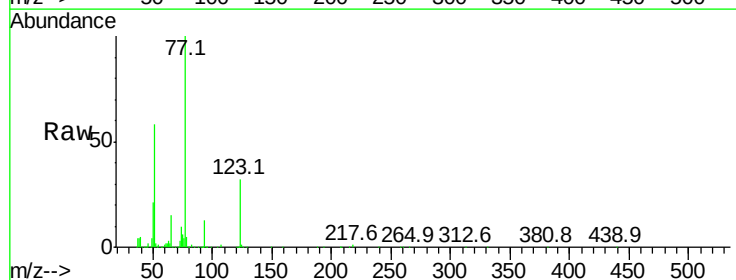
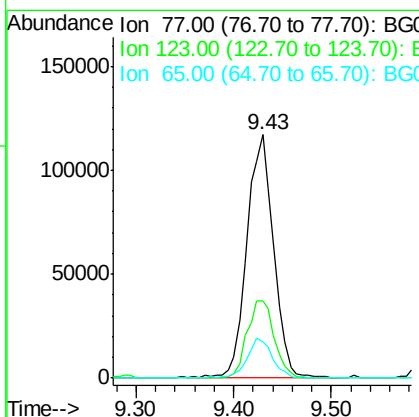
Manual Integrations
APPROVED

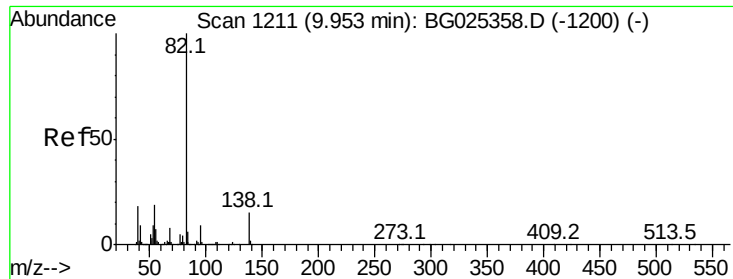
mohammad
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#24
Nitrobenzene
Concen: 42.54 ng
RT: 9.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.5	26.1	39.1
65	15.1	12.4	18.6





#25

Isophorone

Concen: 45.11 ng

RT: 9.94 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

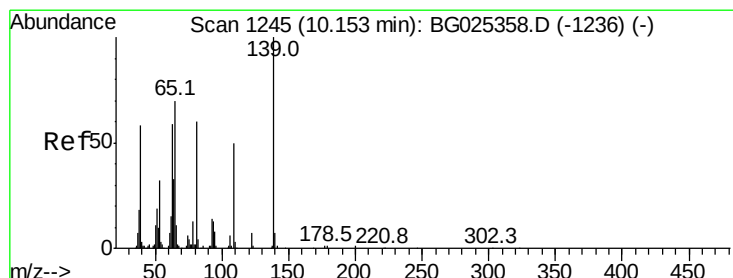
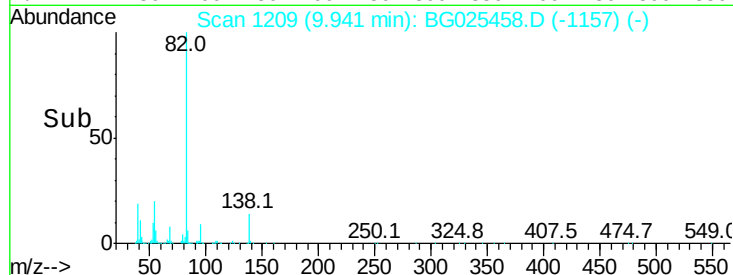
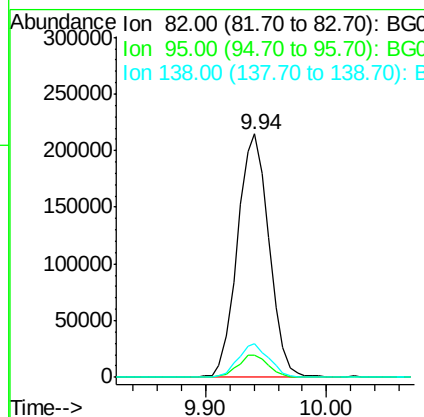
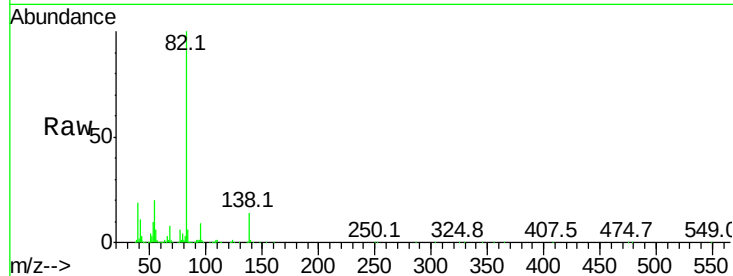
ClientSampleId :

PB95862BS

Tot Ion:	82	Resp:	391272
Ion Ratio	Lower	Upper	
82	100		
95	9.0	7.5	11.3
138	14.1	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.29 ng

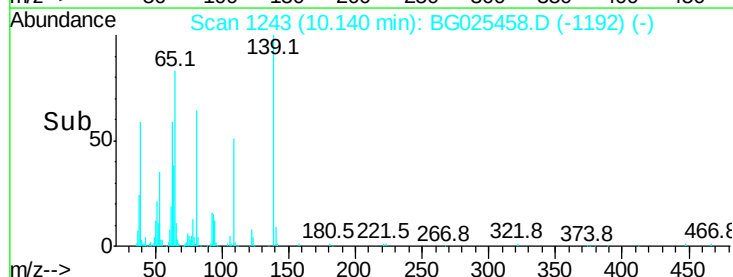
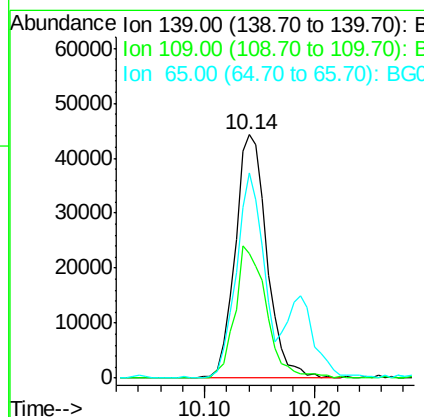
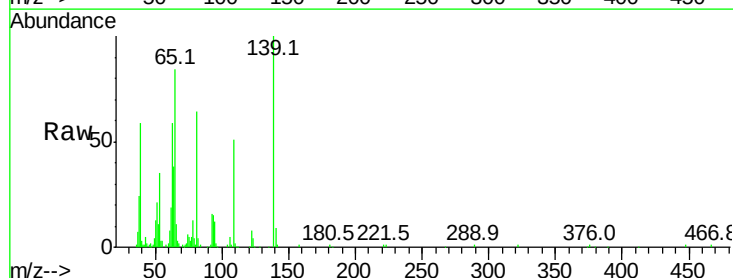
RT: 10.14 min Scan# 1243

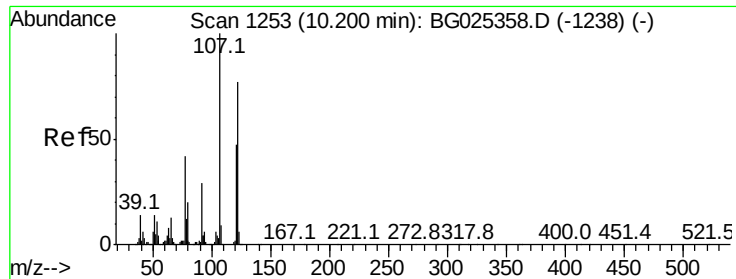
Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	139	Resp:	89002
Ion Ratio	Lower	Upper	
139	100		
109	51.4	38.6	58.0
65	84.0	57.1	85.7





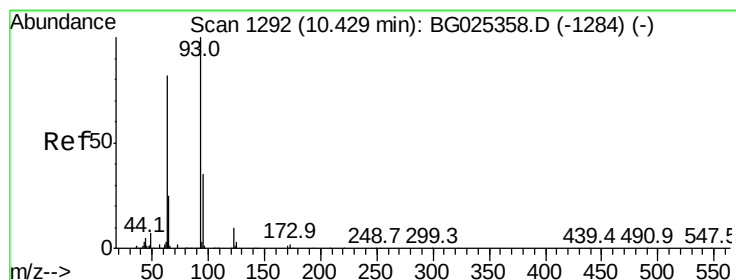
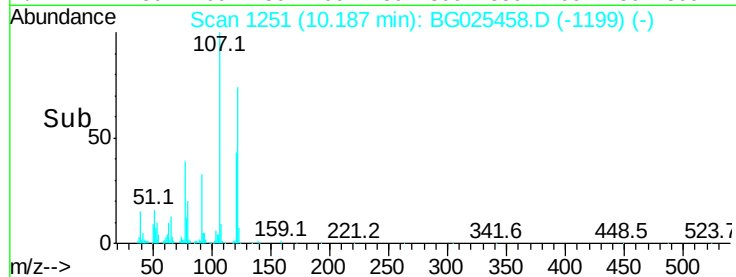
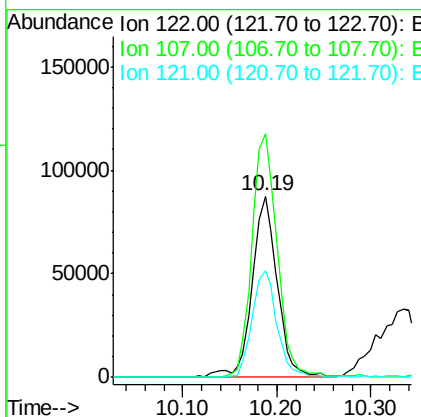
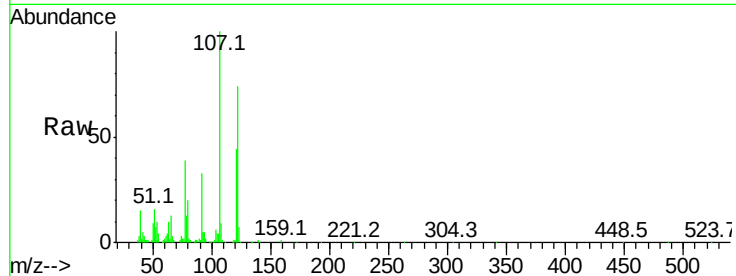
#27
 2,4-Dimethylphenol
 Concen: 49.37 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.5	104.2	156.4
121	58.7	46.0	69.0

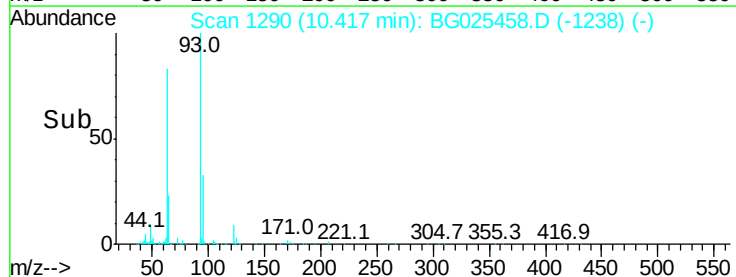
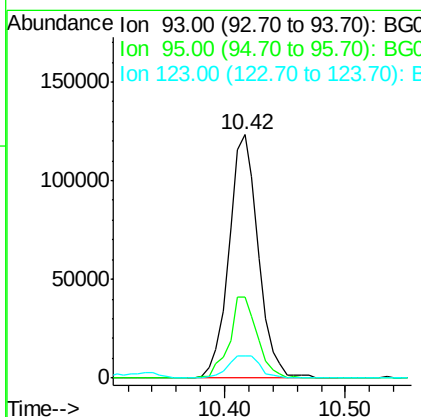
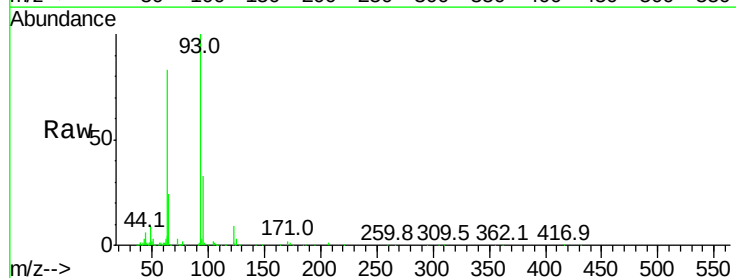
Manual Integrations
 APPROVED

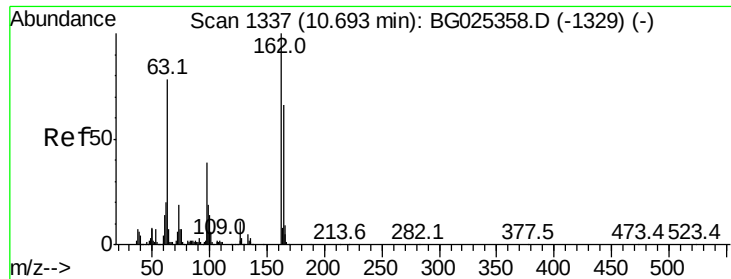
mohammad
 1/11/2017 9:10:56 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.05 ng
 RT: 10.42 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.7	38.5
123	9.0	8.3	12.5





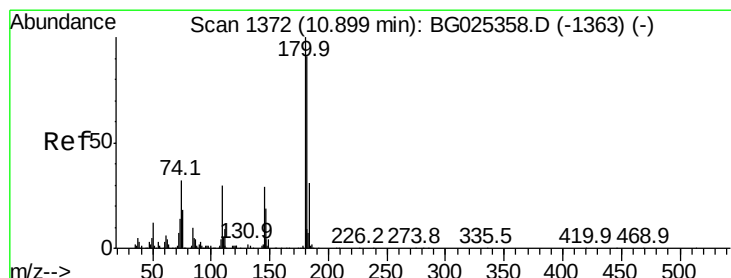
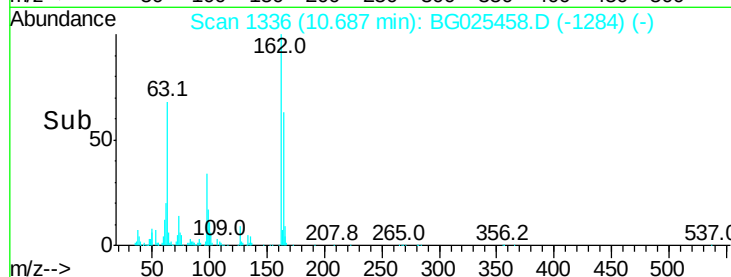
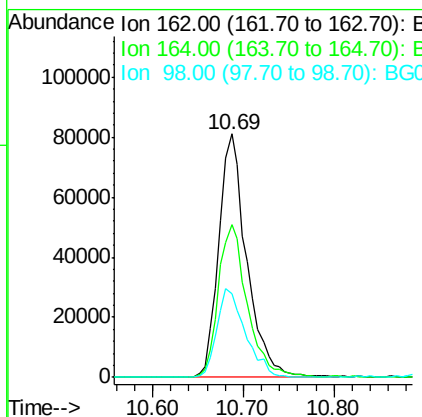
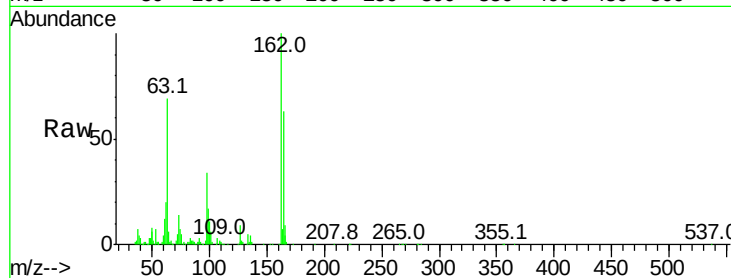
#29
 2,4-Dichlorophenol
 Concen: 48.87 ng
 RT: 10.69 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.4	82.4
98	34.2	20.3	60.3

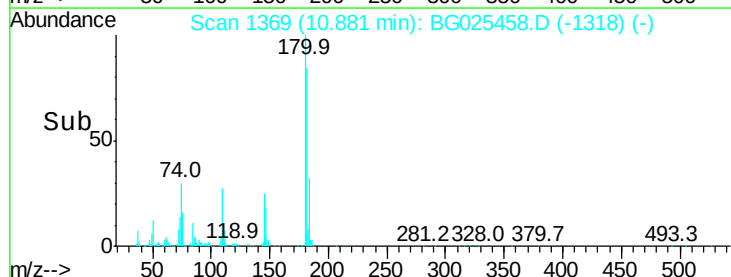
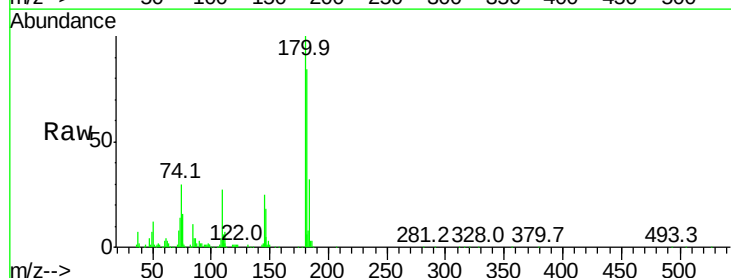
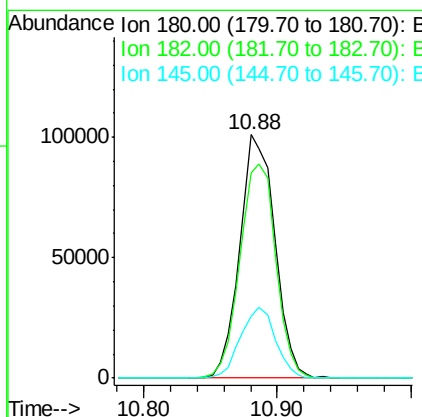
Manual Integrations
 APPROVED

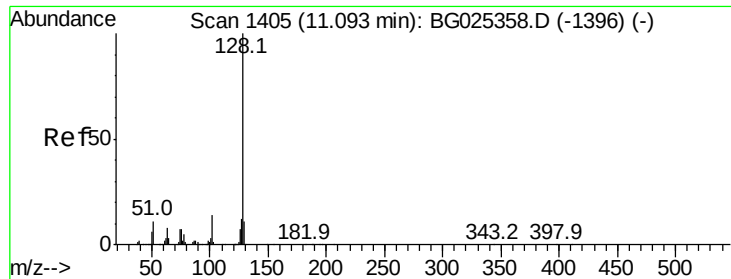
mohammad
 1/11/2017 9:10:56 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.93 ng
 RT: 10.88 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.2	77.0	115.4
145	25.4	23.4	35.0





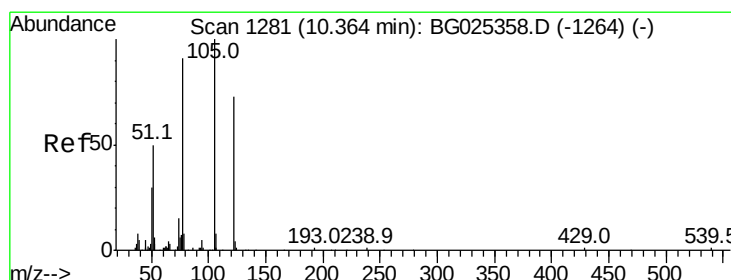
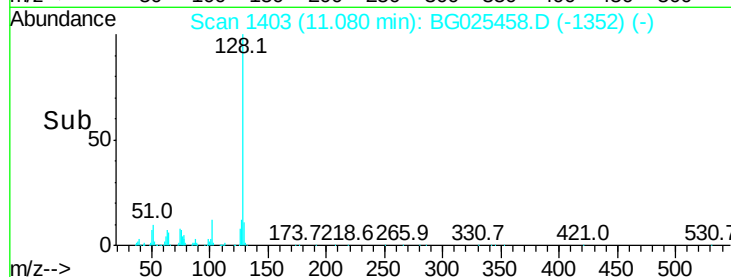
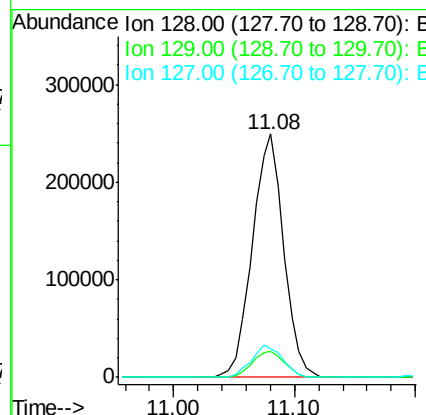
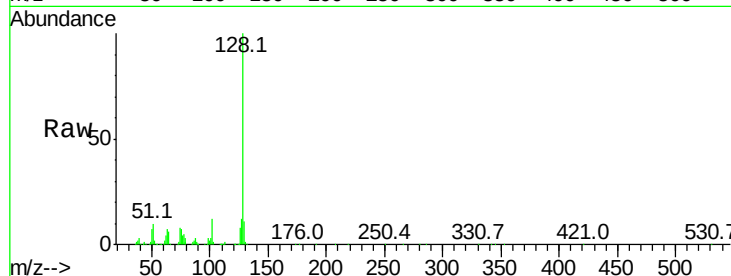
#31
Naphthalene
Concen: 42.65 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	450789		
129	10.8		9.3	13.9
127	11.9		11.4	17.0

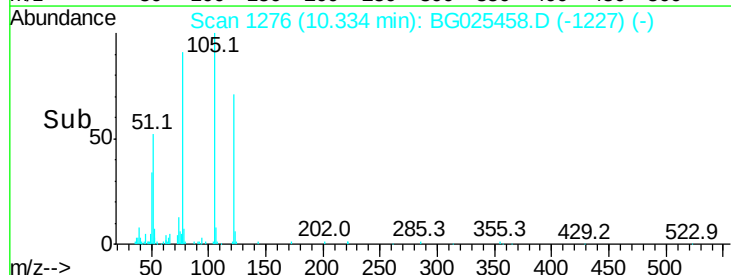
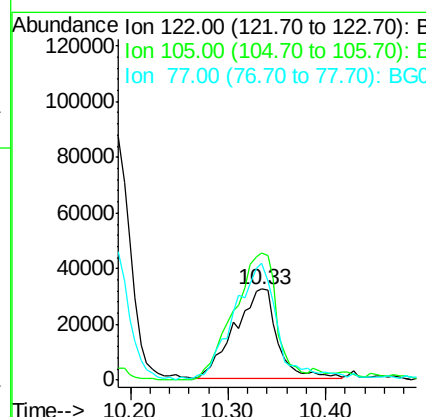
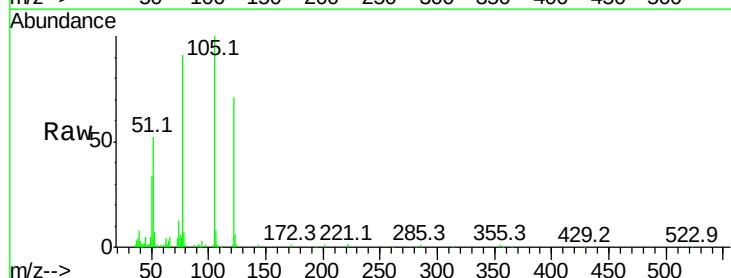
Manual Integrations
APPROVED

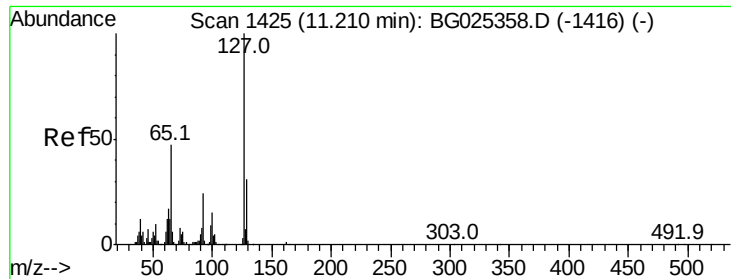
mohammad
1/11/2017 9:10:56 AM



#32
Benzoic acid
Concen: 36.57 ng
RT: 10.33 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	97160		
105	139.9		120.1	160.1
77	127.7		104.6	144.6





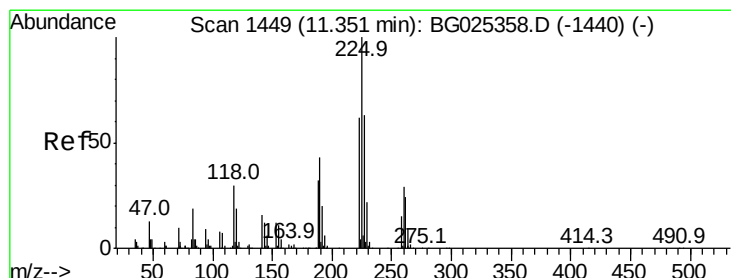
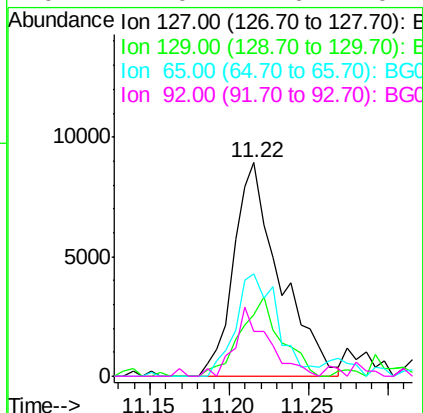
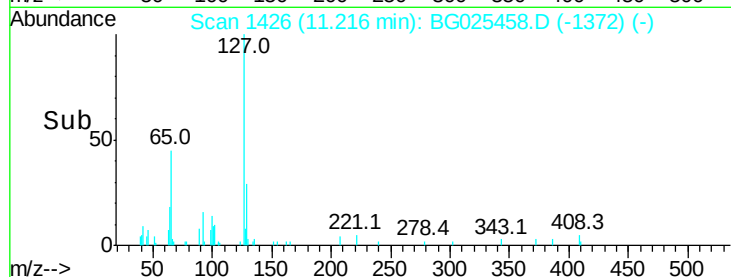
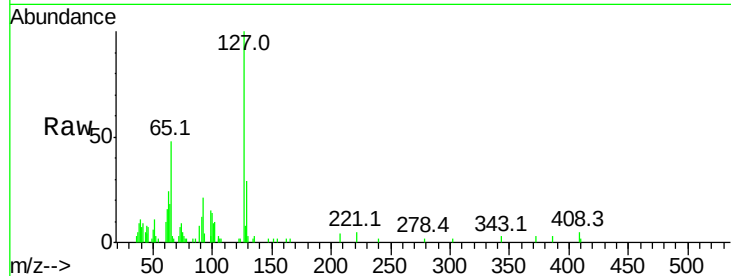
#33
4-Chloroaniline
Concen: 4.06 ng
RT: 11.22 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampled :
PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	28.9	23.6	35.4	
65	48.0	37.7	56.5	
92	21.0	17.6	26.4	

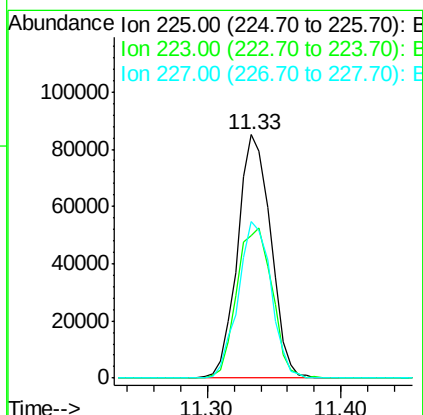
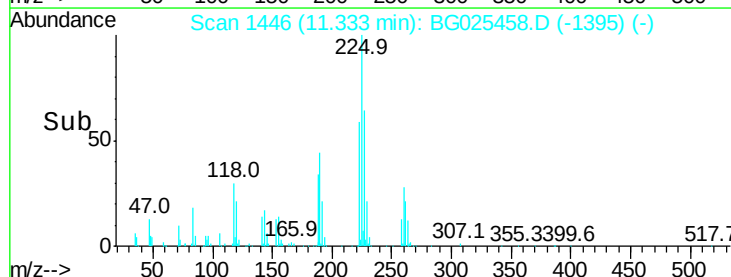
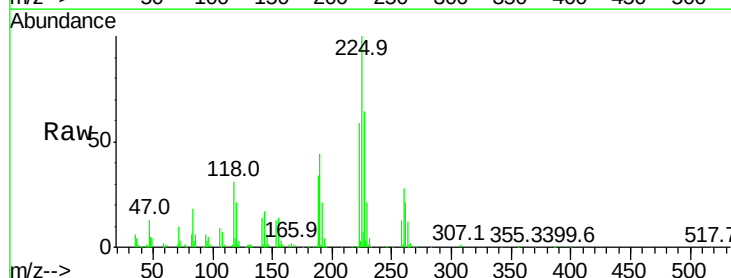
Manual Integrations
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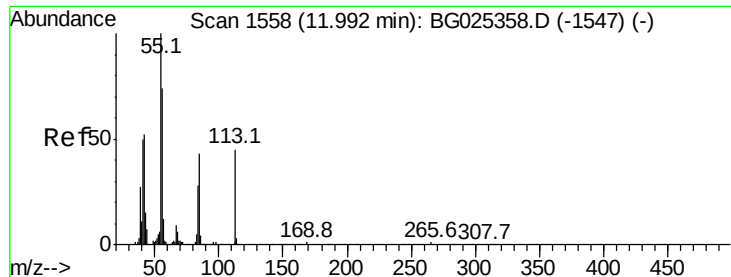
mohammad
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#34
Hexachlorobutadiene
Concen: 41.88 ng
RT: 11.33 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.8	50.7	76.1	
227	64.4	49.0	73.6	





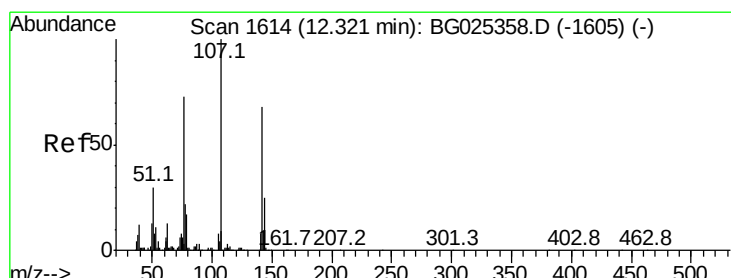
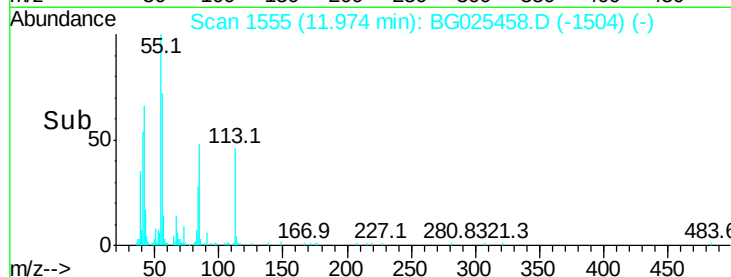
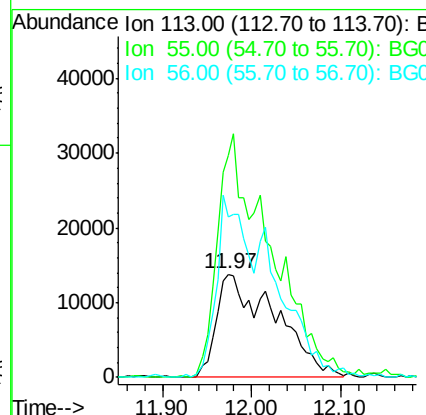
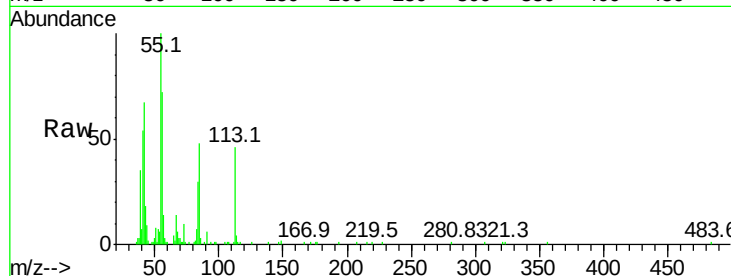
#35
Caprolactam
Concen: 48.00 ng/ml
RT: 11.97 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleID :
PB95862BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	215.4	198.6	238.6
56	155.7	140.4	180.4

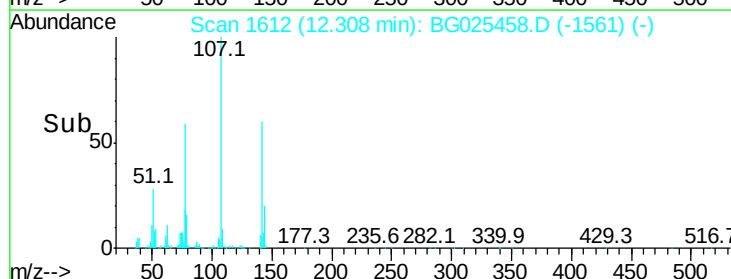
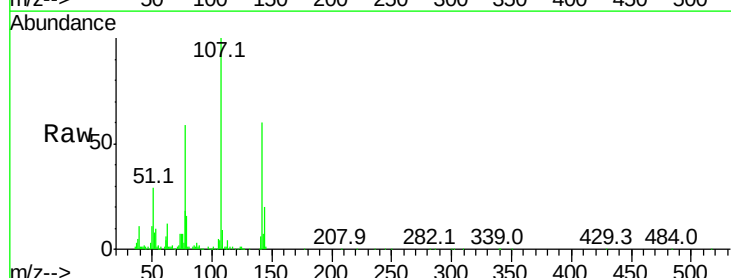
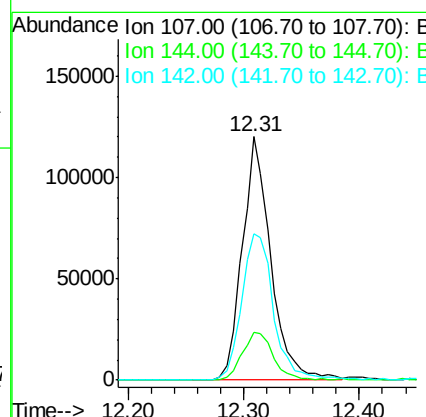
Manual Integrations
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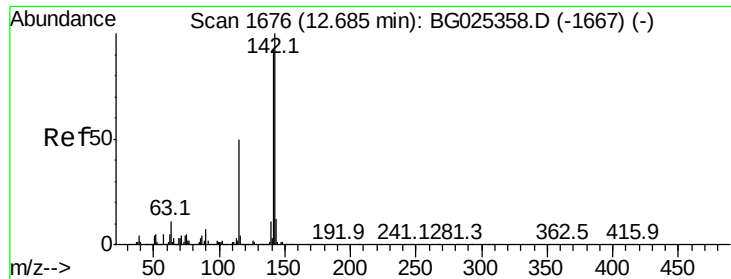
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.98 ng/ml
RT: 12.31 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	19.7	17.4	26.0
142	59.9	54.1	81.1





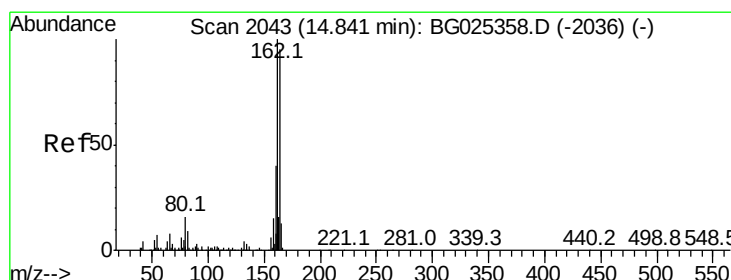
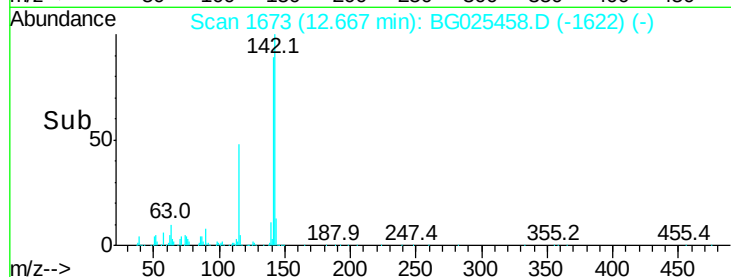
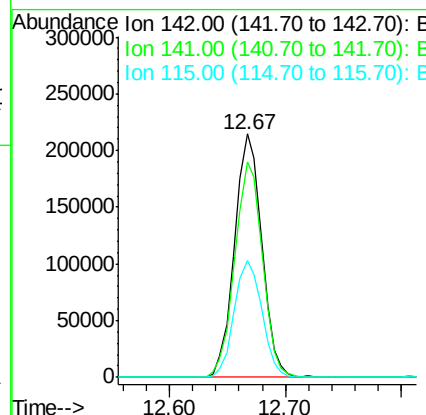
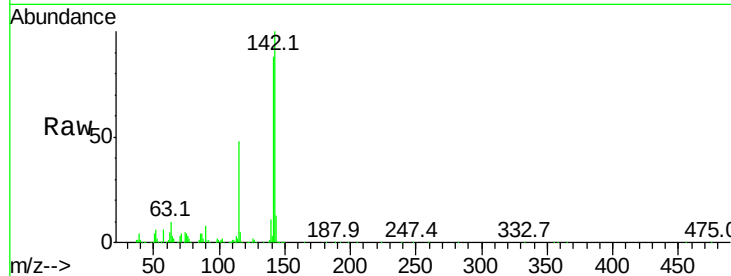
#37
2-Methylnaphthalene
Concen: 44.86 ng
RT: 12.67 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	48.1	35.5	53.3

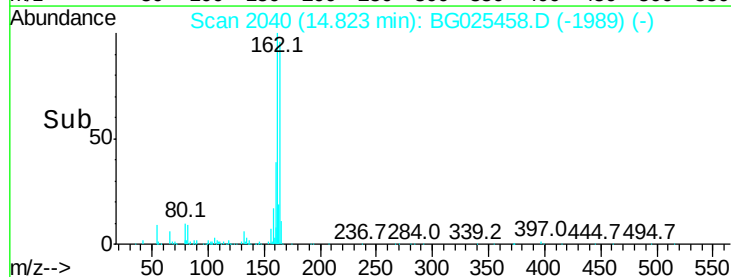
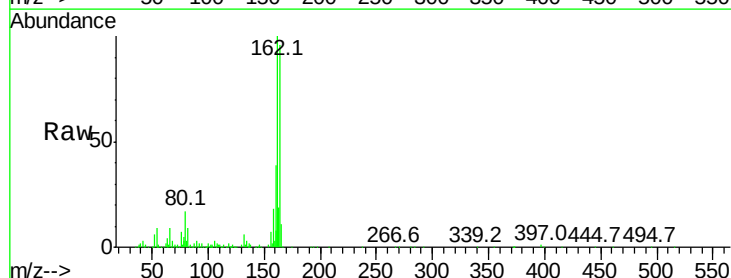
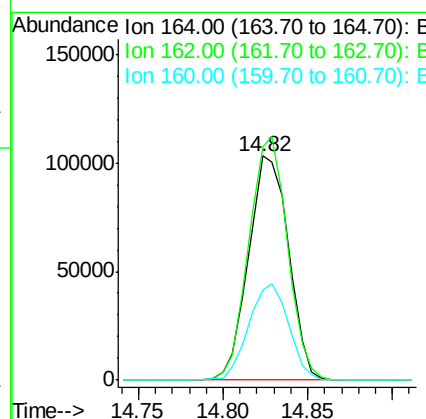
Manual Integrations
APPROVED

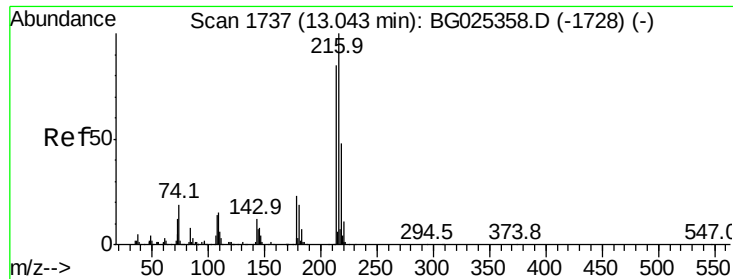
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.1	127.7
160	40.2	34.7	52.1





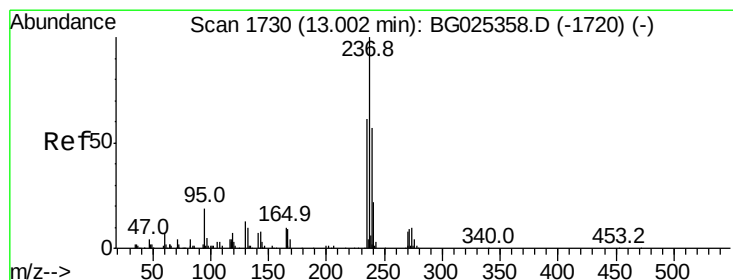
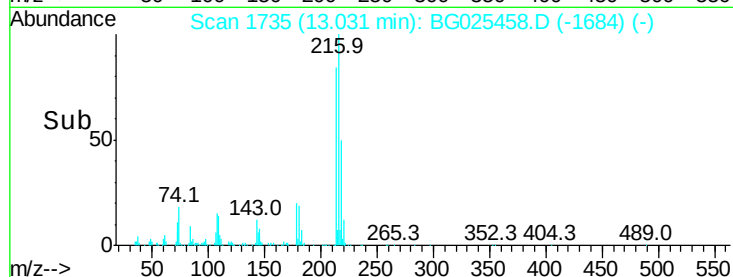
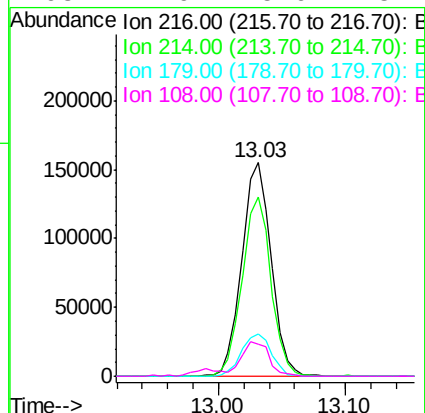
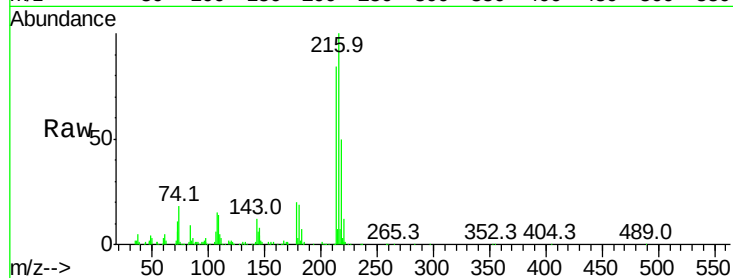
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.25 ng
RT: 13.03 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	82.6	64.4	96.6
179	20.4	17.4	26.0
108	14.9	15.6	23.4

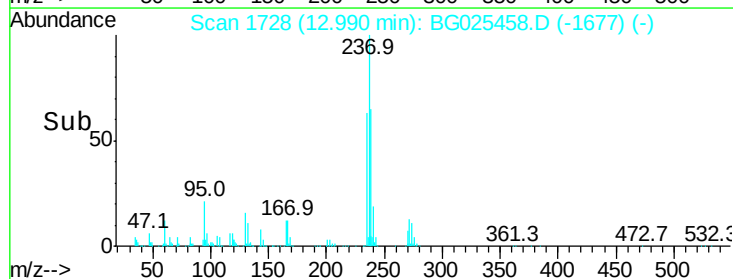
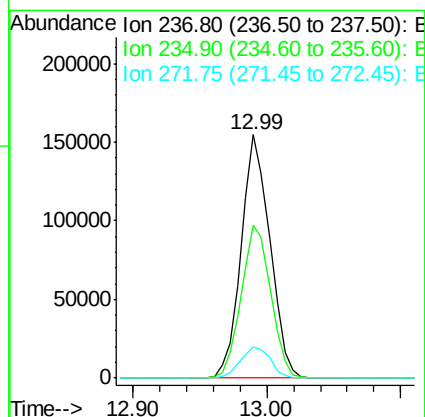
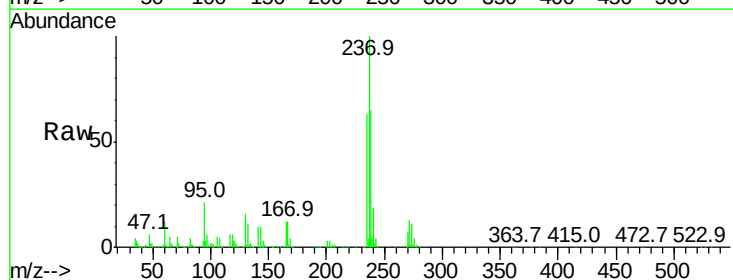
Manual Integrations
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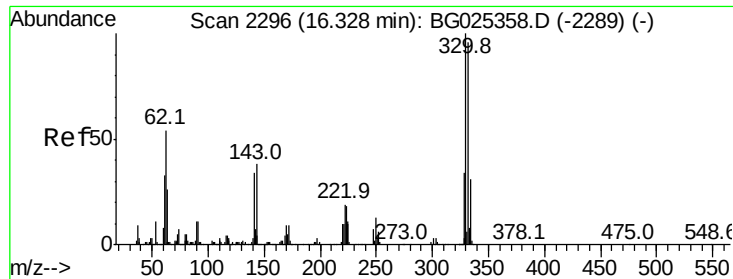
mohammad
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#40
Hexachlorocyclopentadiene
Concen: 108.48 ng
RT: 12.99 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.7	39.4	79.4
272	12.8	0.0	32.0





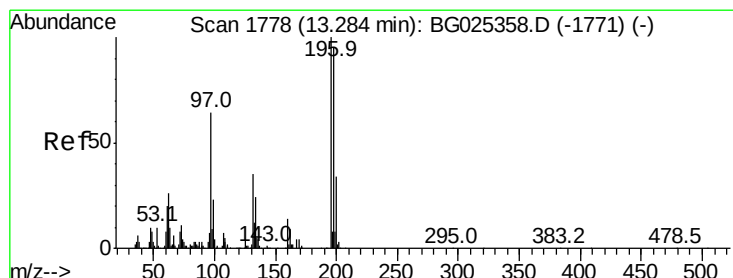
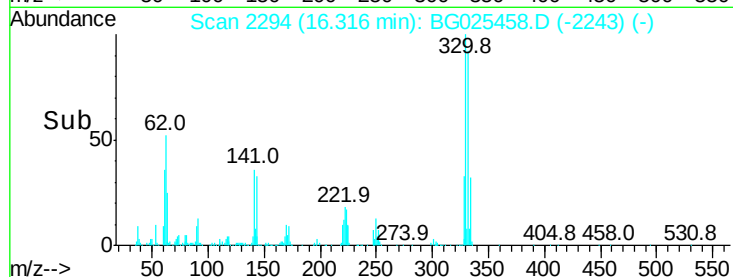
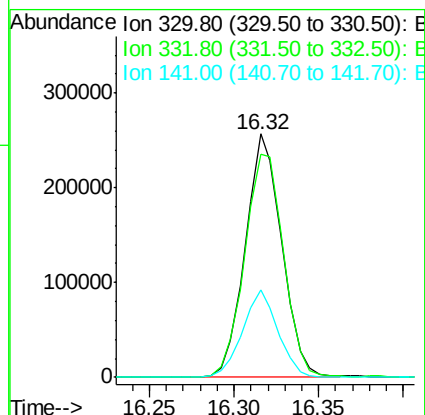
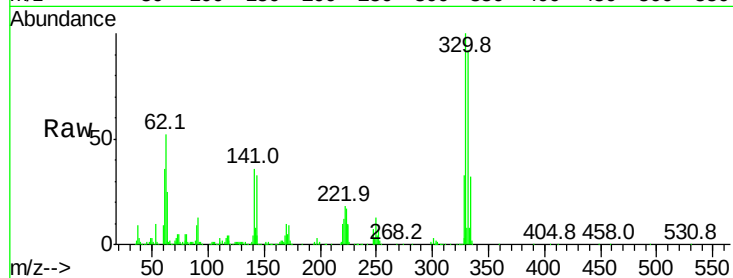
#41
2,4,6-Tribromophenol
Concen: 140.68 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	77.3	115.9	
141	35.1	32.1	48.1	

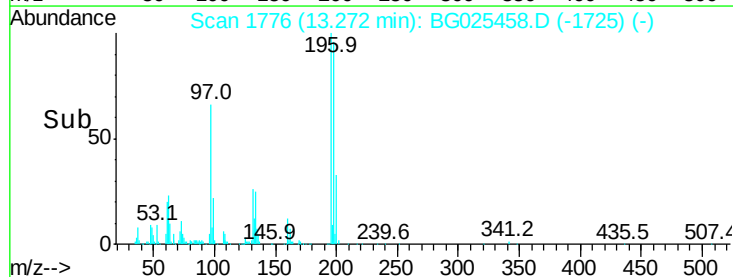
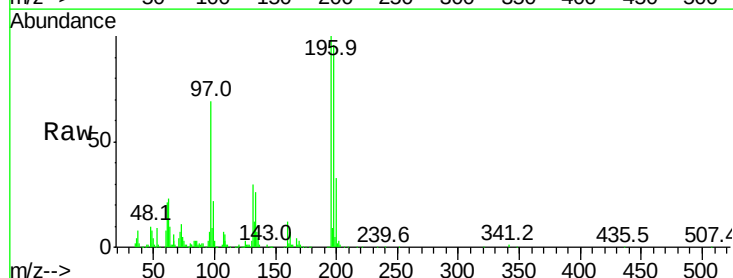
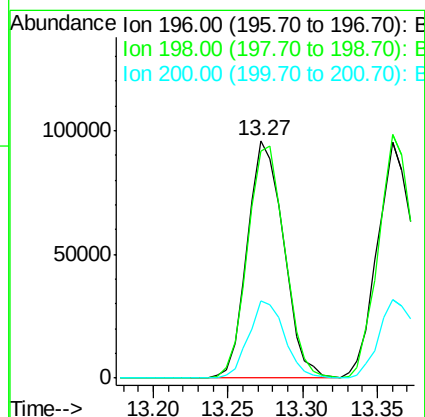
Manual Integrations
APPROVED

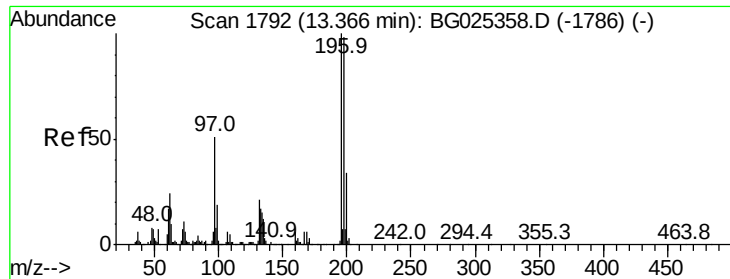
mohammad
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#42
2,4,6-Trichlorophenol
Concen: 45.52 ng
RT: 13.27 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	81.4	122.2	
200	32.7	27.0	40.6	





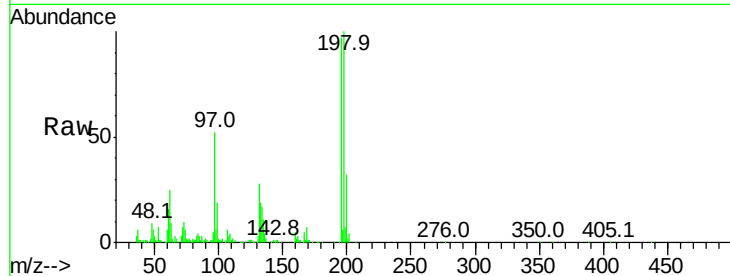
#43
 2,4,5-Trichlorophenol
 Concen: 44.80 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165913		
198	103.3	79.9	119.9	
97	53.8	45.4	68.0	
132	28.6	20.7	31.1	

Manual Integrations
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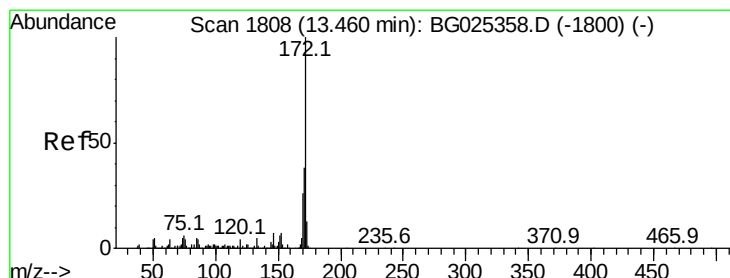
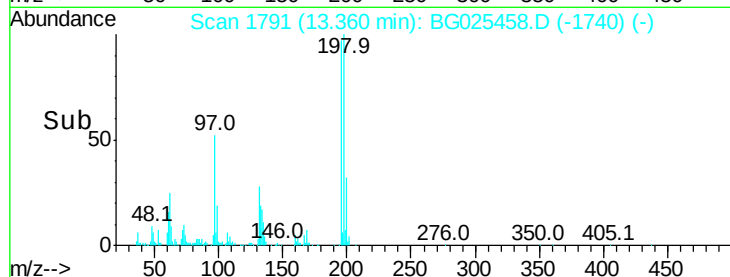
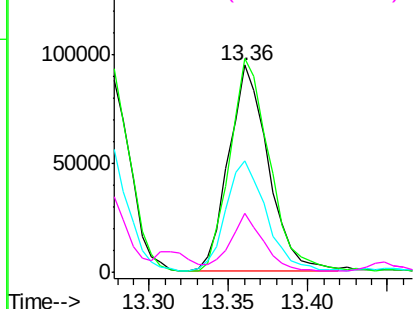
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.81 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

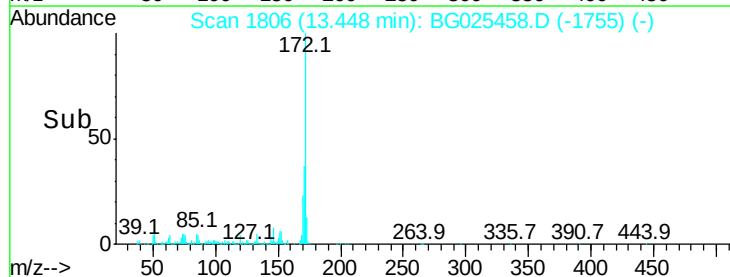
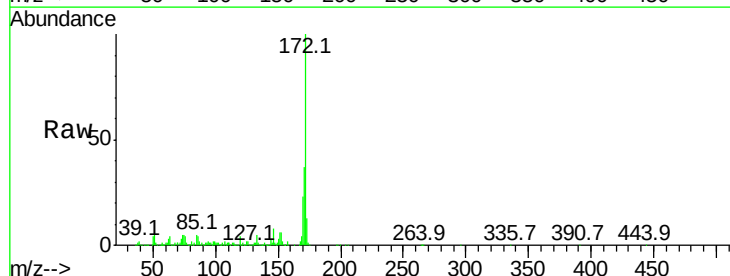
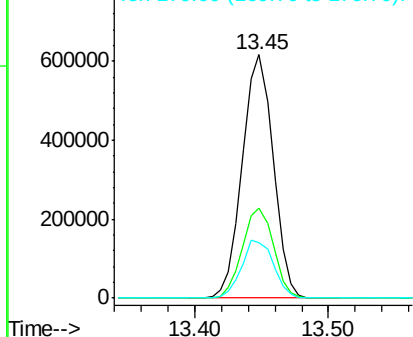
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	986168		
171	36.9	32.2	48.2	
170	22.9	21.8	32.6	

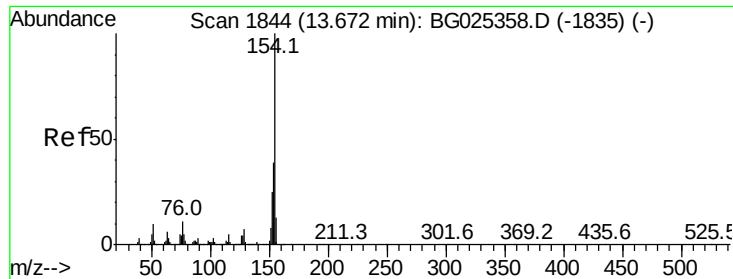
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.02 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

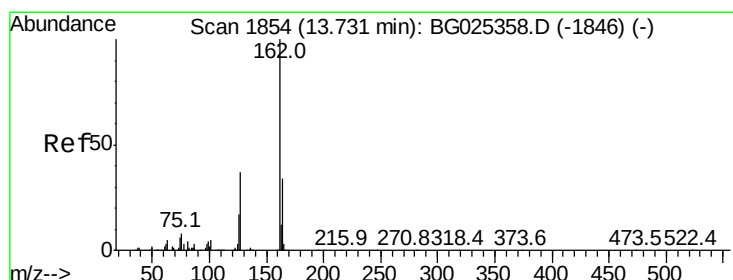
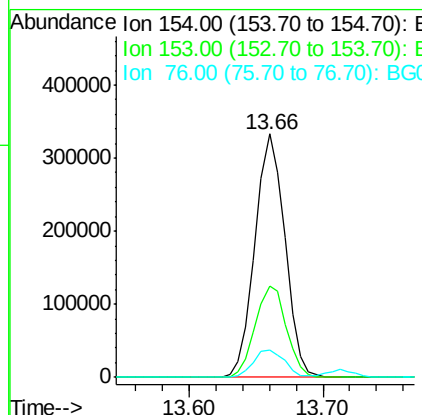
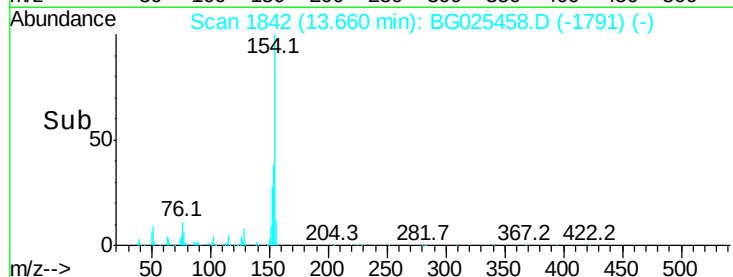
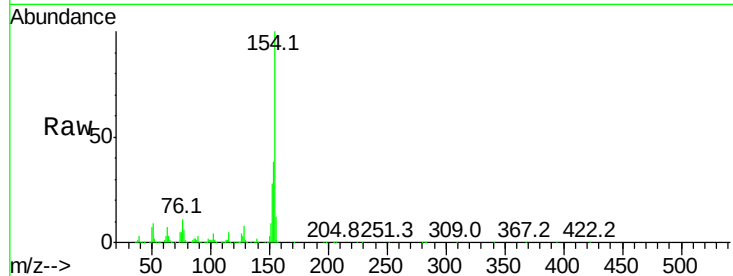
ClientSampleId :

PB95862BS

Tot Ion:	154	Resp:	515388
Ion Ratio	Lower	Upper	
154	100		
153	37.7	23.0	63.0
76	11.5	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 44.55 ng

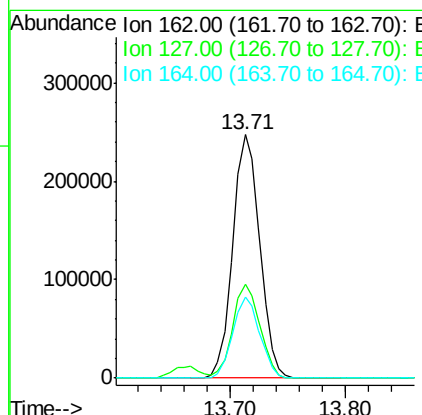
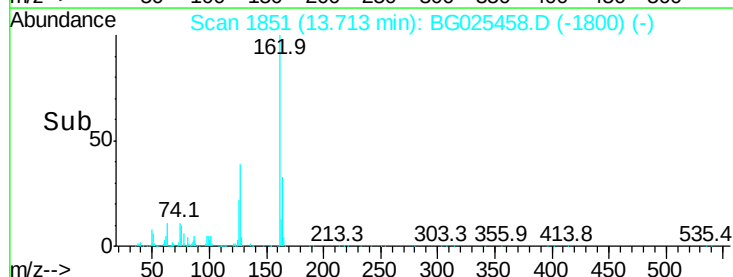
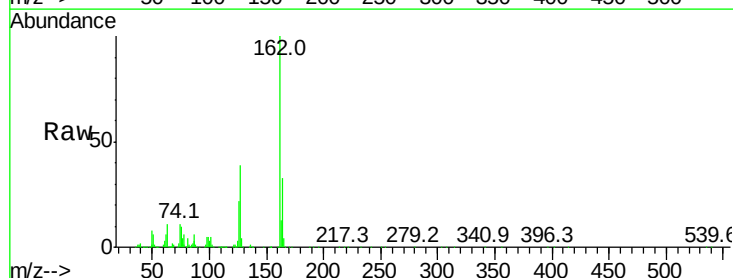
RT: 13.71 min Scan# 1851

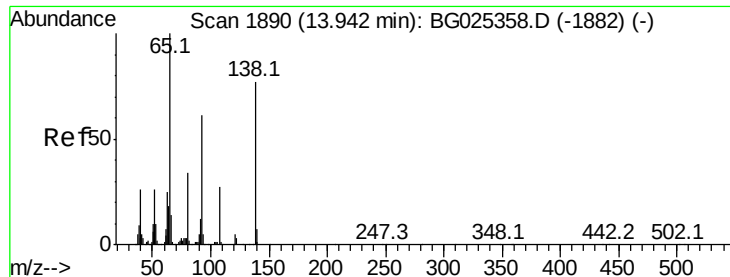
Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	162	Resp:	398479
Ion Ratio	Lower	Upper	
162	100		
127	38.7	32.2	48.4
164	33.1	27.3	40.9





#47

2-Nitroaniline

Concen: 43.93 ng

RT: 13.93 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

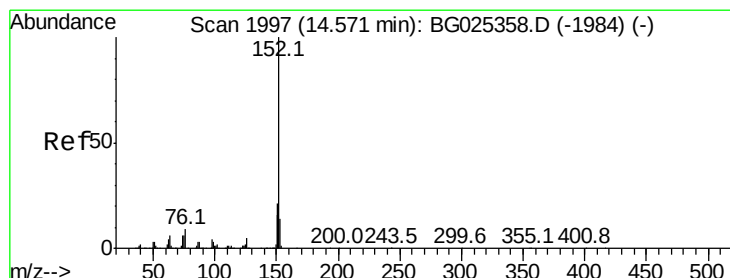
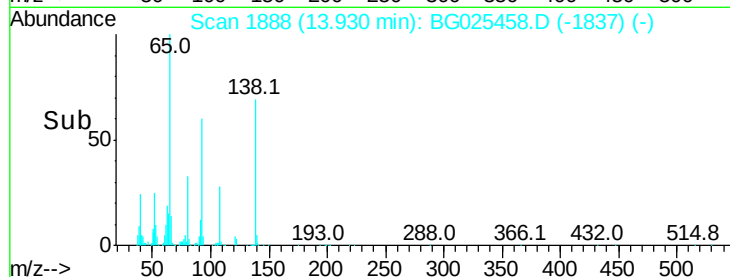
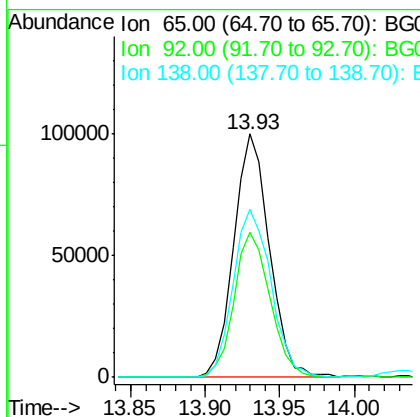
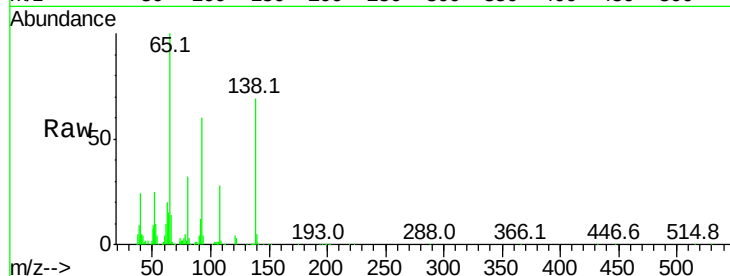
ClientSampleId :

PB95862BS

Tot Ion:	65	Resp:	165827
Ion Ratio	Lower	Upper	
65	100		
92	59.7	49.0	73.4
138	68.9	58.6	87.8

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#48

Acenaphthylene

Concen: 44.41 ng

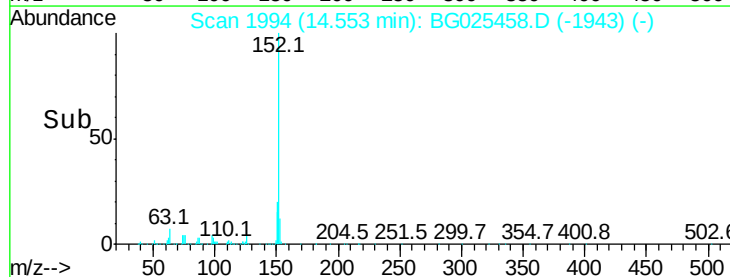
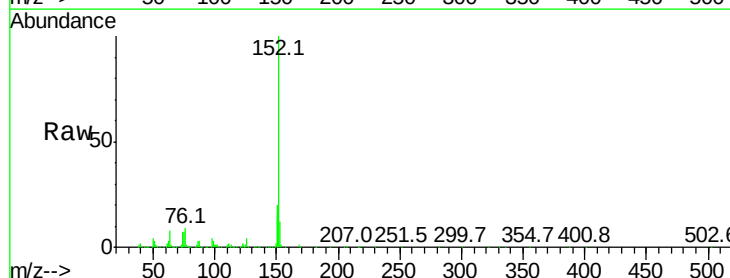
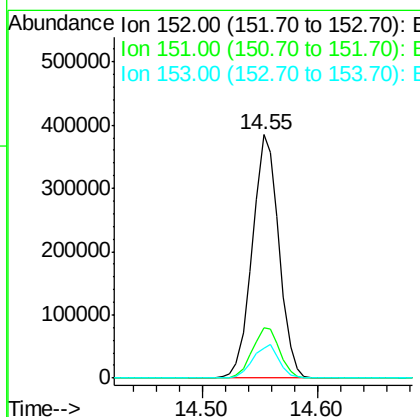
RT: 14.55 min Scan# 1994

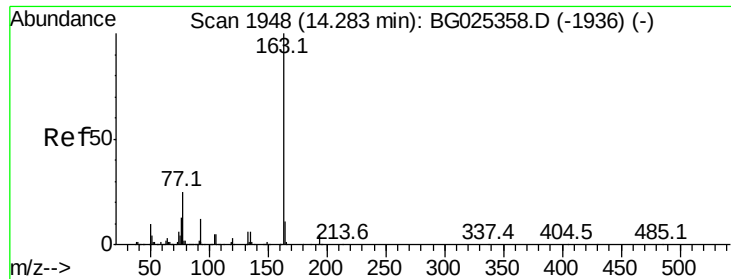
Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	152	Resp:	615539
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.2	27.2
153	12.3	11.3	16.9





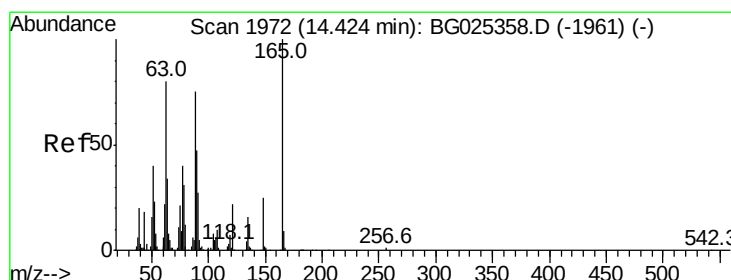
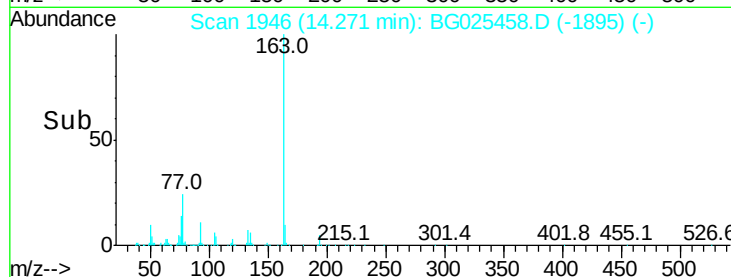
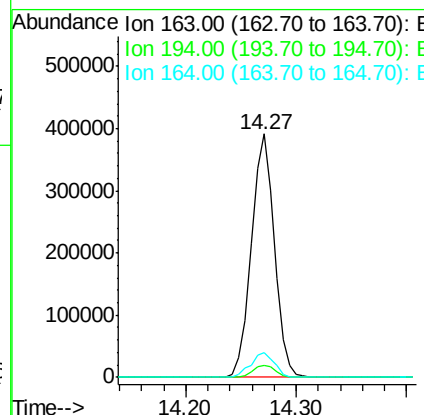
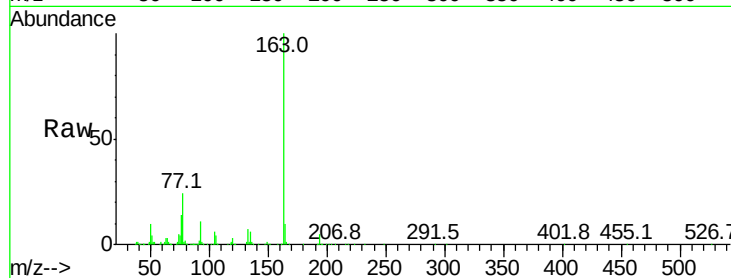
#49
Dimethylphthalate
Concen: 46.11 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampled :
PB95862BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	9.9	9.3	13.9

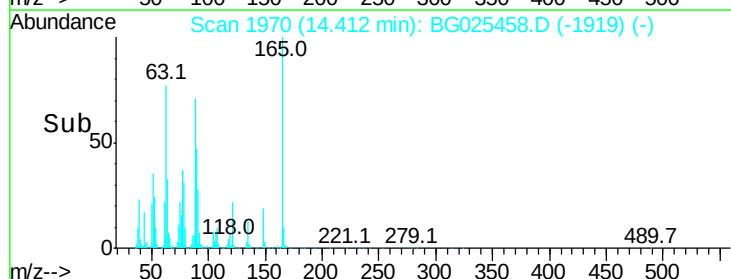
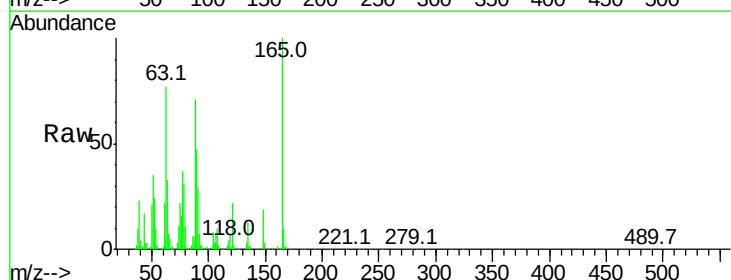
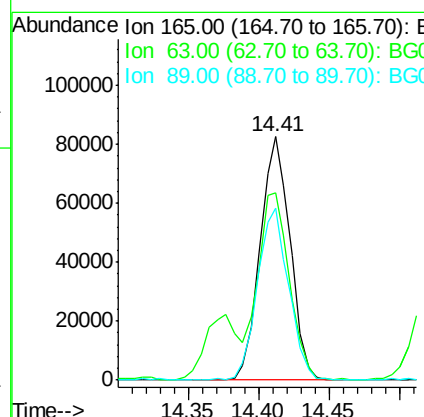
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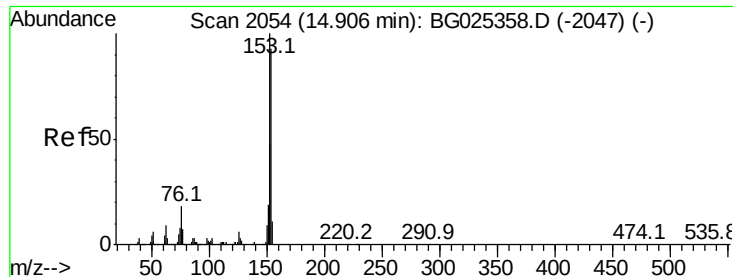
mohammad
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#50
2,6-Dinitrotoluene
Concen: 45.41 ng
RT: 14.41 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.1	63.9	95.9
89	70.5	58.6	88.0





#51

Acenaphthene

Concen: 42.75 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

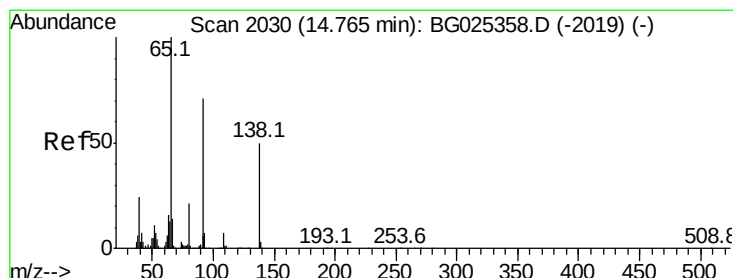
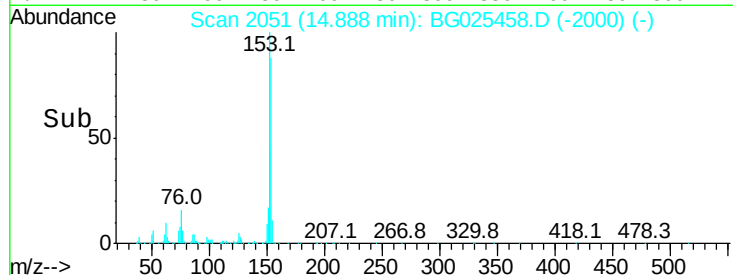
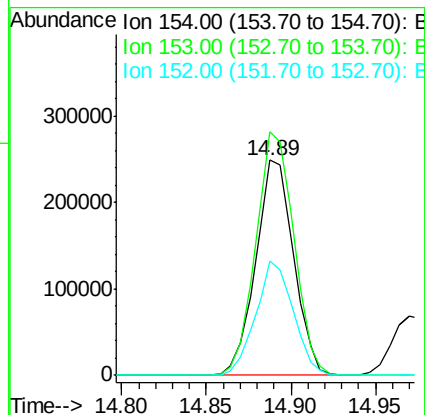
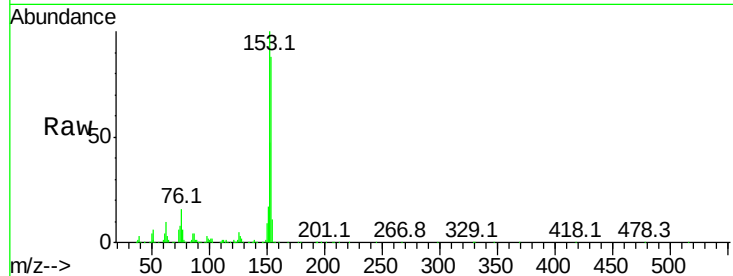
ClientSampleId :

PB95862BS

Tot Ion:	154	Resp:	387551
Ion Ratio	Lower	Upper	
154	100		
153	113.2	87.8	131.6
152	53.4	42.2	63.4

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#52

3-Nitroaniline

Concen: 9.41 ng

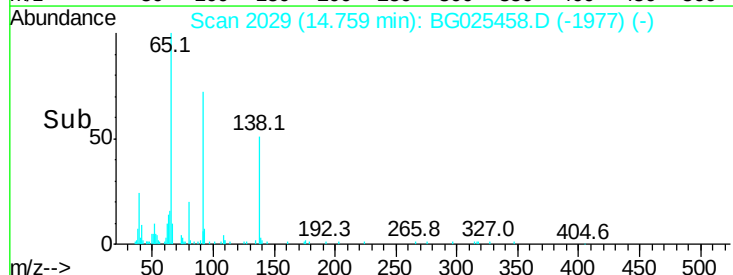
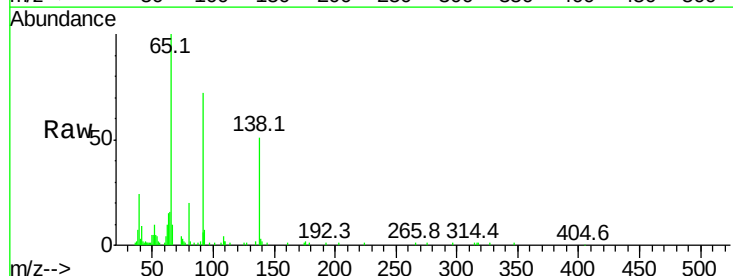
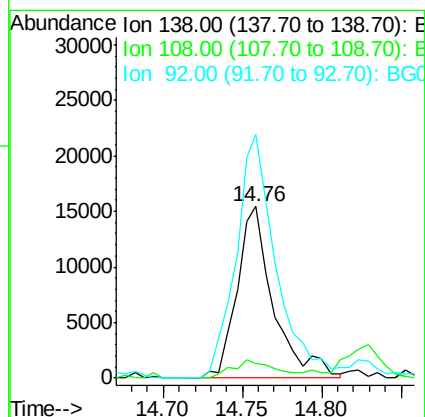
RT: 14.76 min Scan# 2029

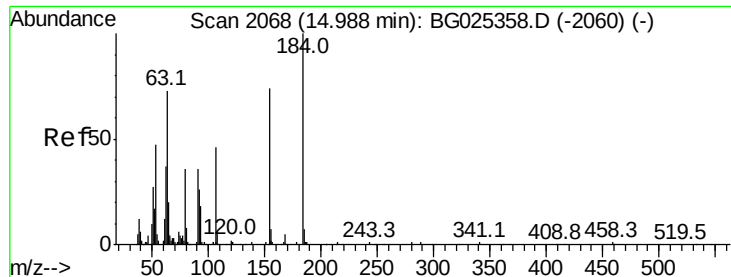
Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	138	Resp:	24525
Ion Ratio	Lower	Upper	
138	100		
108	8.4	10.9	16.3#
92	142.1	115.3	172.9





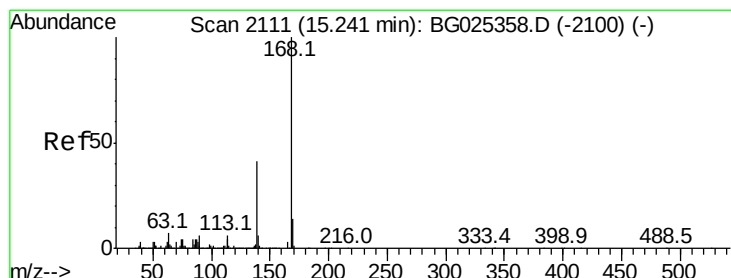
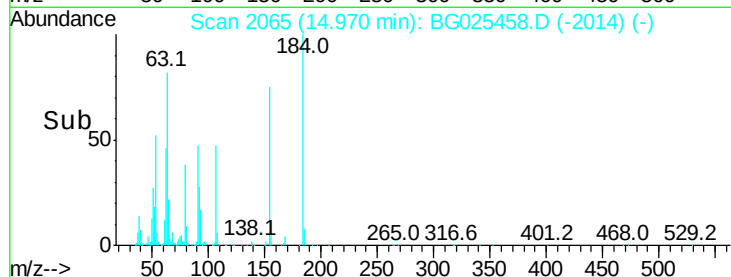
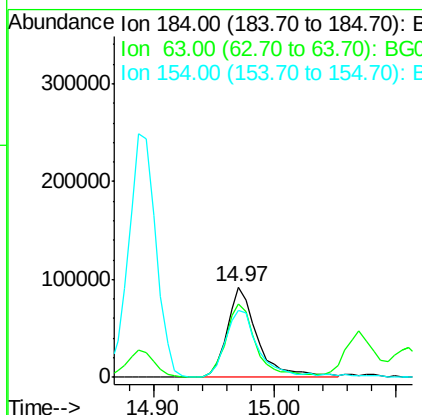
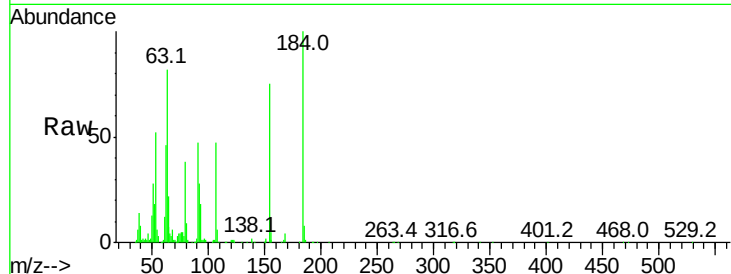
#53
2,4-Dinitrophenol
Concen: 90.10 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.9	52.7	79.1#
154	74.6	57.3	85.9

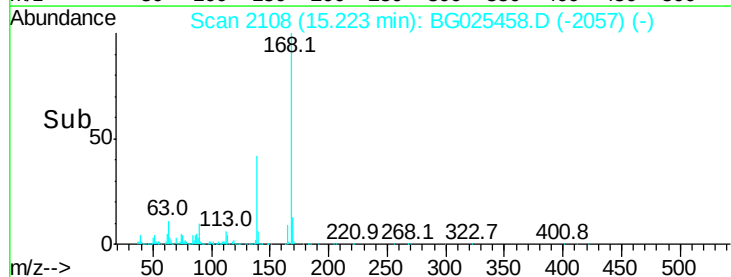
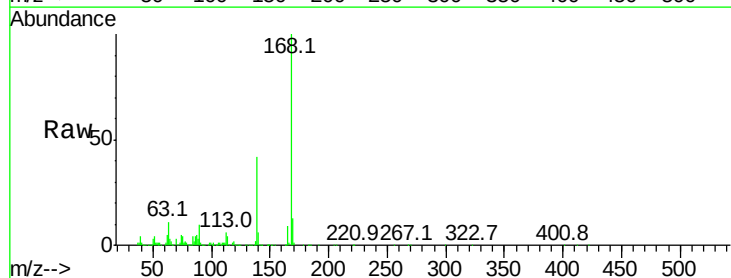
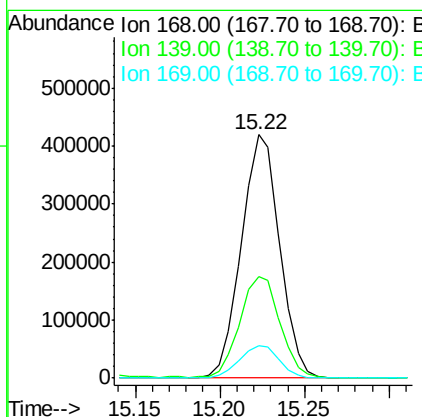
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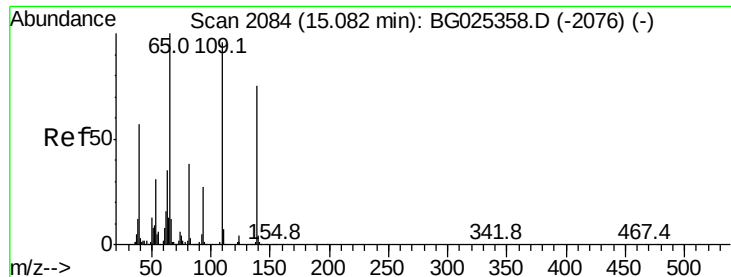
mohammad
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#54
Dibenzofuran
Concen: 46.24 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	35.3	52.9
169	13.1	11.5	17.3





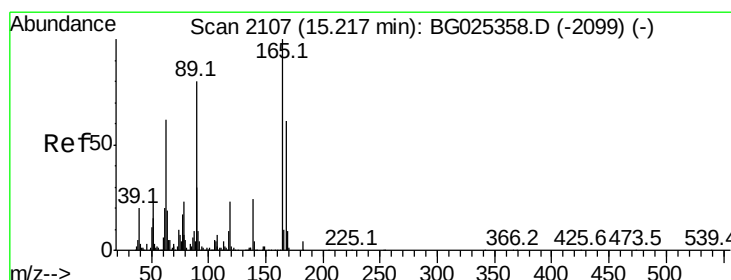
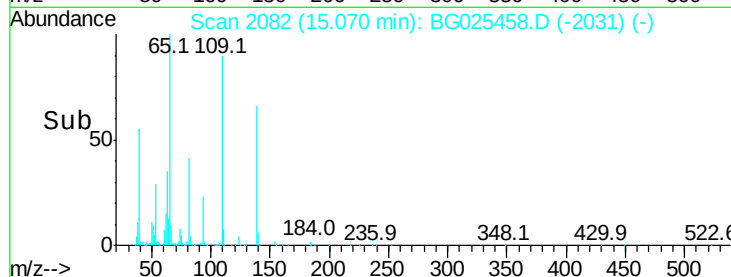
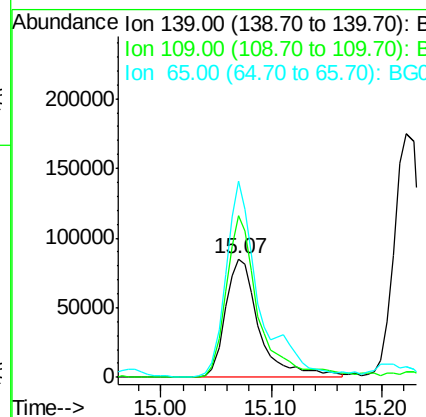
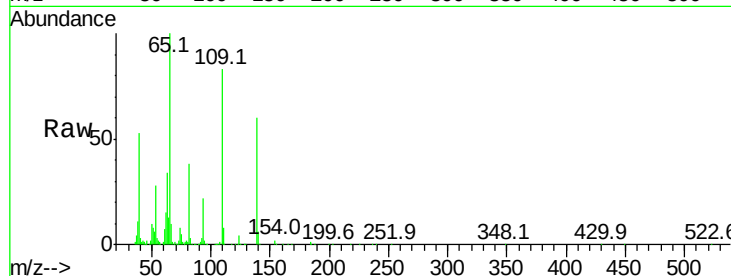
#55
4-Nitrophenol
Concen: 92.95 ng
RT: 15.07 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	136.5	101.2	141.2
65	165.4	135.3	175.3

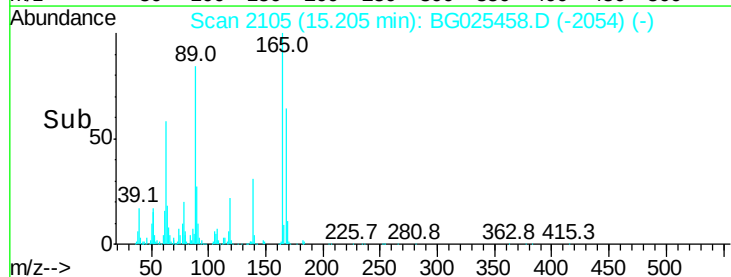
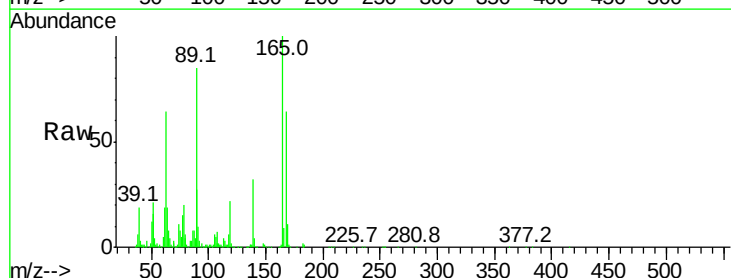
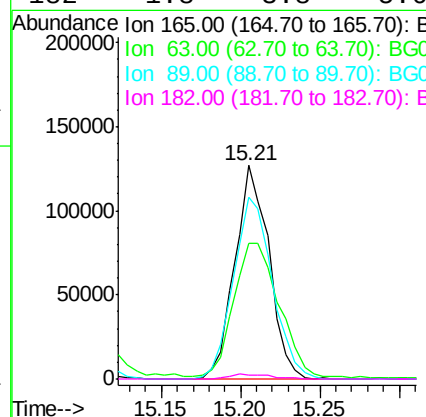
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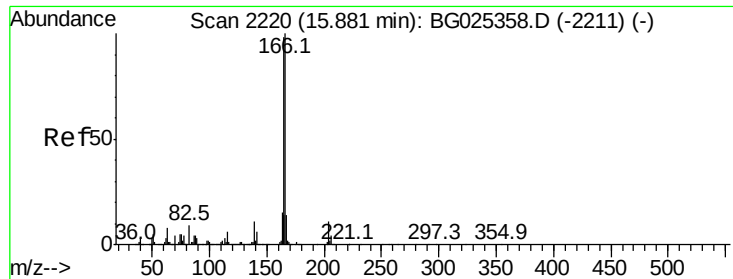
mohammad
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#56
2,4-Dinitrotoluene
Concen: 47.93 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.7	44.0	66.0
89	84.9	67.3	100.9
182	1.8	3.8	5.6#





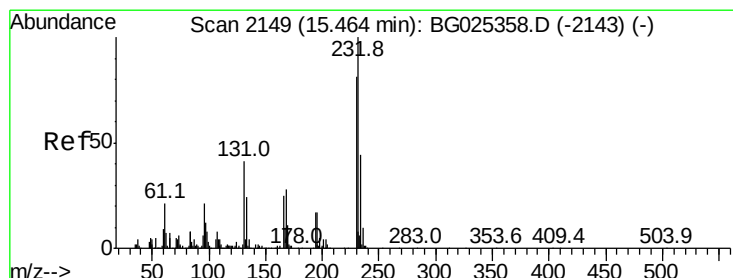
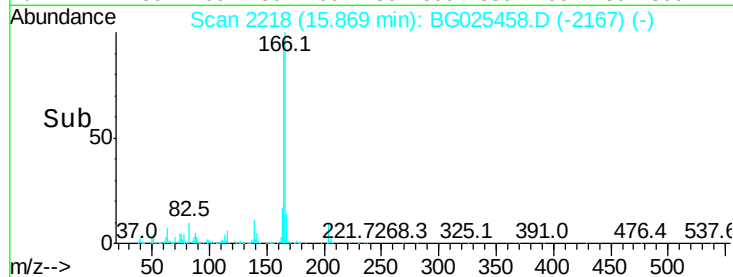
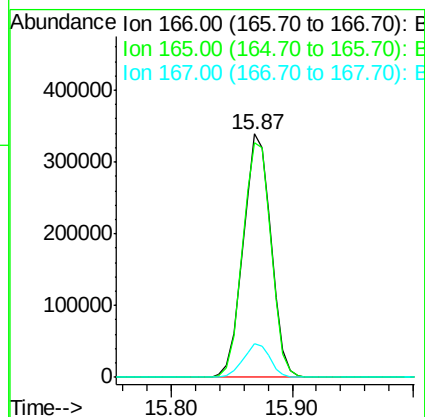
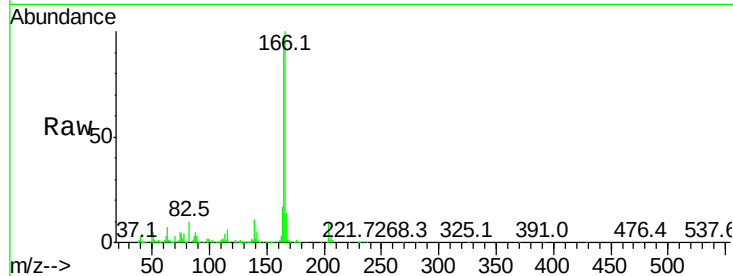
#57
 Fluorene
 Concen: 45.24 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BS

Tot Ion:	166	Resp:	542861
Ion Ratio	Lower	Upper	
166	100		
165	96.5	78.6	117.8
167	13.7	11.6	17.4

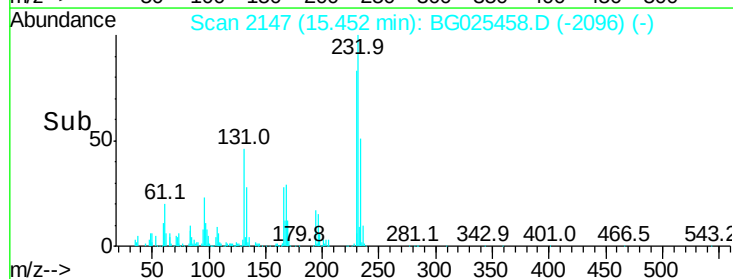
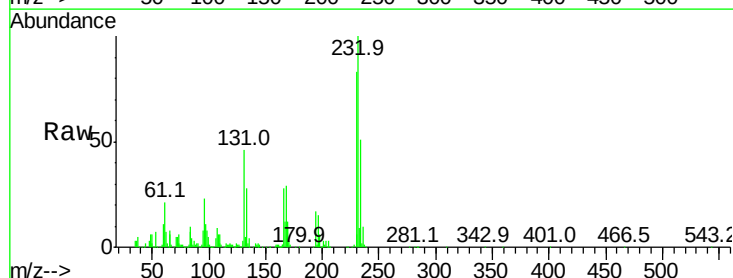
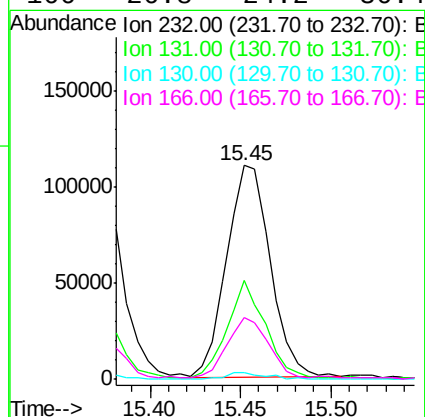
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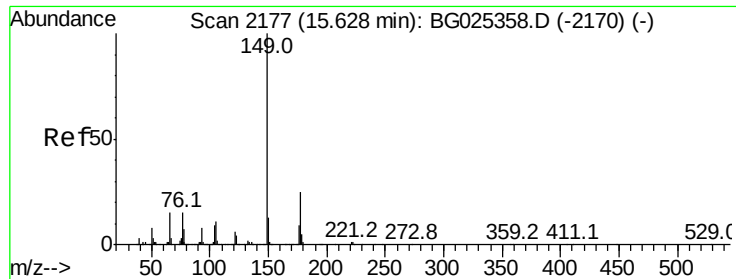
mohammad
 1/11/2017 9:10:56 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.57 ng
 RT: 15.45 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Tgt Ion:	232	Resp:	184767
Ion Ratio	Lower	Upper	
232	100		
131	40.0	34.9	52.3
130	2.9	2.3	3.5
166	26.8	24.2	36.4





#59

Diethylphthalate

Concen: 46.00 ng

RT: 15.62 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

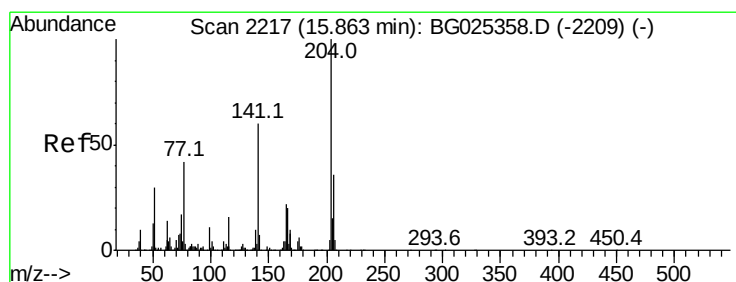
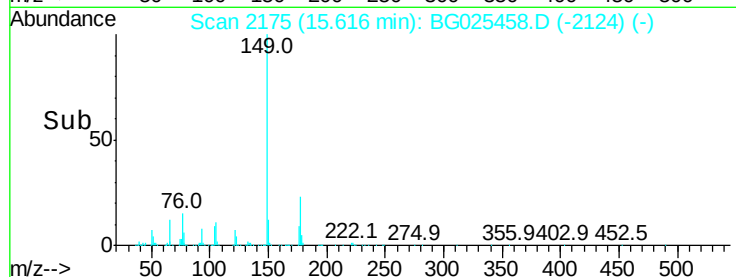
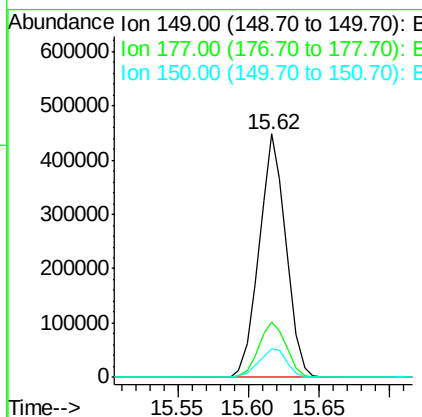
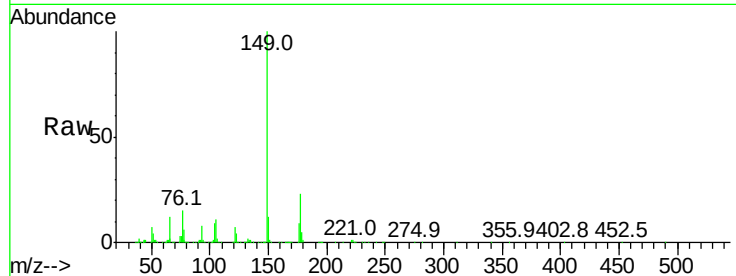
ClientSampleId :

PB95862BS

Tot Ion:	149	Resp:	598485
Ion Ratio	Lower	Upper	
149	100		
177	23.0	20.1	30.1
150	11.8	10.2	15.2

Manual Integrations
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mohammad
1/11/2017 9:10:56 AM



#60

4-Chlorophenyl-phenylether

Concen: 45.16 ng

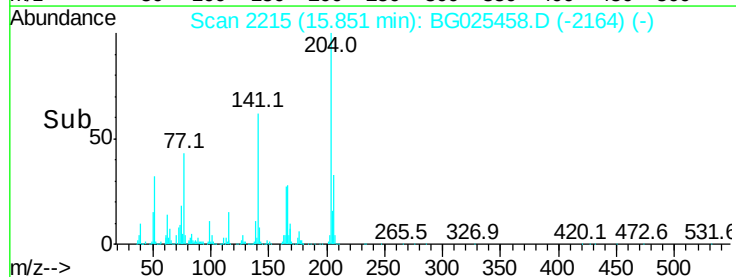
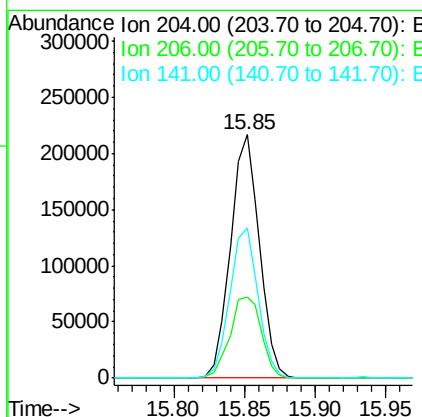
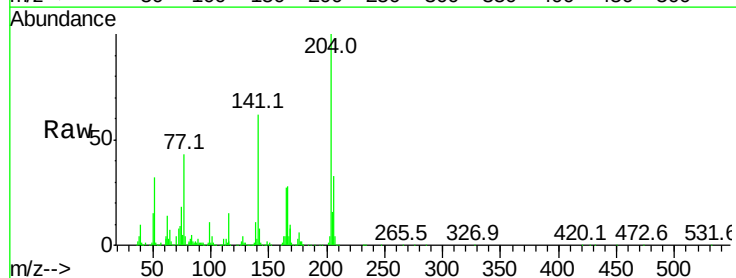
RT: 15.85 min Scan# 2215

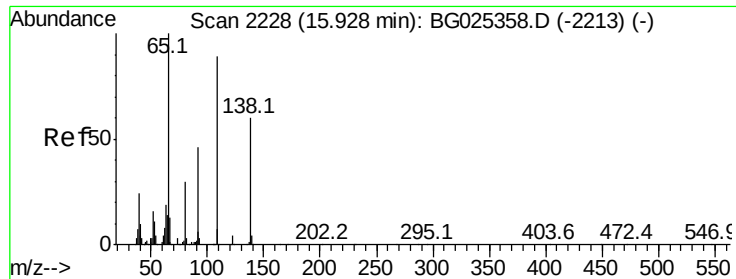
Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	204	Resp:	307111
Ion Ratio	Lower	Upper	
204	100		
206	33.4	30.1	45.1
141	61.8	50.6	76.0





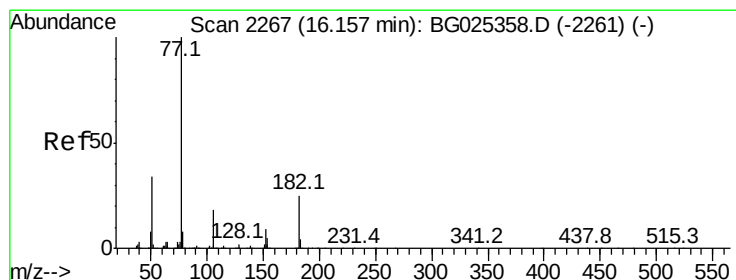
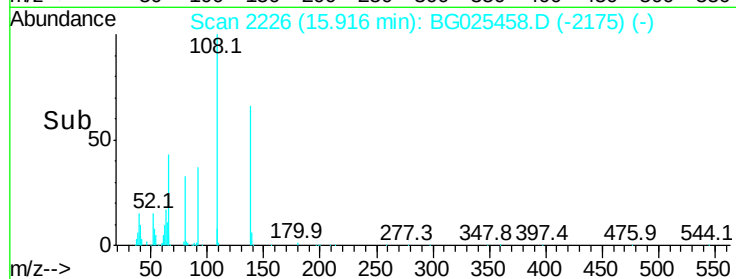
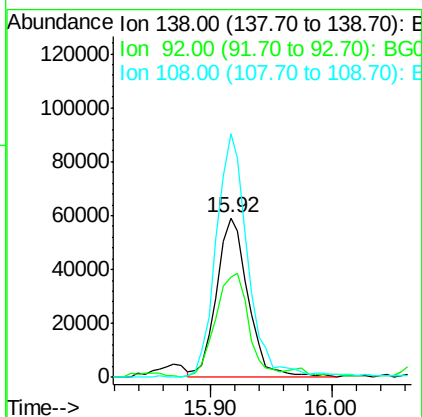
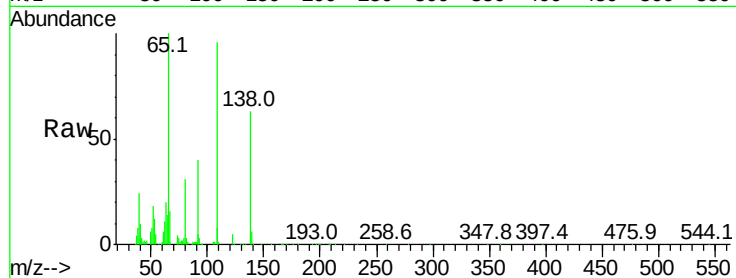
#61
4-Nitroaniline
Concen: 40.36 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.2	44.2	84.2
108	152.6	104.8	144.8

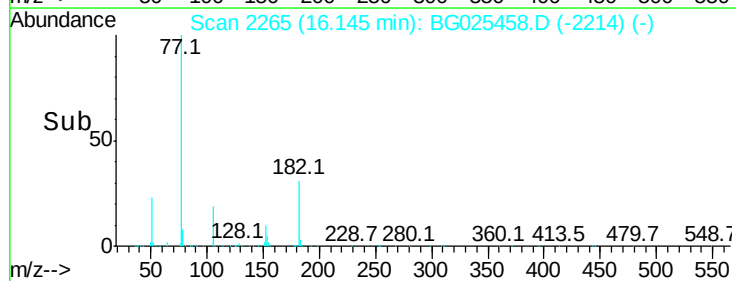
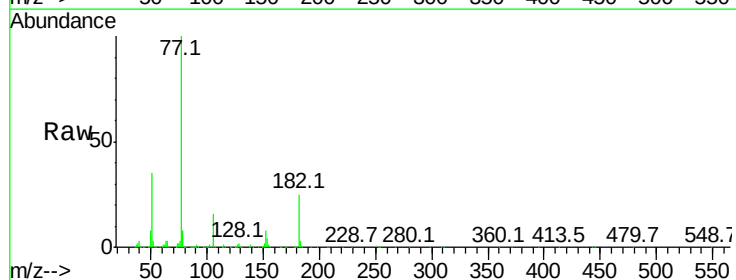
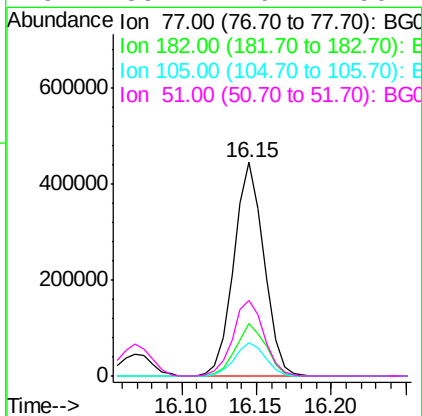
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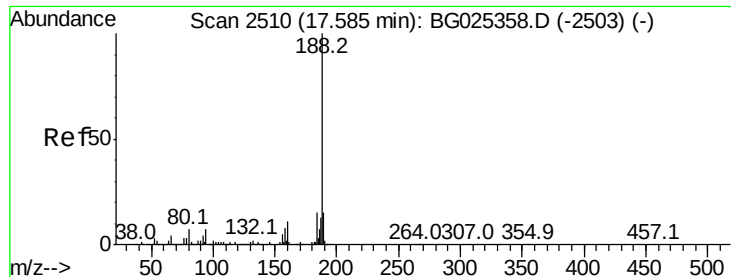
mohammad
1/11/2017 9:10:56 AM



#62
Azobenzene
Concen: 49.55 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.7	44.7
105	15.6	0.0	36.3
51	35.2	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

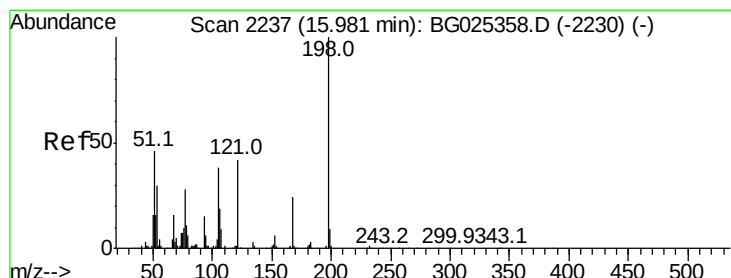
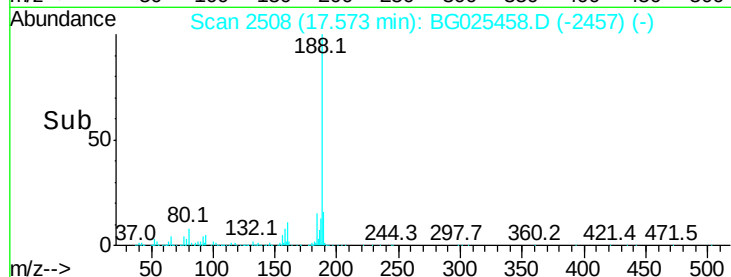
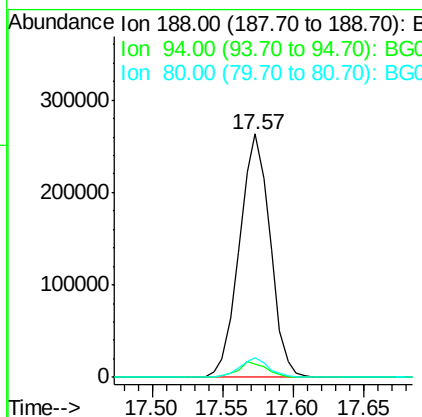
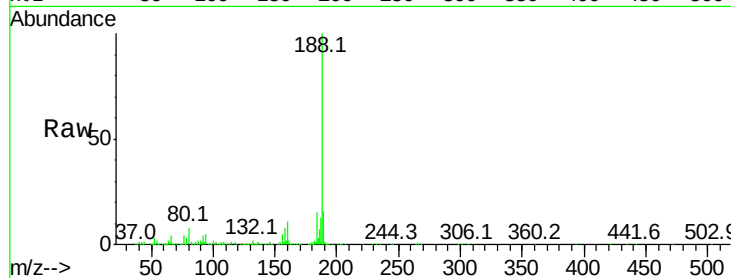
ClientSampleId :

PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	400612		
94	5.2		5.8	8.8#
80	8.3		7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.05 ng

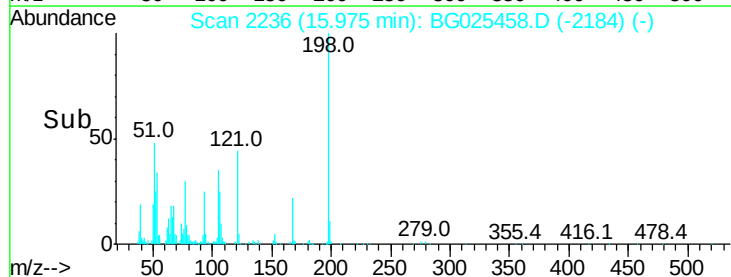
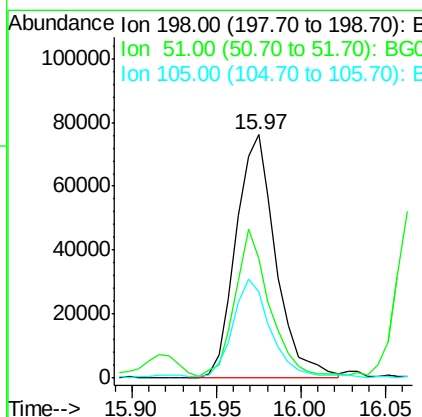
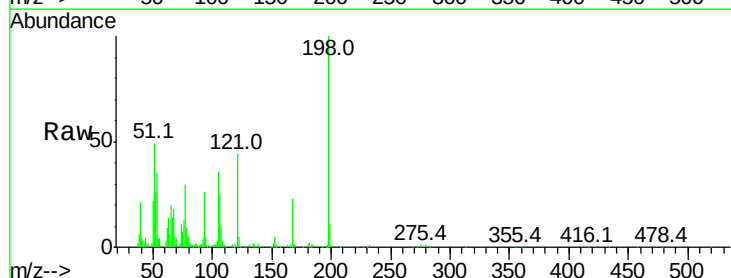
RT: 15.97 min Scan# 2236

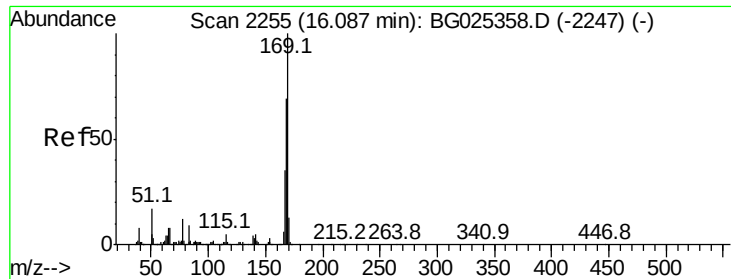
Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	124979		
51	48.9		22.6	62.6
105	35.5		14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 46.80 ng

RT: 16.07 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

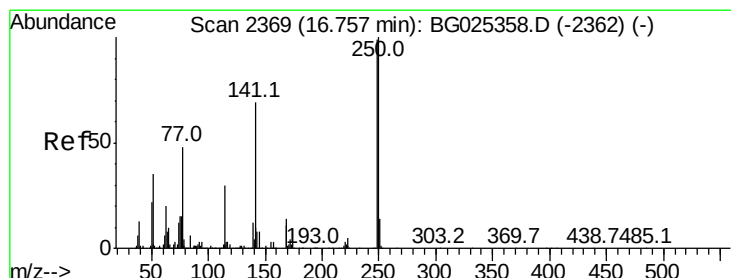
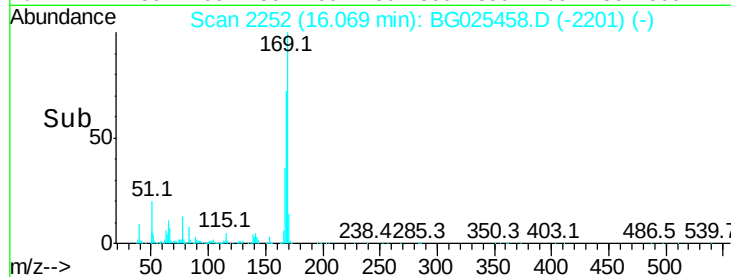
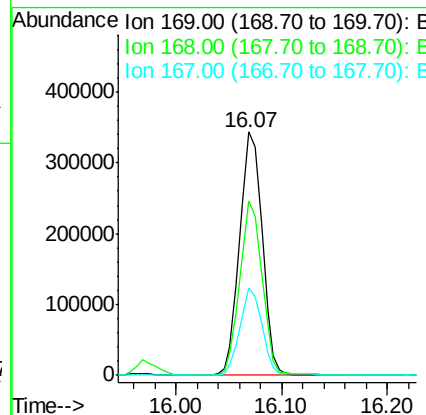
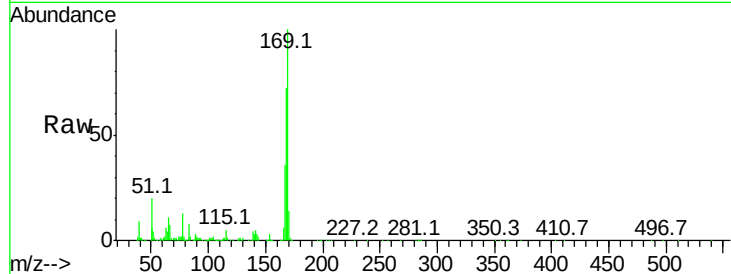
ClientSampleId :

PB95862BS

Tot Ion:	169	Resp:	506805
Ion Ratio	Lower	Upper	
169	100		
168	71.7	55.7	83.5
167	35.7	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 46.39 ng

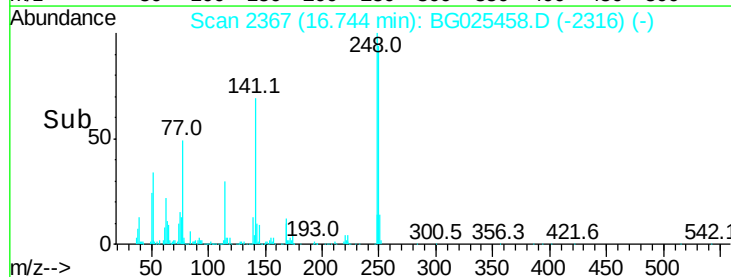
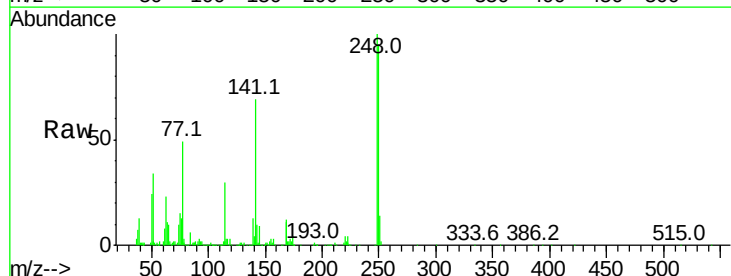
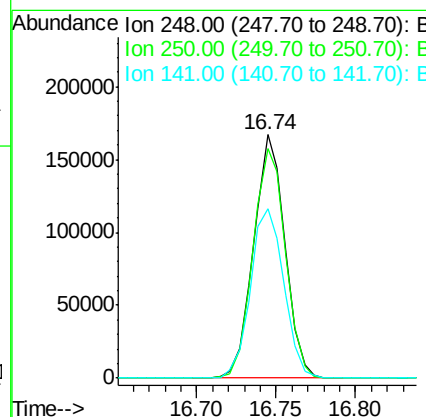
RT: 16.74 min Scan# 2367

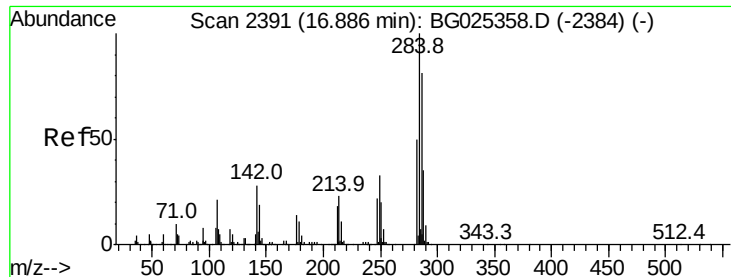
Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion:	248	Resp:	229300
Ion Ratio	Lower	Upper	
248	100		
250	94.5	75.0	112.6
141	69.5	55.2	82.8





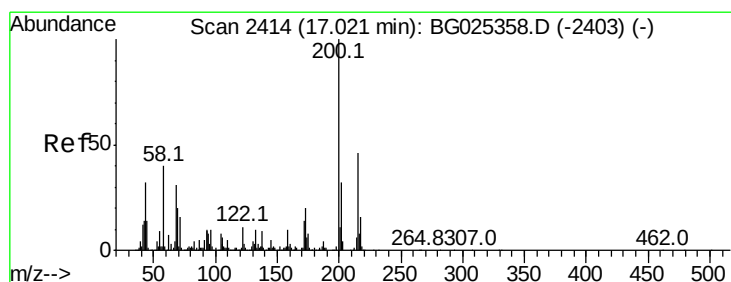
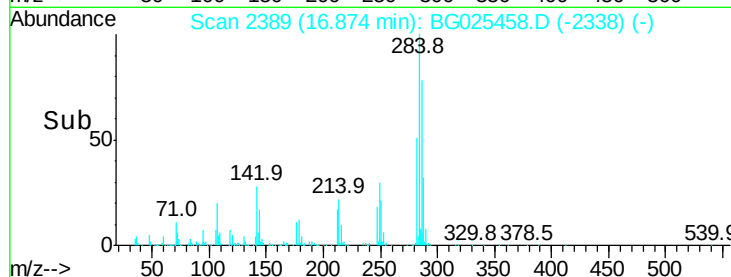
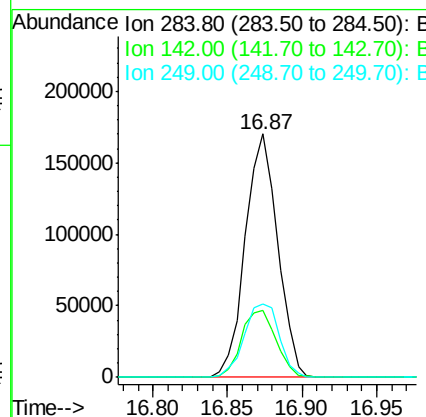
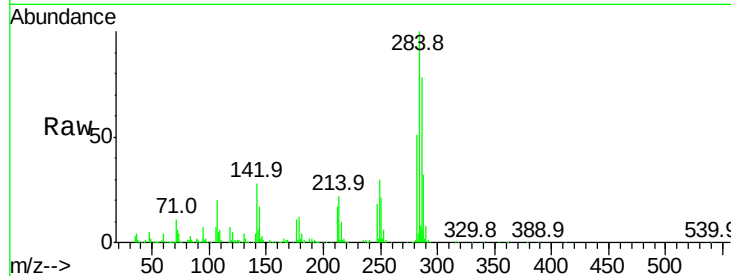
#67
Hexachlorobenzene
Concen: 45.09 ng
RT: 16.87 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.7	29.9	44.9#	
249	30.2	29.2	43.8	

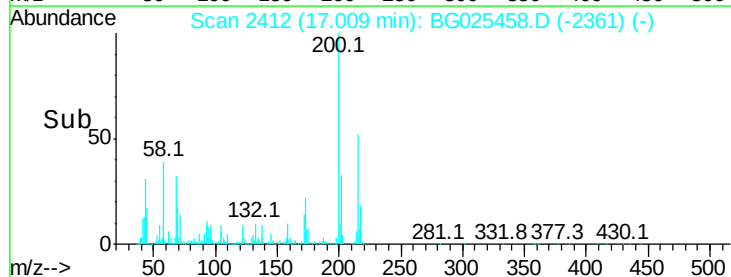
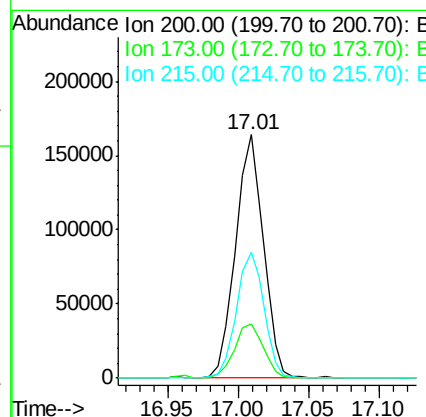
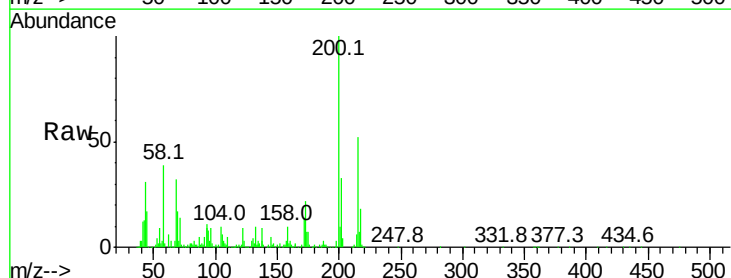
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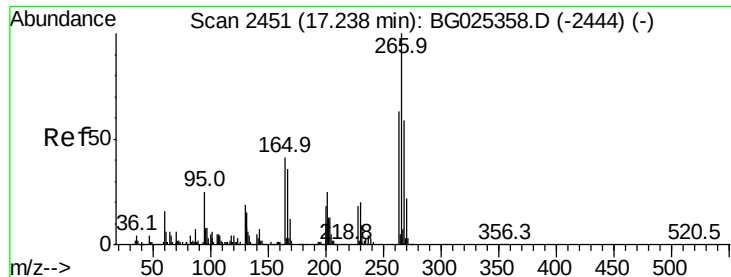
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#68
Atrazine
Concen: 47.78 ng
RT: 17.01 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.4	3.0	43.0	
215	51.6	28.4	68.4	





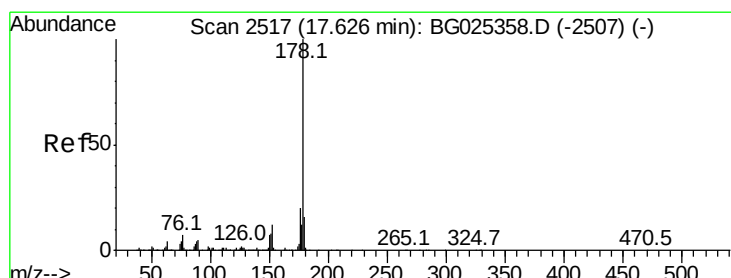
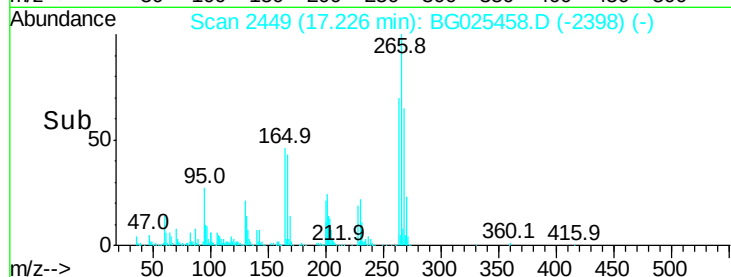
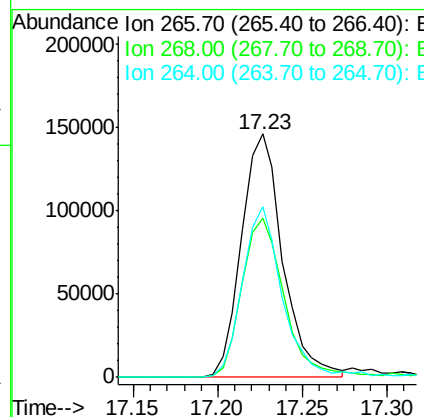
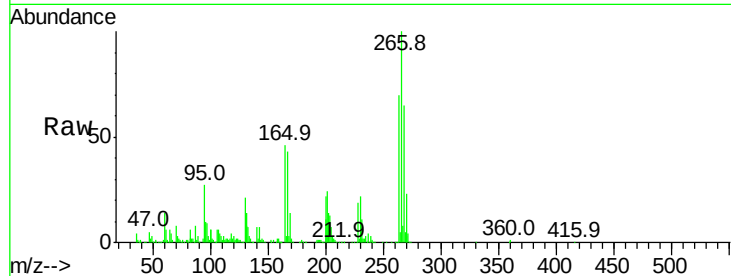
#69
 Pentachlorophenol
 Concen: 84.82 ng
 RT: 17.23 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	249380		
268	65.4	48.6	72.8	
264	69.8	50.1	75.1	

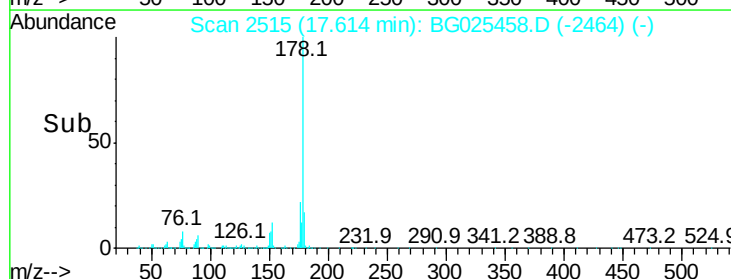
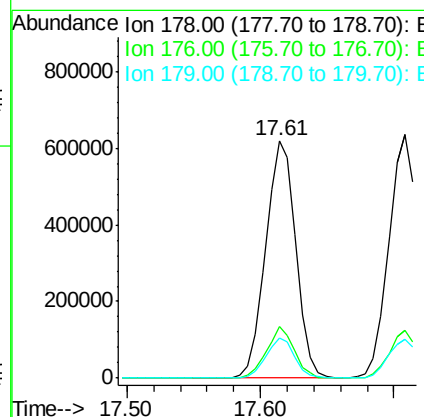
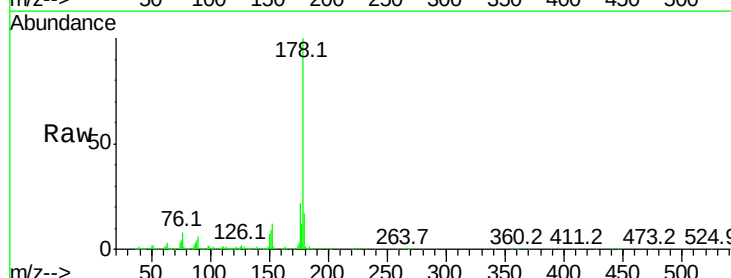
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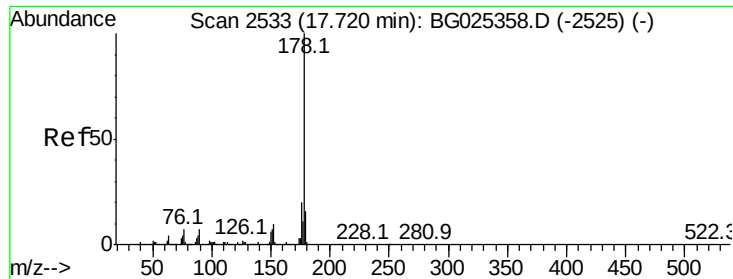
mohammad
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#70
 Phenanthrene
 Concen: 46.67 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	963503		
176	21.9	17.7	26.5	
179	16.7	15.0	22.6	





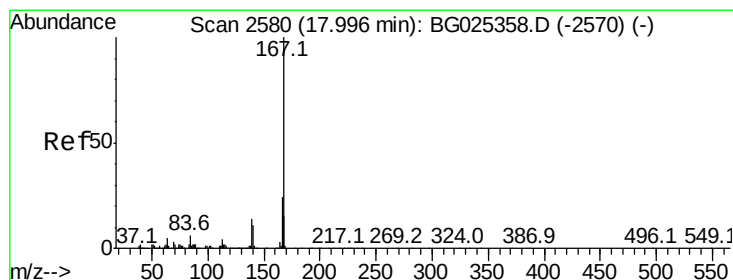
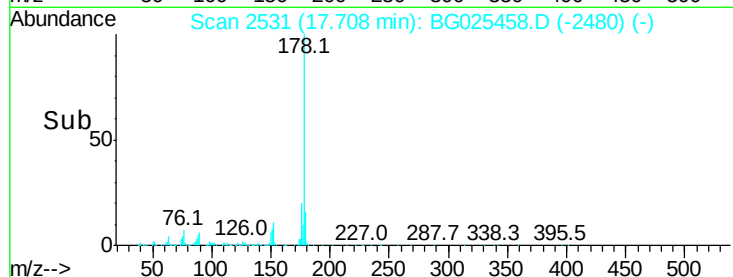
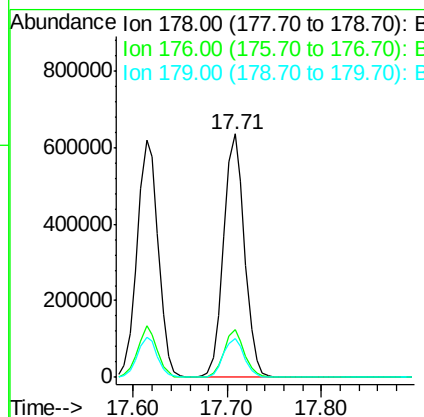
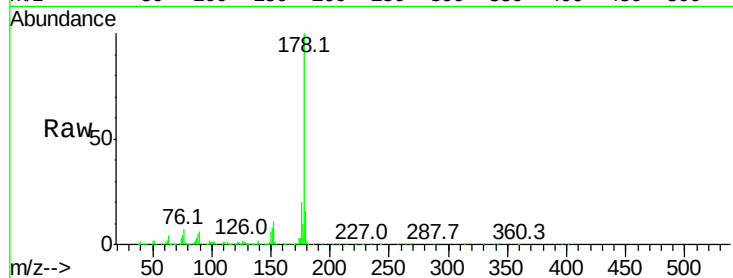
#71
 Anthracene
 Concen: 46.92 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	16.0	13.8	20.8

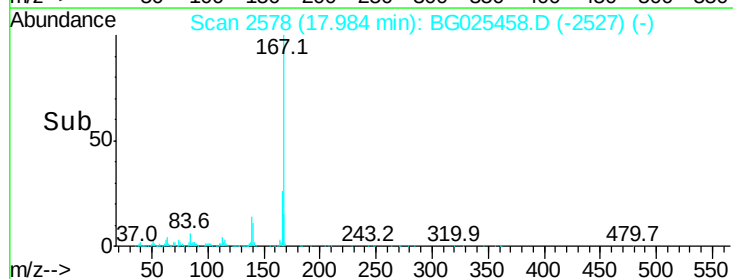
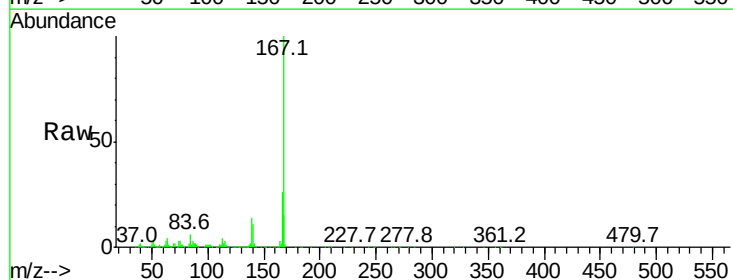
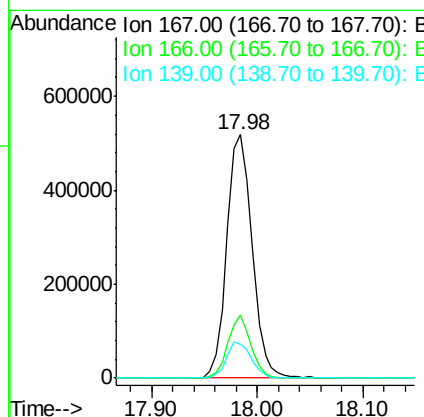
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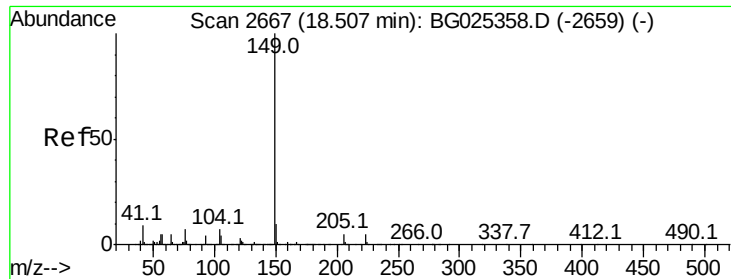
mohammad
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#72
 Carbazole
 Concen: 45.91 ng
 RT: 17.98 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.9	20.2	30.2
139	14.0	12.8	19.2





#73

Di-n-butylphthalate

Concen: 46.11 ng

RT: 18.50 min Scan# 2665

Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

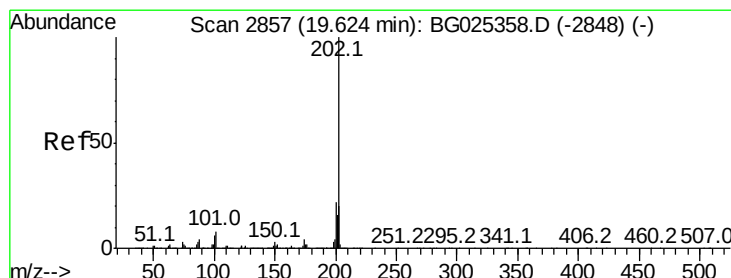
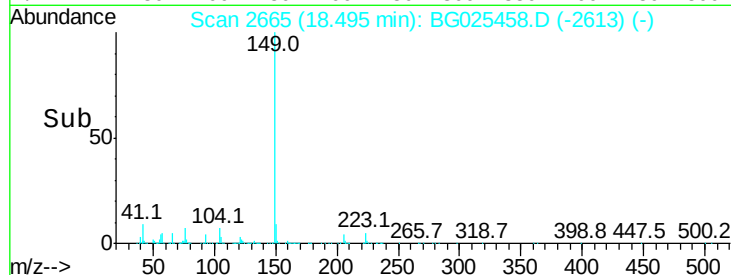
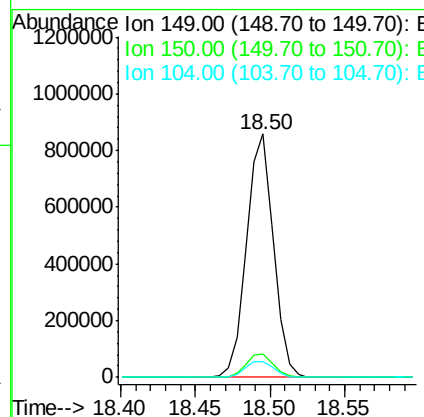
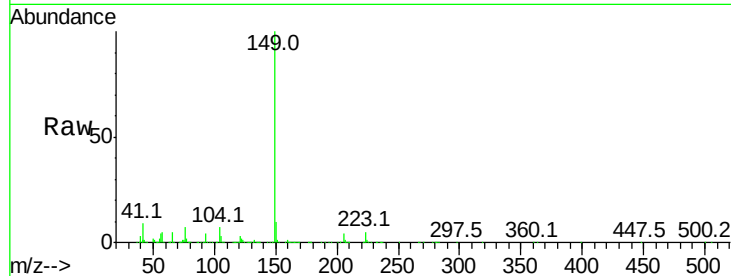
ClientSampleId :

PB95862BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	9.1	13.7
104	6.7	6.7	10.1

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#74

Fluoranthene

Concen: 47.31 ng

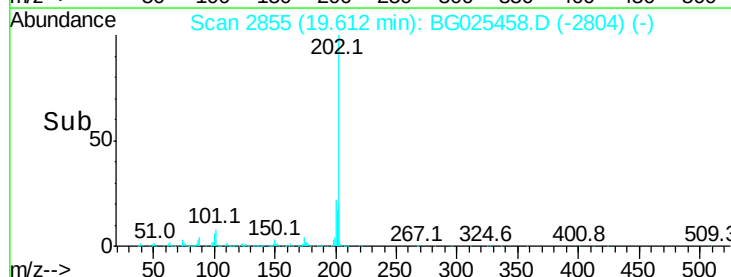
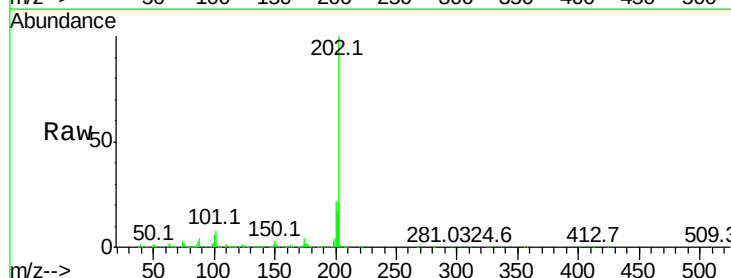
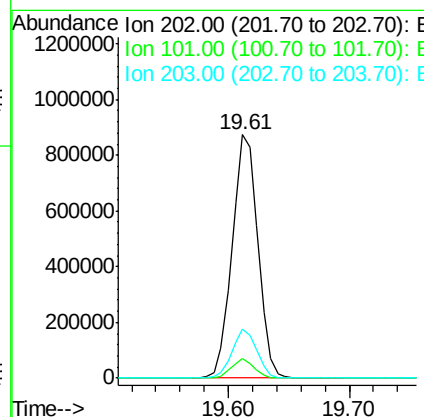
RT: 19.61 min Scan# 2855

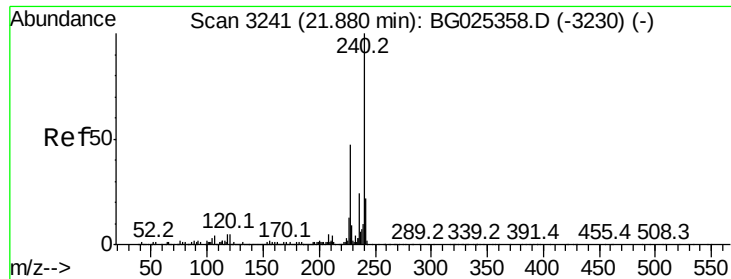
Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.1
203	20.2	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

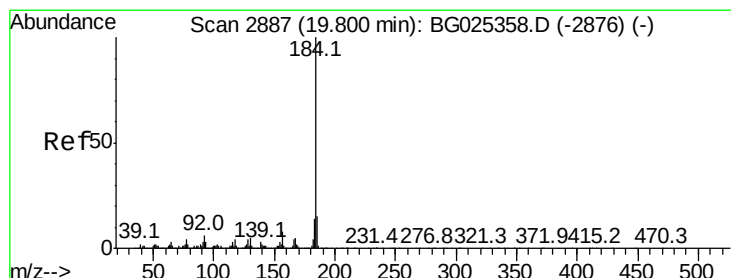
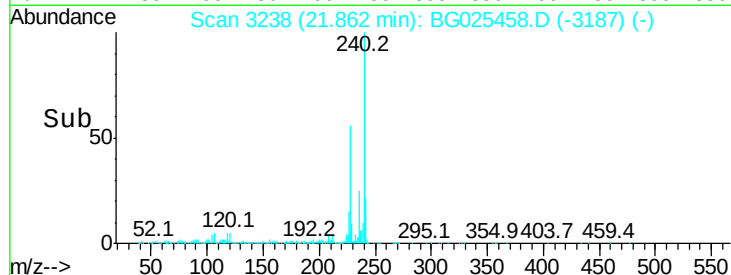
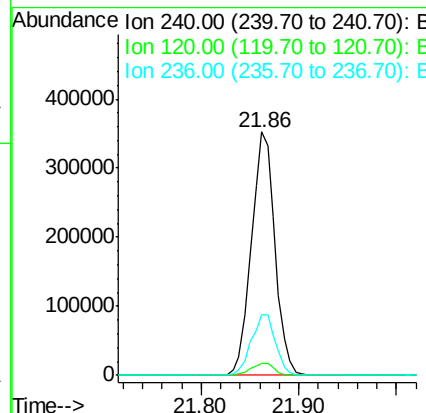
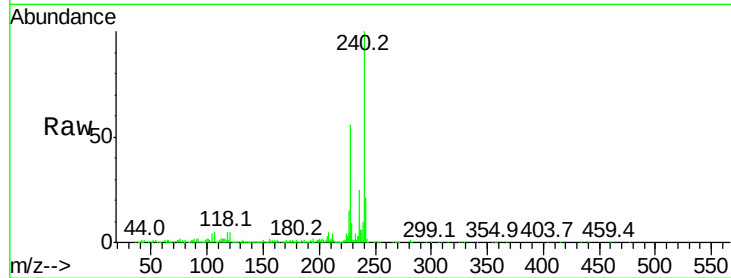
ClientSampleId :

PB95862BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.7	8.5#
236	25.0	22.2	33.4

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#76

Benzidine

Concen: 29.16 ng

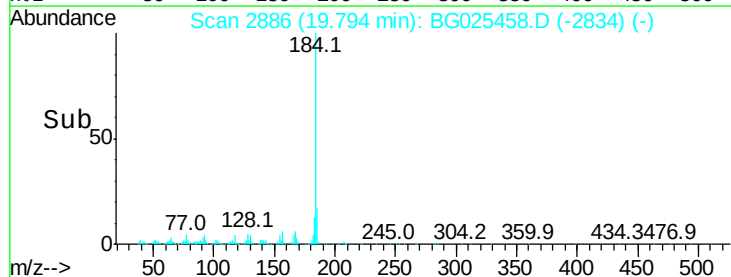
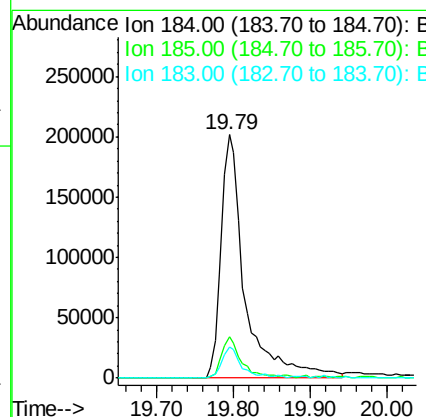
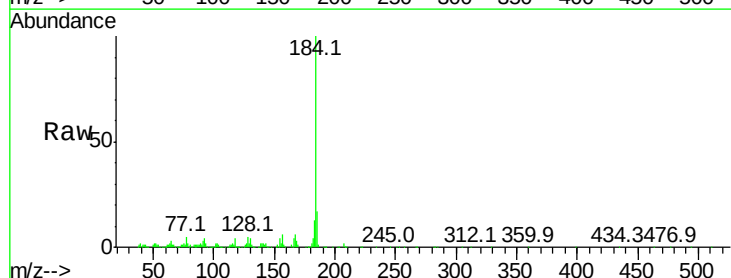
RT: 19.79 min Scan# 2886

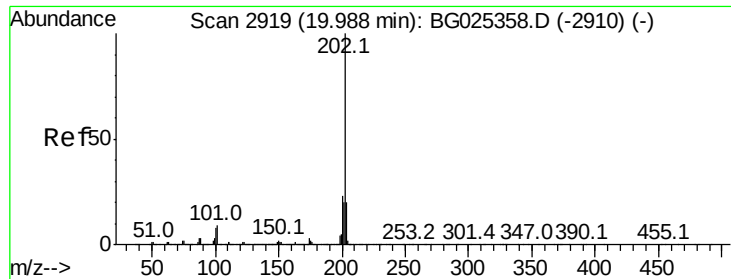
Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.0	19.6
183	12.7	11.0	16.6





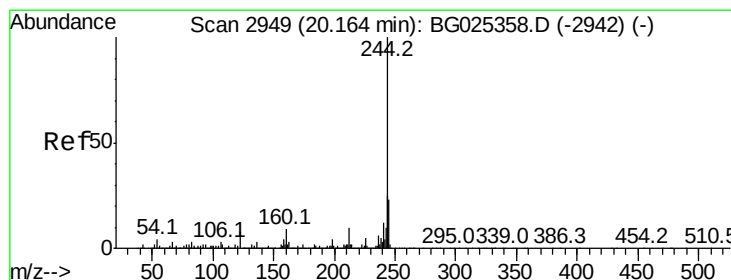
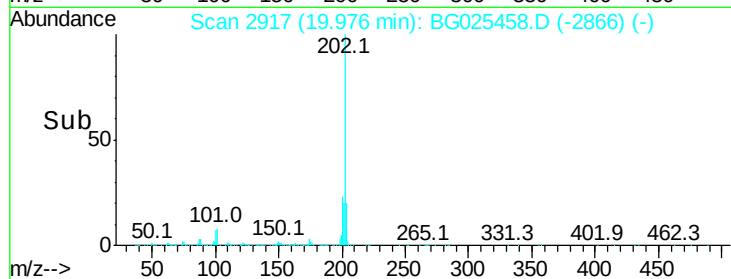
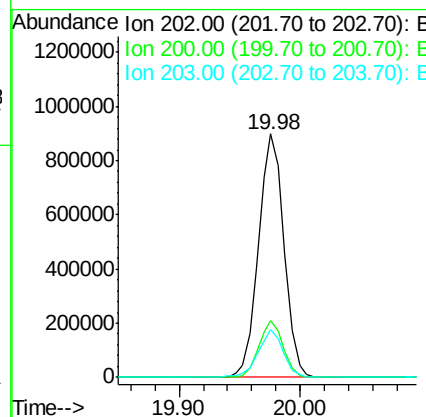
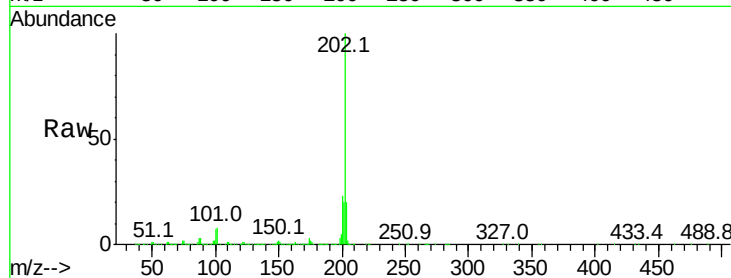
#77
Pvrene
Concen: 42.46 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.6	29.4
203	19.8	15.8	23.8

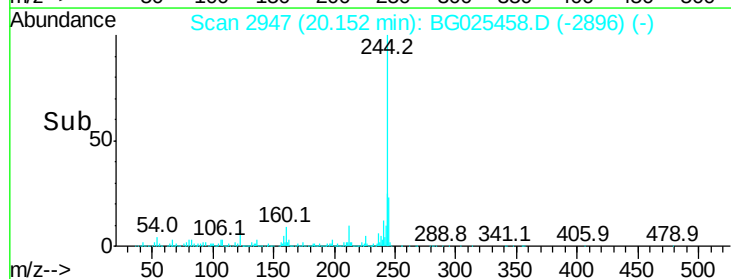
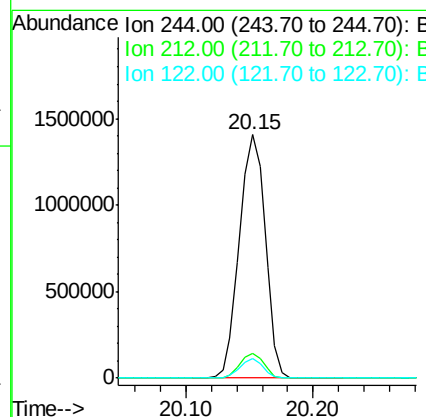
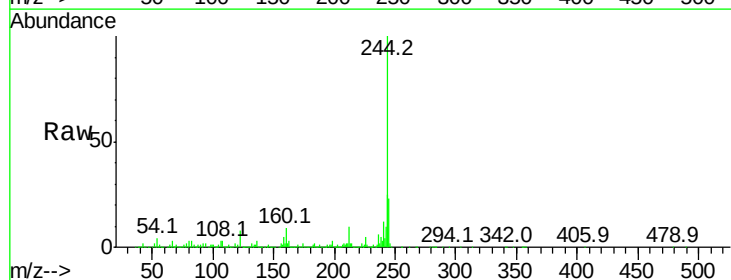
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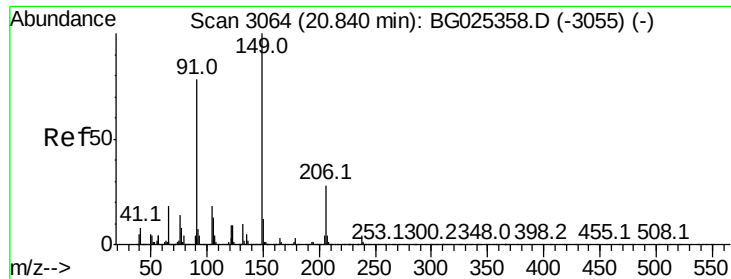
mohammad
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#78
Terphenyl-d14
Concen: 88.60 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	8.2	8.6	12.8





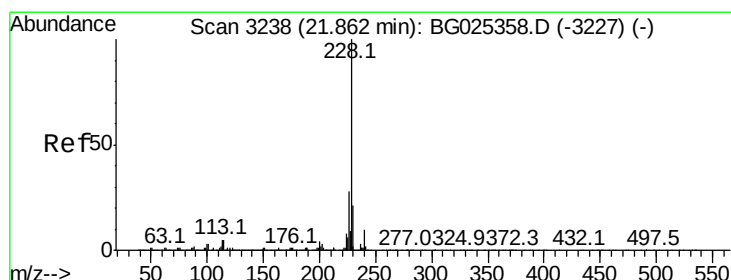
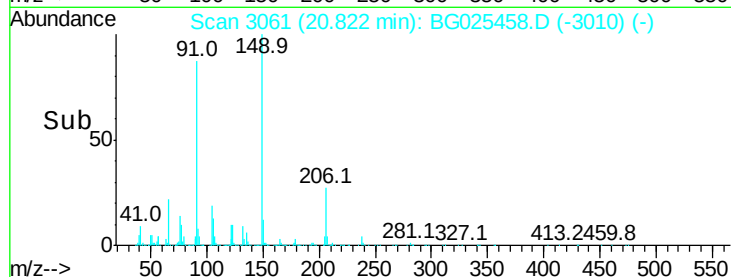
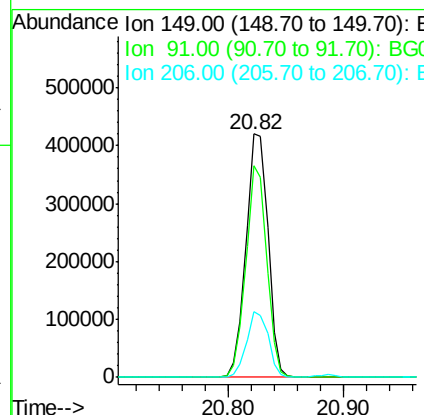
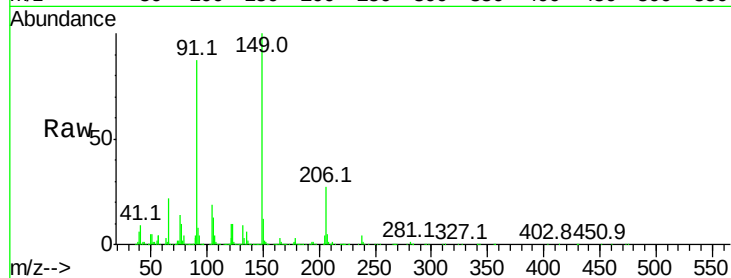
#79
Butylbenzylphthalate
Concen: 44.72 ng
RT: 20.82 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	86.8	63.5	95.3
206	26.7	21.0	31.6

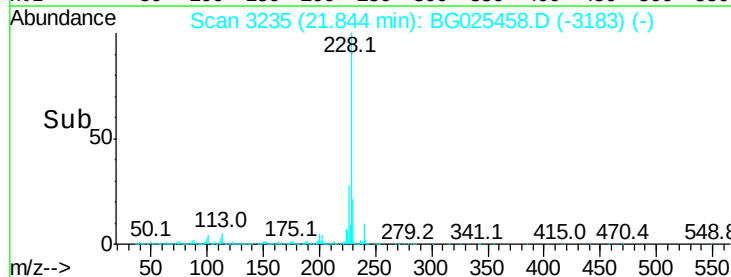
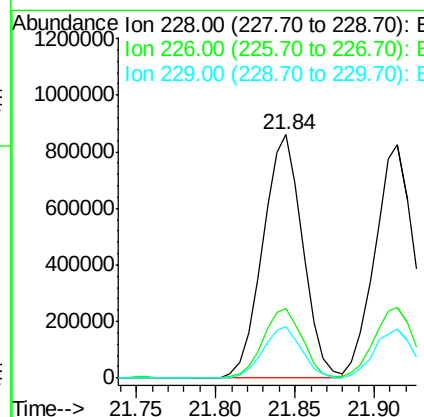
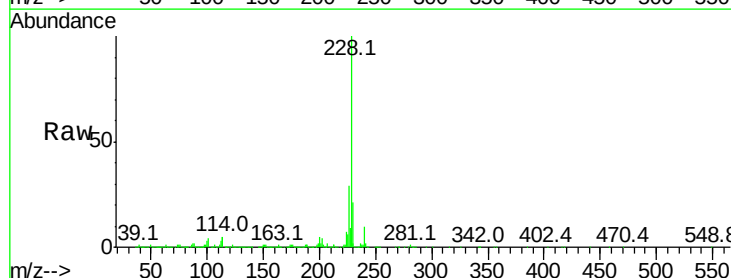
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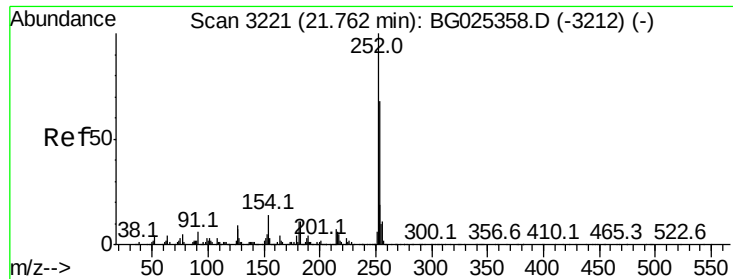
mohammad
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#80
Benzo(a)anthracene
Concen: 45.31 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.9	37.3
229	21.3	18.2	27.2





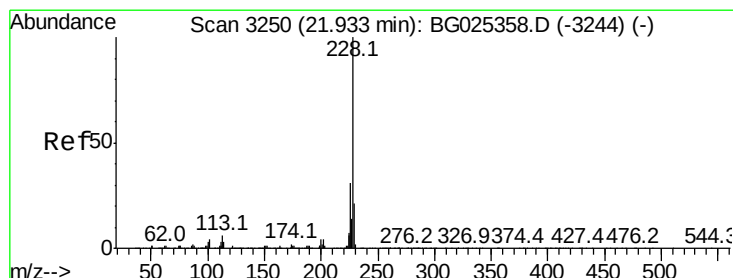
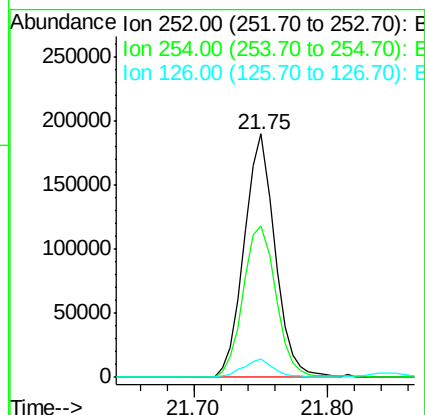
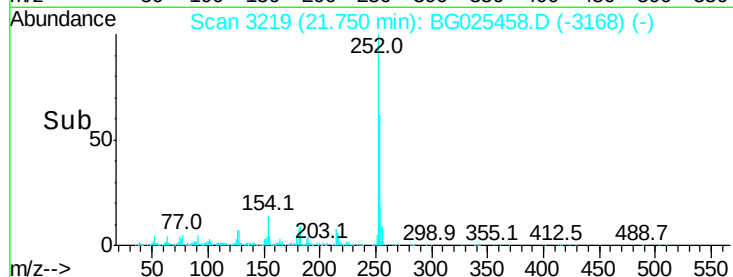
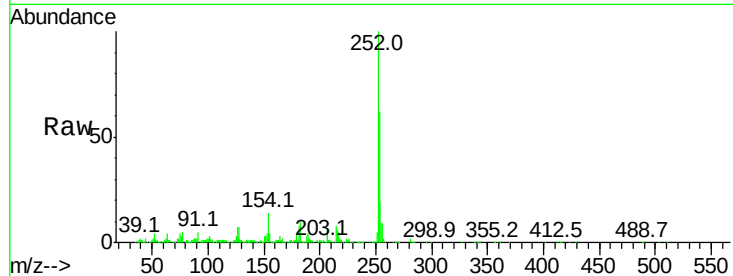
#81
3,3'-Dichlorobenzidine
Concen: 23.53 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampled :
PB95862BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	53.1	79.7
126	7.4	7.0	10.4

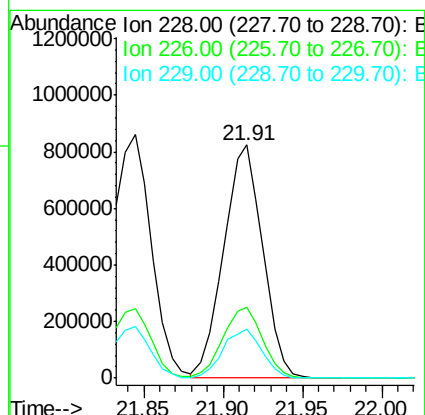
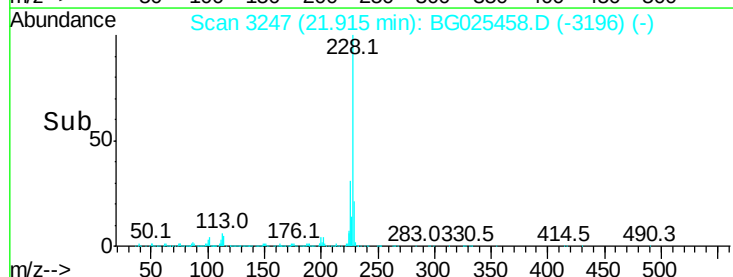
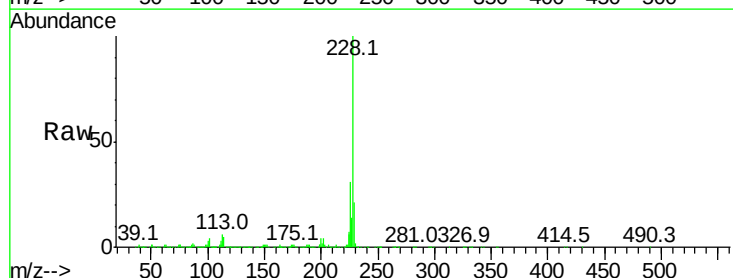
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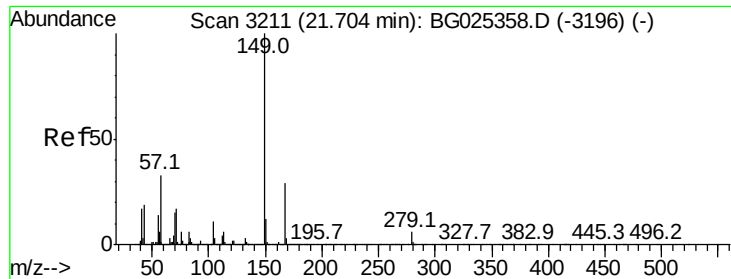
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#82
Chrysene
Concen: 43.99 ng
RT: 21.91 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	27.0	40.4
229	21.0	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.19 ng

RT: 21.69 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BG025458.D

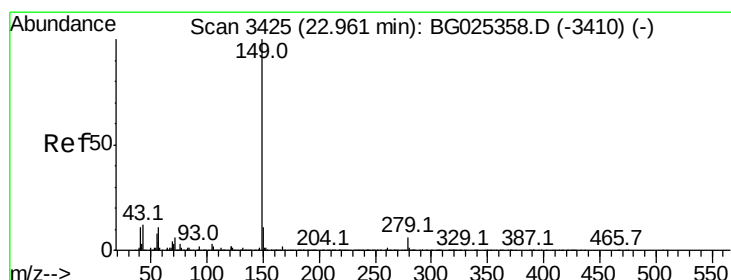
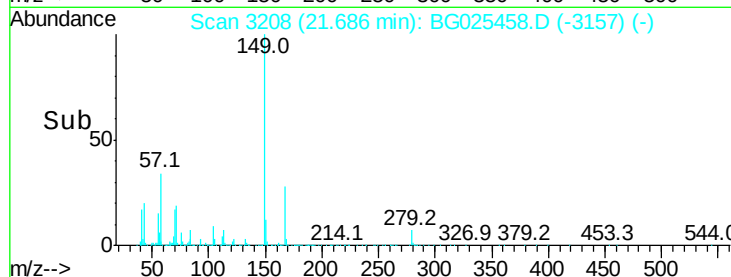
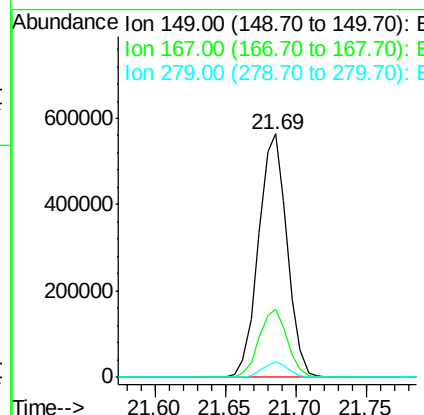
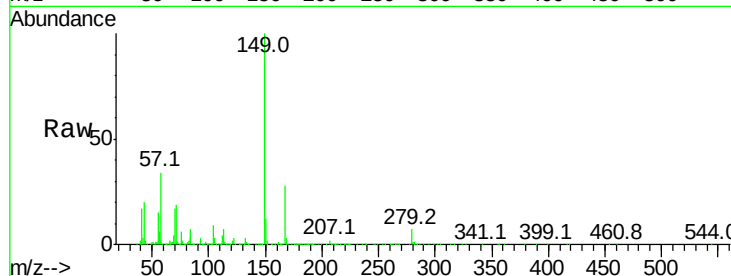
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.7	35.5
279	6.5	4.6	6.8

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#84

Di-n-octyl phthalate

Concen: 48.18 ng

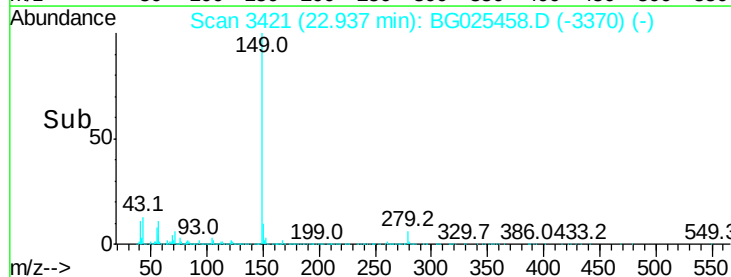
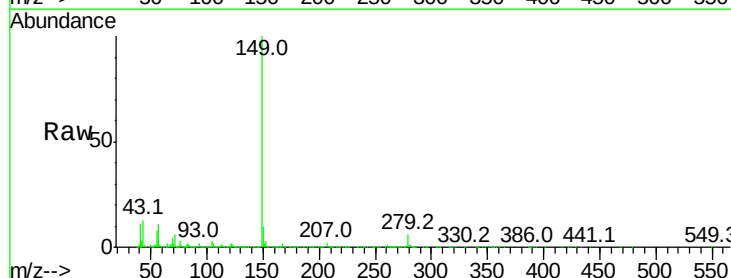
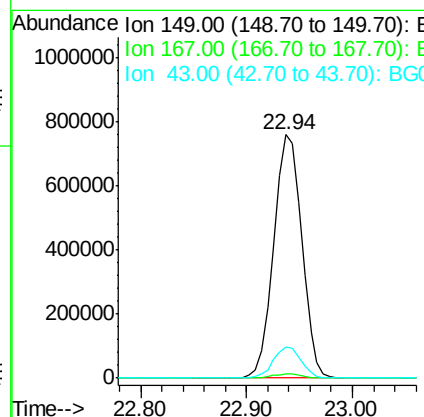
RT: 22.94 min Scan# 3421

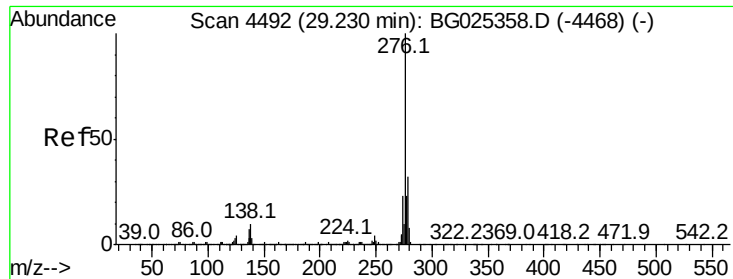
Delta R.T. -0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.2
43	12.5	11.8	17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.65 ng

RT: 29.19 min Scan# 4485

Delta R.T. -0.01 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Instrument :

BNA_G

ClientSampleId :

PB95862BS

Tot Ion:276 Resp: 1927436

Ion Ratio Lower Upper

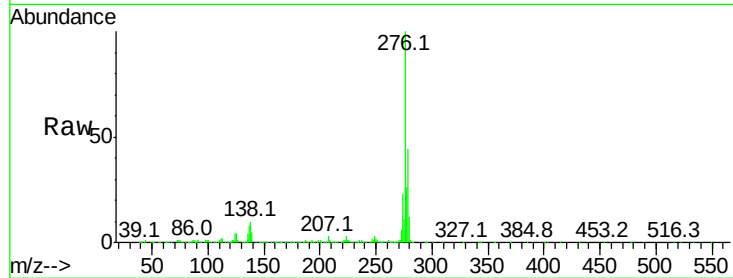
276 100

138 4.7 4.7 7.1

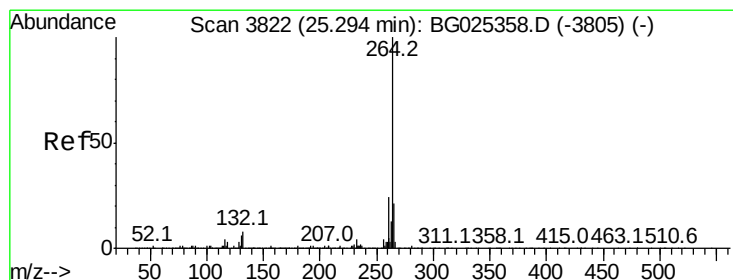
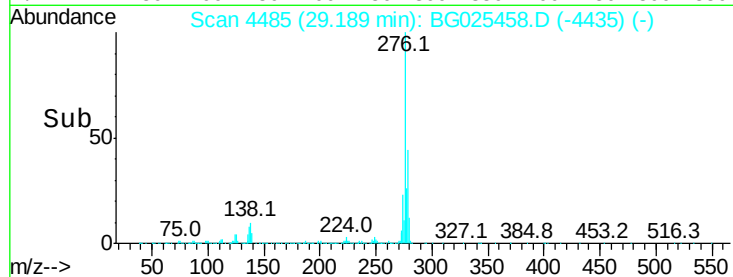
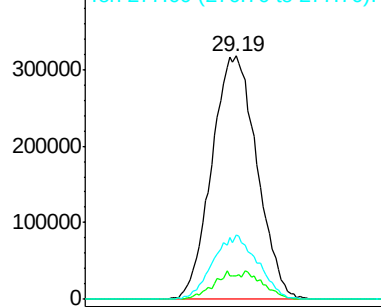
277 26.2 20.6 31.0

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. -0.01 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

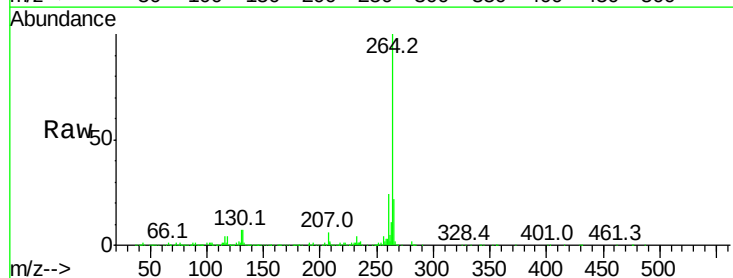
Tgt Ion:264 Resp: 642798

Ion Ratio Lower Upper

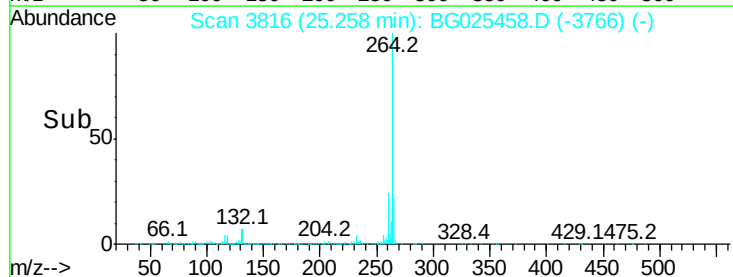
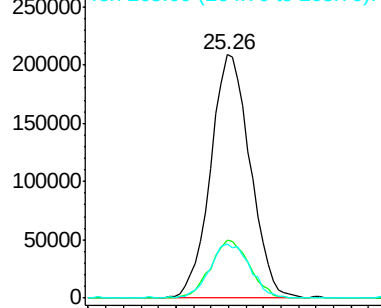
264 100

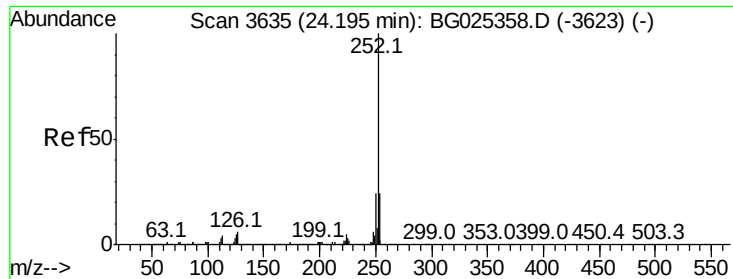
260 23.7 21.8 32.8

265 22.3 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.21 ng

RT: 24.17 min Scan# 3631

Delta R.T. -0.00 min

Lab File: BG025458.D

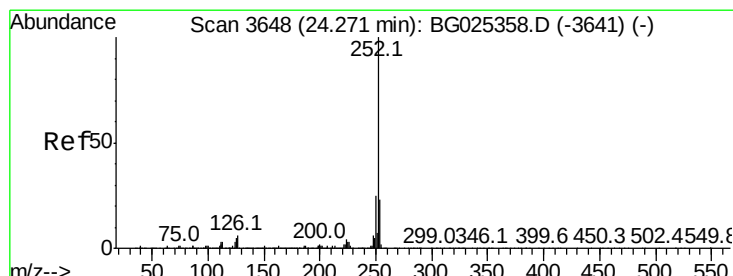
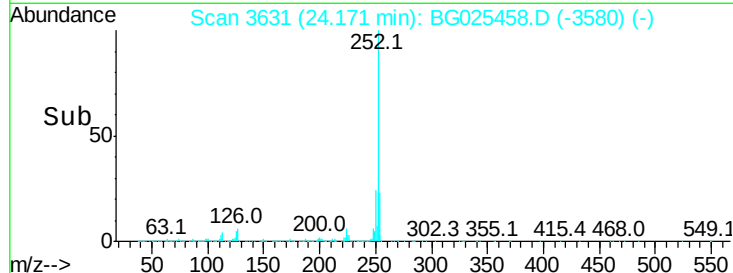
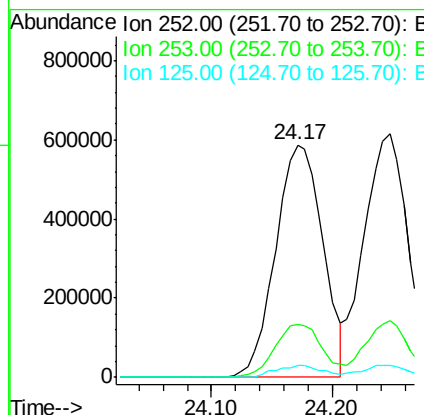
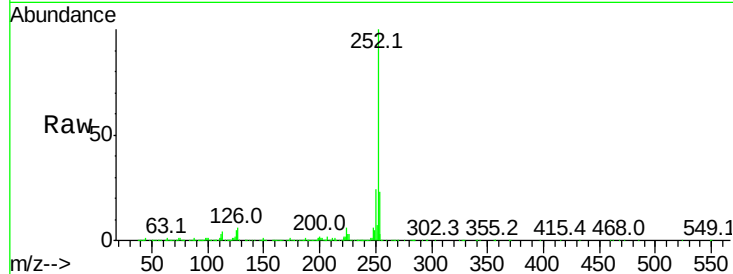
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	5.1	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 45.89 ng

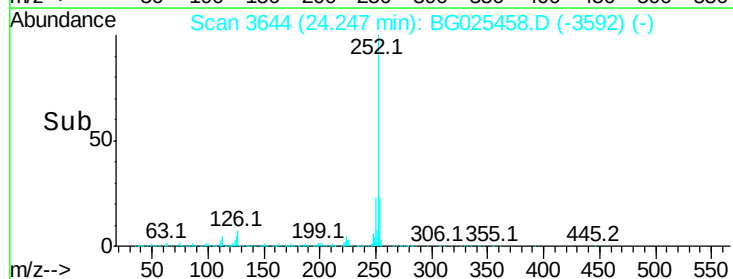
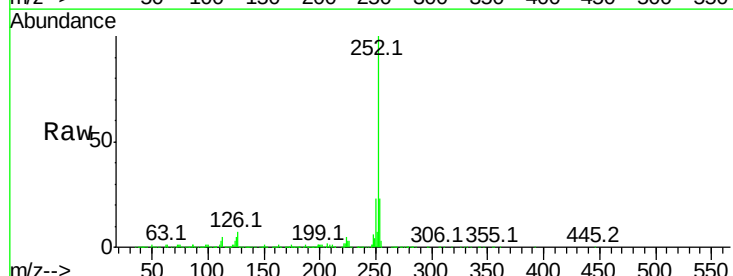
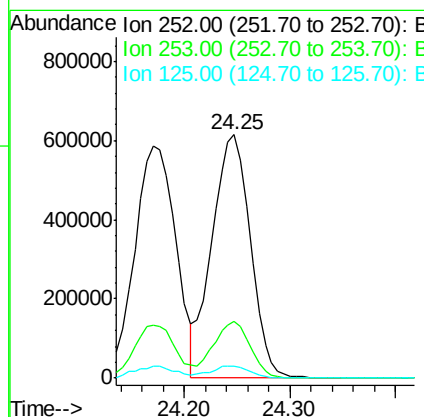
RT: 24.25 min Scan# 3644

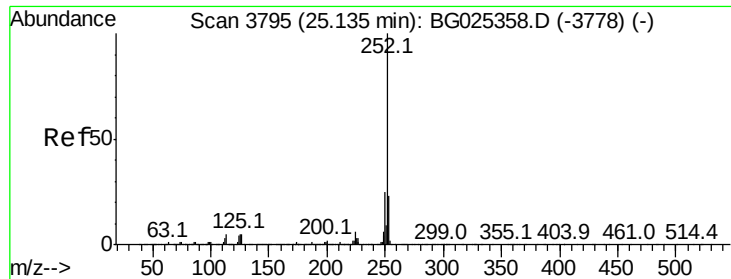
Delta R.T. 0.00 min

Lab File: BG025458.D

Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.2
125	4.8	5.1	7.7#





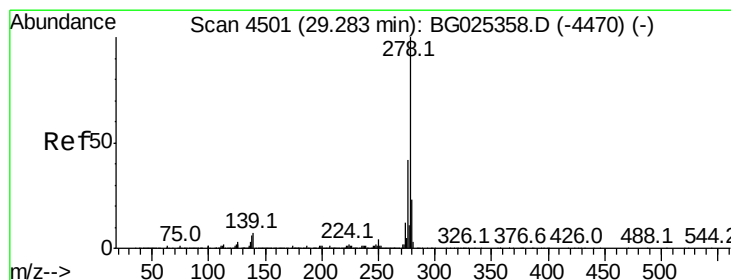
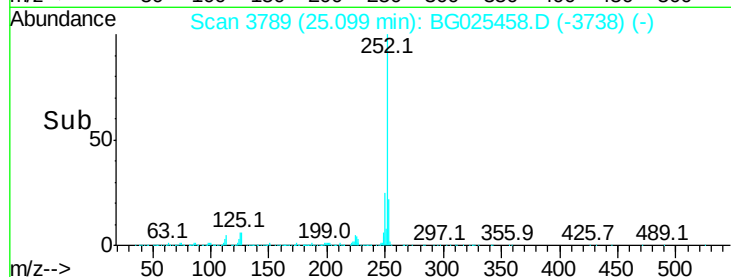
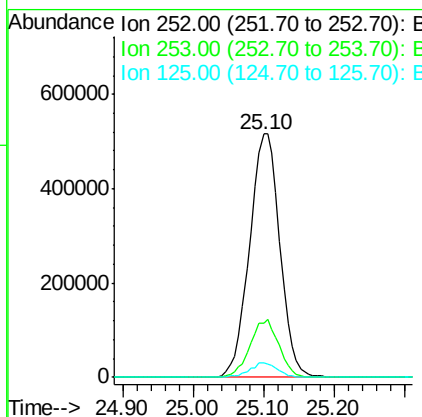
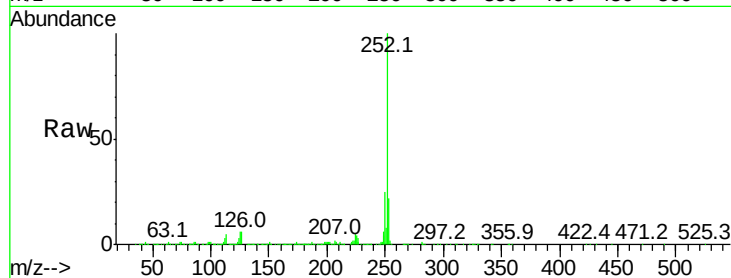
#89
Benzo(a)pyrene
Concen: 45.69 ng
RT: 25.10 min Scan# 3789
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.2	28.8
125	5.7	5.4	8.0

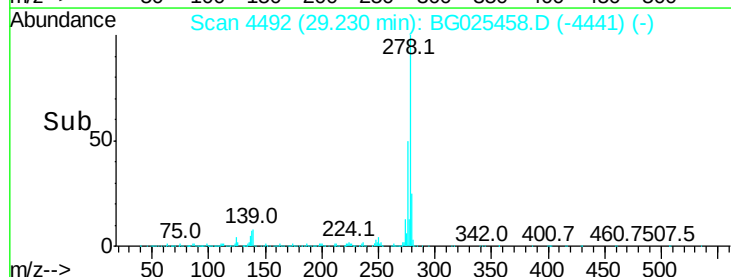
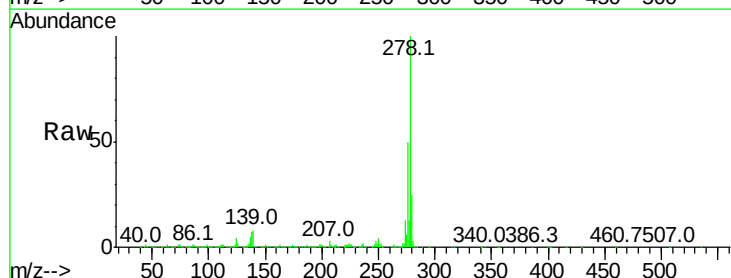
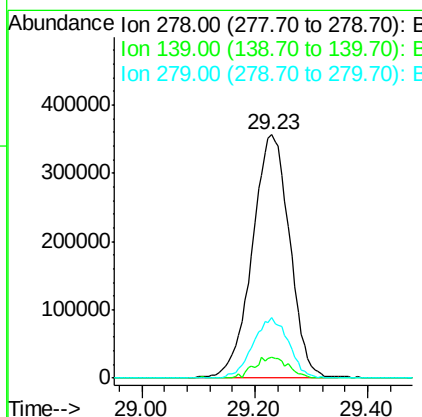
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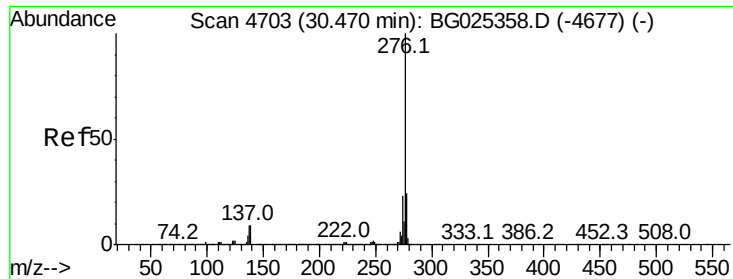
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#90
Dibenzo(a,h)anthracene
Concen: 45.63 ng
RT: 29.23 min Scan# 4492
Delta R.T. -0.00 min
Lab File: BG025458.D
Acq: 10 Jan 2017 19:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.5	7.7	11.5
279	25.0	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 45.21 ng
 RT: 30.41 min Scan# 4693
 Delta R.T. -0.01 min
 Lab File: BG025458.D
 Acq: 10 Jan 2017 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.6	27.8
138	10.5	8.1	12.1

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