

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026014.D
 Acq On : 1 Mar 2017 2:23
 Operator : SJ/MA
 Sample : PB97225BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Manual Integrations
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mohammad
 3/1/2017 3:07:21 PM

Quant Time: Mar 01 03:29:09 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	111522	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	537475	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	366789	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	928036	20.00	ng	0.00
75) Chrysene-d12	21.66	240	915310	20.00	ng	-0.02
86) Perylene-d12	24.86	264	909930	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	841104	131.31	ng	0.00
7) Phenol-d6	7.23	99	1176378	124.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	641884	75.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	505875	149.28	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1694991	80.75	ng	-0.02
78) Terphenyl-d14	20.01	244	2391964	63.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	81166	27.72	ng	# 82
3) Pyridine	3.93	79	235001	26.94	ng	# 74
4) n-Nitrosodimethylamine	3.84	42	98157	31.29	ng	# 29
6) Aniline	7.40	93	206246	15.65	ng	93
8) 2-Chlorophenol	7.64	128	307135	40.34	ng	86
9) Benzaldehyde	7.21	77	76185	13.56	ng	# 67
10) Phenol	7.26	94	409694	39.77	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	270001	31.89	ng	89
12) 1,3-Dichlorobenzene	7.97	146	296030	33.64	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	302387	33.92	ng	95
14) 1,2-Dichlorobenzene	8.43	146	293144	33.49	ng	91
15) Benzyl Alcohol	8.31	79	278138	40.07	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.61	45	338818	27.58	ng	87
17) 2-Methylphenol	8.51	107	286206	38.57	ng	# 84
18) Hexachloroethane	9.17	117	100527	34.02	ng	89
19) n-Nitroso-di-n-propylamine	8.88	70	224099	32.37	ng	# 79
20) 3+4-Methylphenols	8.84	107	404296	38.24	ng	86
22) Acetophenone	8.89	105	439125	34.05	ng	# 80
24) Nitrobenzene	9.28	77	322260	34.99	ng	# 78
25) Isophorone	9.79	82	634741	33.87	ng	# 92
26) 2-Nitrophenol	9.99	139	174864	40.60	ng	# 68
27) 2,4-Dimethylphenol	10.04	122	329429	40.98	ng	89
28) bis(2-Chloroethoxy)methane	10.28	93	396394	33.37	ng	# 96
29) 2,4-Dichlorophenol	10.52	162	331911	43.26	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	296274	35.51	ng	99
31) Naphthalene	10.93	128	945530	34.03	ng	100
32) Benzoic acid	10.16	122	274763	44.77	ng	# 76
33) 4-Chloroaniline	11.03	127	78417	6.50	ng	# 82
34) Hexachlorobutadiene	11.22	225	160977	33.91	ng	97
35) Caprolactam	11.79	113	144285m	46.57	ng	
36) 4-Chloro-3-methylphenol	12.14	107	402010	43.80	ng	# 82
37) 2-Methylnaphthalene	12.52	142	754356	35.64	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	335972	36.55	ng	99
40) Hexachlorocyclopentadiene	12.87	237	379306	75.40	ng	94

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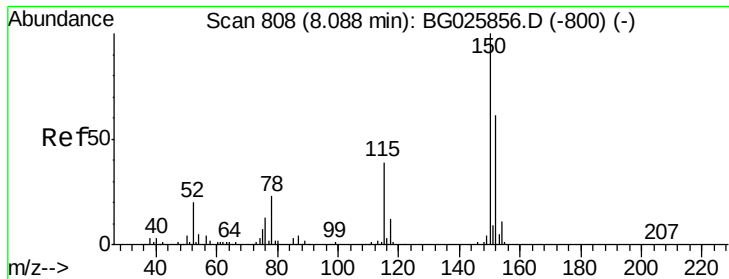
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	281685	47.44	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	310367	46.05	ng	95
45) 1,1'-Biphenyl	13.52	154	1014685	38.17	ng	99
46) 2-Chloronaphthalene	13.57	162	747794	38.92	ng	98
47) 2-Nitroaniline	13.75	65	284606	46.70	ng	# 74
48) Acenaphthylene	14.41	152	1335417	39.03	ng	99
49) Dimethylphthalate	14.13	163	1049286	41.70	ng	98
50) 2,6-Dinitrotoluene	14.25	165	250429	44.31	ng	# 70
51) Acenaphthene	14.75	154	872457	38.61	ng	97
52) 3-Nitroaniline	14.57	138	121566	19.23	ng	# 73
53) 2,4-Dinitrophenol	14.78	184	318339	107.62	ng	# 86
54) Dibenzofuran	15.08	168	1309750	43.48	ng	92
55) 4-Nitrophenol	14.88	139	481092	93.50	ng	# 49
56) 2,4-Dinitrotoluene	15.03	165	368074	48.40	ng	# 80
57) Fluorene	15.72	166	1086046	40.35	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	297364	50.01	ng	96
59) Diethylphthalate	15.49	149	1124173	43.19	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	506391	40.60	ng	95
61) 4-Nitroaniline	15.73	138	297219	45.35	ng	# 58
62) Azobenzene	16.00	77	1040164	46.49	ng	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	221975	40.87	ng	92
65) n-Nitrosodiphenylamine	15.92	169	1004002	35.67	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	347406	35.72	ng	95
67) Hexachlorobenzene	16.73	284	352789	35.19	ng	93
68) Atrazine	16.86	200	369286	37.07	ng	97
69) Pentachlorophenol	17.06	266	466268	75.40	ng	96
70) Phenanthrene	17.46	178	1767556	35.09	ng	97
71) Anthracene	17.54	178	1842992	35.88	ng	99
72) Carbazole	17.81	167	1682625	32.61	ng	96
73) Di-n-butylphthalate	18.36	149	1961818	38.73	ng	# 95
74) Fluoranthene	19.45	202	1952428	35.20	ng	94
76) Benzidine	19.62	184	668079	23.12	ng	97
77) Pyrene	19.81	202	1958702	33.84	ng	98
79) Butylbenzylphthalate	20.69	149	884039	40.24	ng	89
80) Benzo(a)anthracene	21.64	228	1878858	35.16	ng	97
81) 3,3'-Dichlorobenzidine	21.55	252	432352	22.69	ng	# 98
82) Chrysene	21.71	228	1703449	33.15	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1243423	39.20	ng	# 98
84) Di-n-octyl phthalate	22.74	149	2147598	41.00	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2251361	37.20	ng	# 87
87) Benzo(b)fluoranthene	23.85	252	1930856	35.43	ng	# 96
88) Benzo(k)fluoranthene	23.91	252	1891996	35.58	ng	# 92
89) Benzo(a)pyrene	24.71	252	1871454	36.27	ng	# 93
90) Dibenzo(a,h)anthracene	28.57	278	1850977	35.70	ng	# 92
91) Benzo(g,h,i)perylene	29.66	276	1879168	36.15	ng	# 86

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



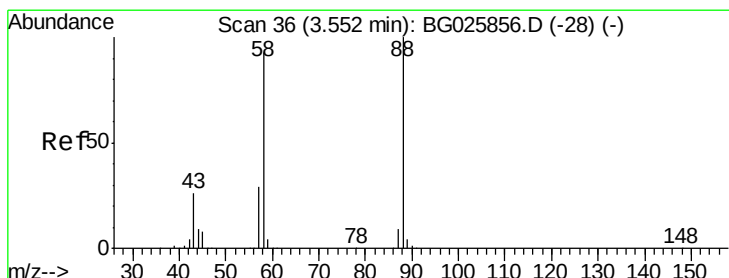
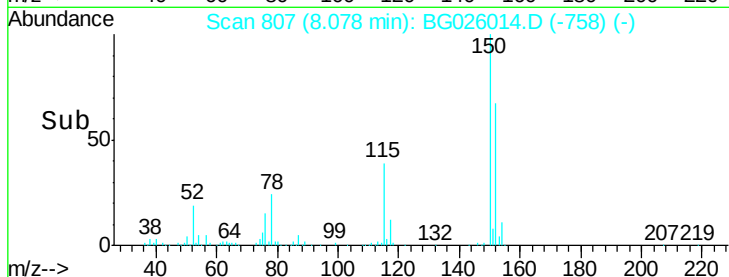
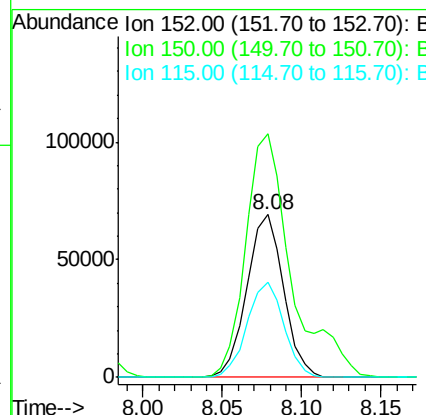
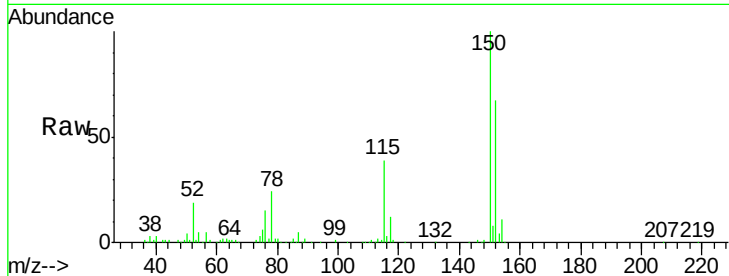
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.08 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.8	114.0	171.0
115	58.2	48.1	72.1

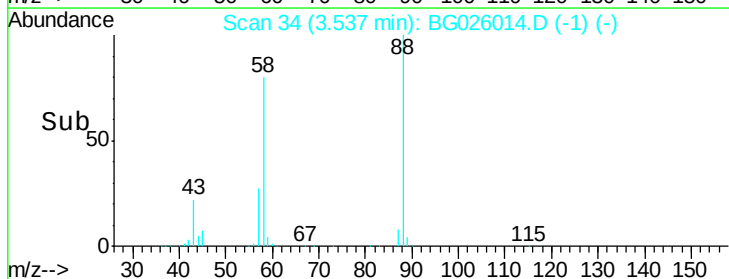
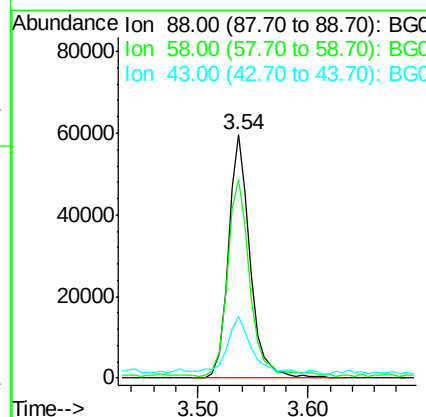
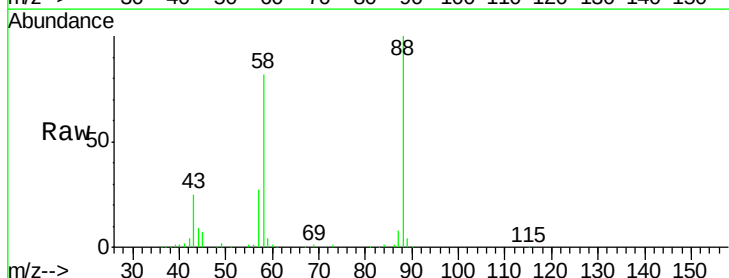
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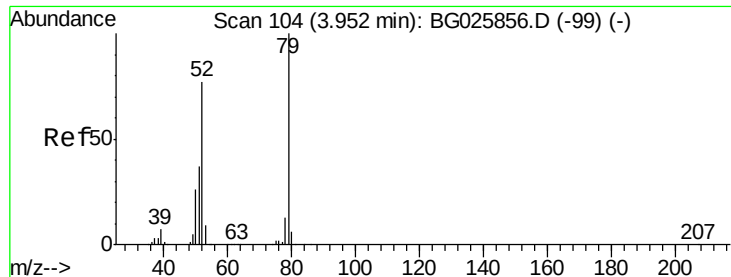
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#2
 1,4-Dioxane
 Concen: 27.72 ng
 RT: 3.54 min Scan# 34
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	79.4	119.2
43	26.9	33.8	50.6





#3

Pyridine

Concen: 26.94 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

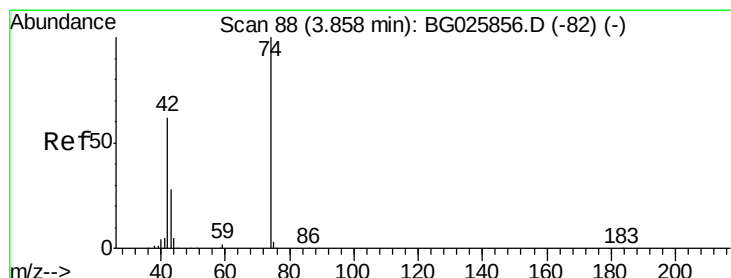
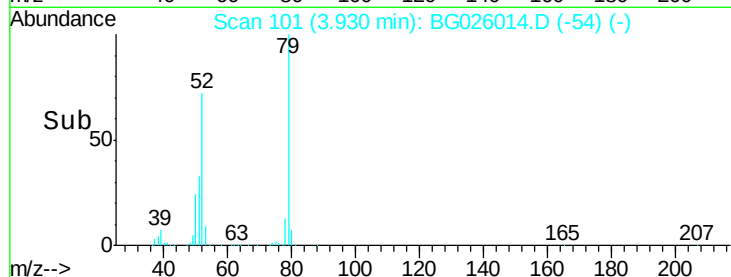
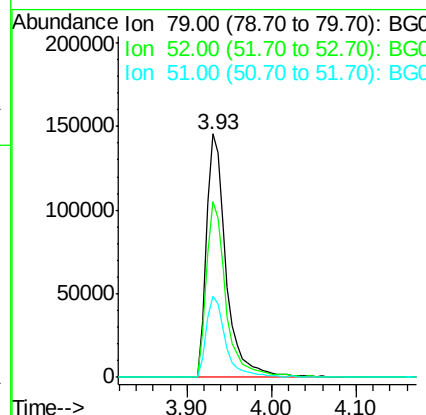
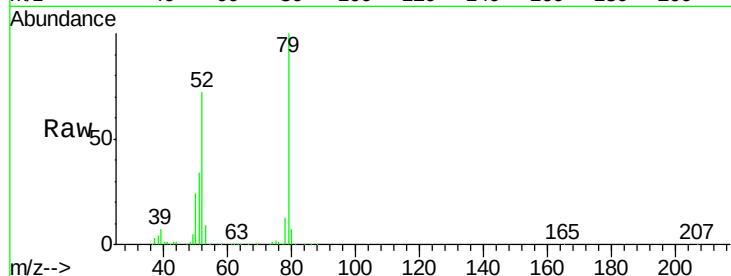
ClientSampleId :

PB97225BS

Tgt Ion:	79	Resp:	235001
Ion	Ratio	Lower	Upper
79	100		
52	72.3	77.8	116.6#
51	33.5	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 31.29 ng

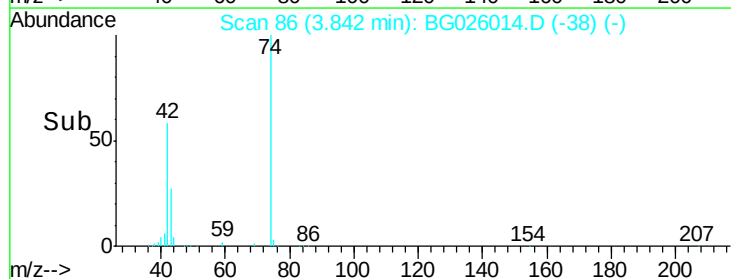
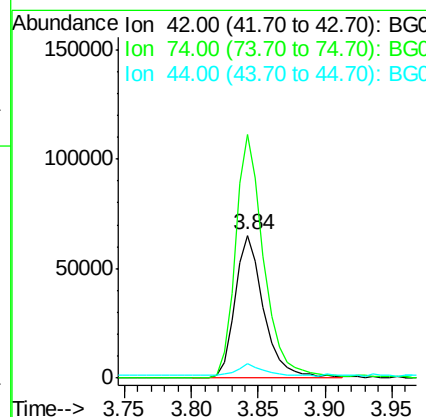
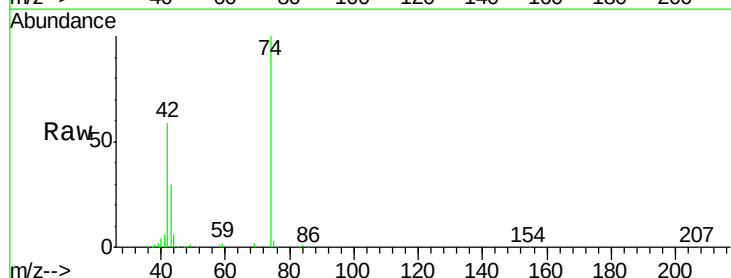
RT: 3.84 min Scan# 86

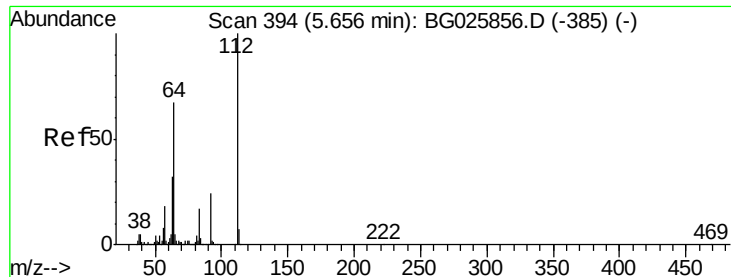
Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	42	Resp:	98157
Ion	Ratio	Lower	Upper
42	100		
74	170.4	76.7	115.1#
44	10.0	6.1	9.1#





#5

2-Fluorophenol

Concen: 131.31 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

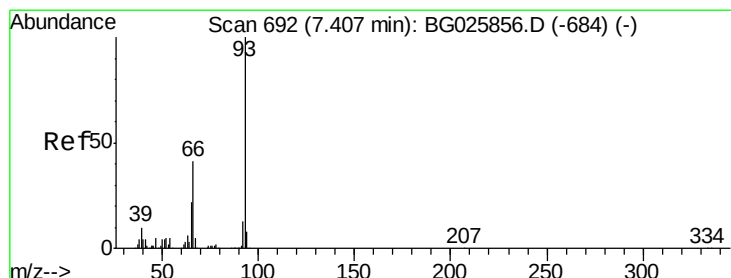
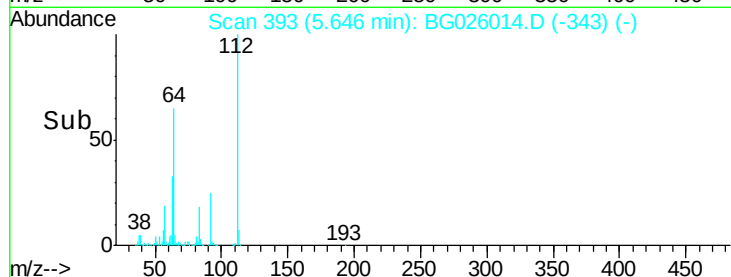
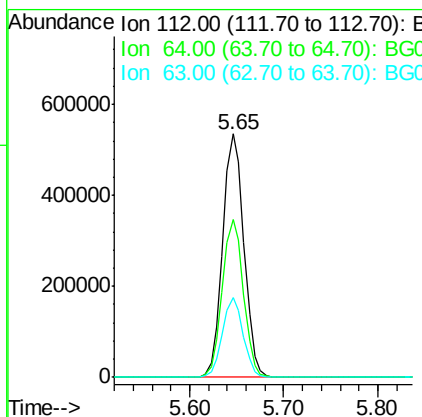
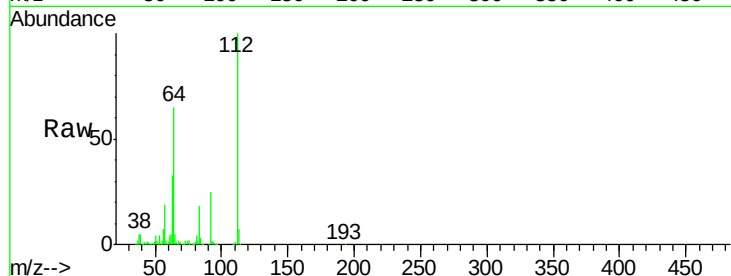
ClientSampleId :

PB97225BS

Tgt Ion:	112	Resp:	841104
Ion Ratio	Lower	Upper	
112	100		
64	65.1	61.8	92.6
63	32.6	37.2	55.8#

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#6

Aniline

Concen: 15.65 ng

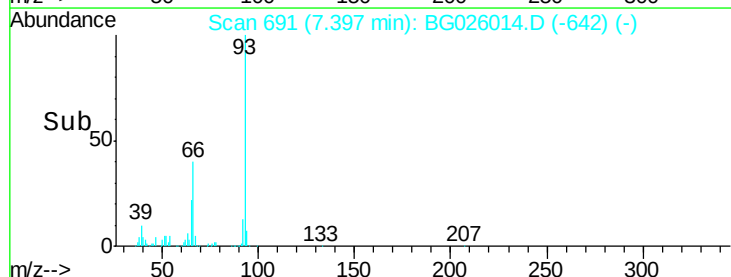
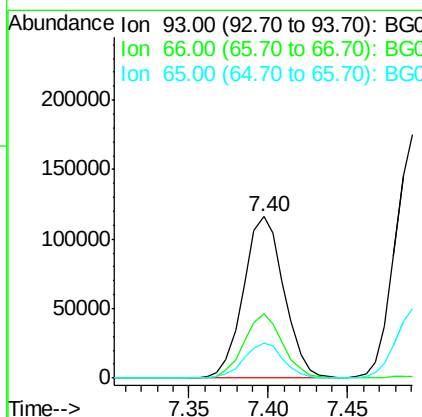
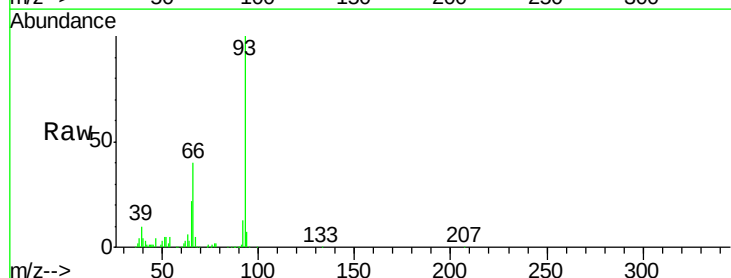
RT: 7.40 min Scan# 691

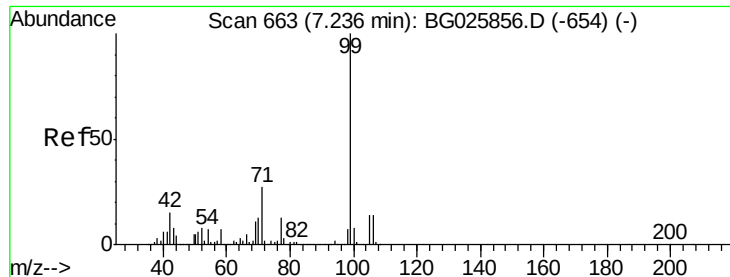
Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	93	Resp:	206246
Ion Ratio	Lower	Upper	
93	100		
66	40.0	35.4	53.2
65	22.1	21.2	31.8





#7

Phenol-d6

Concen: 124.10 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

Tgt Ion: 99 Resp: 1176378

Ion Ratio Lower Upper

99 100

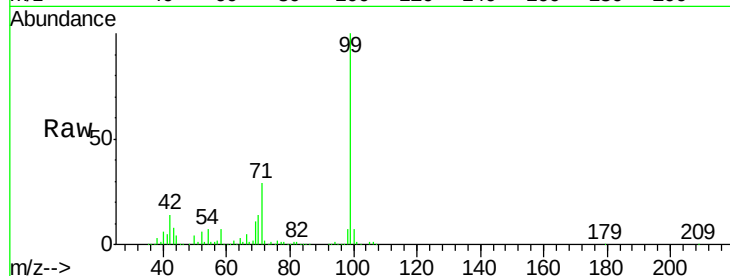
42 14.3 20.5 30.7#

71 28.7 37.6 56.4#

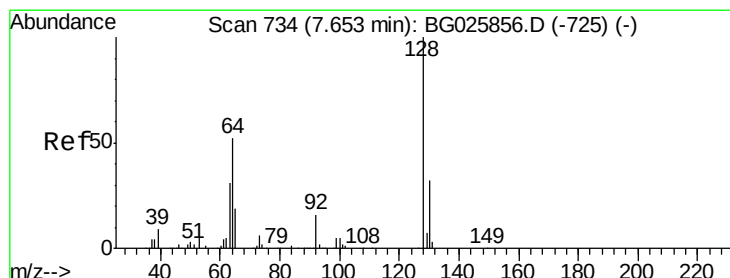
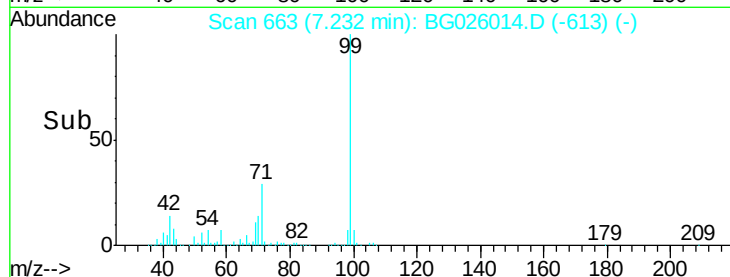
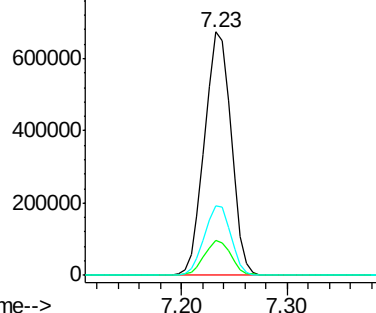
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.34 ng

RT: 7.64 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

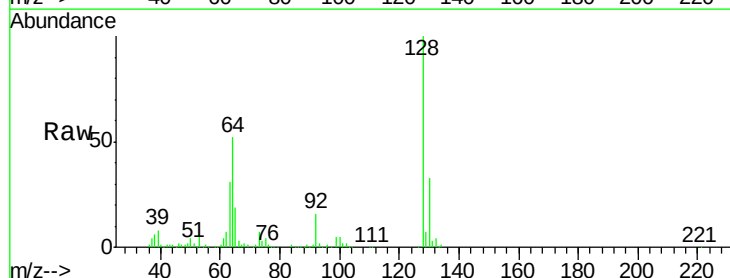
Tgt Ion: 128 Resp: 307135

Ion Ratio Lower Upper

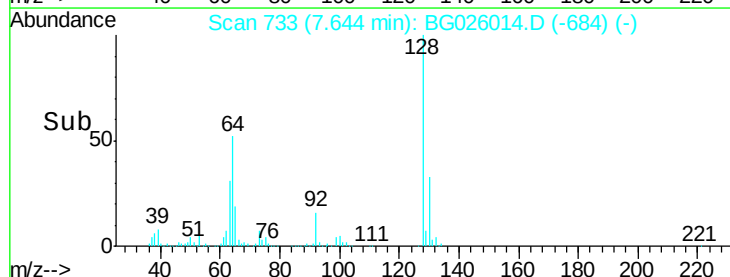
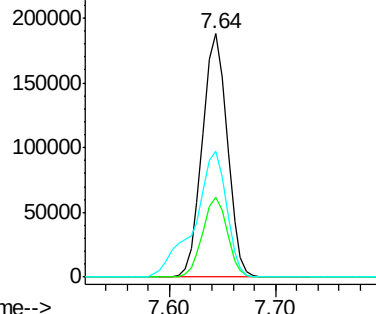
128 100

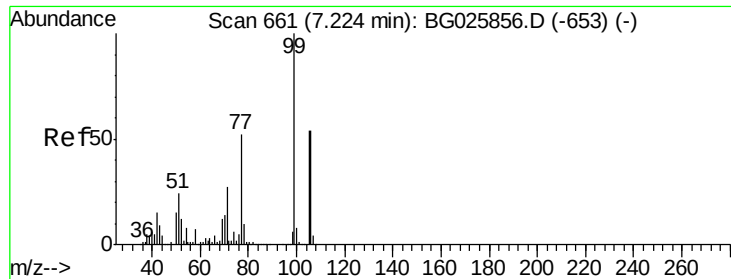
130 32.7 11.4 51.4

64 51.6 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 13.56 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

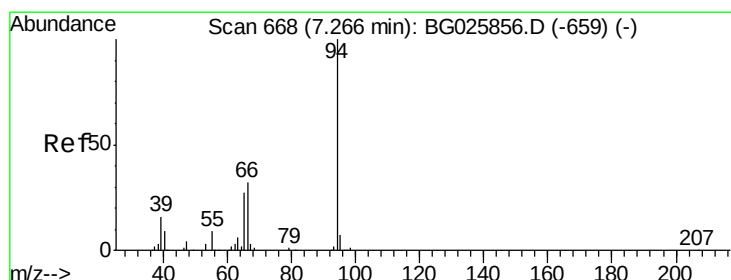
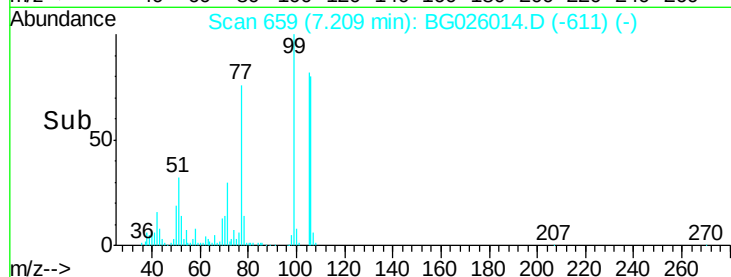
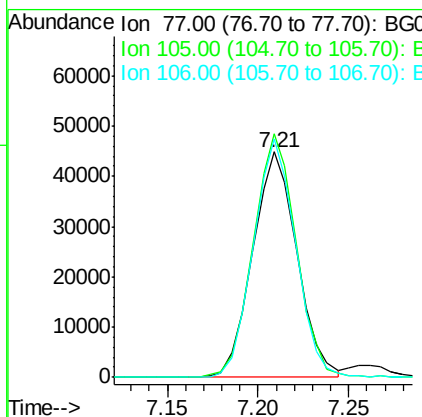
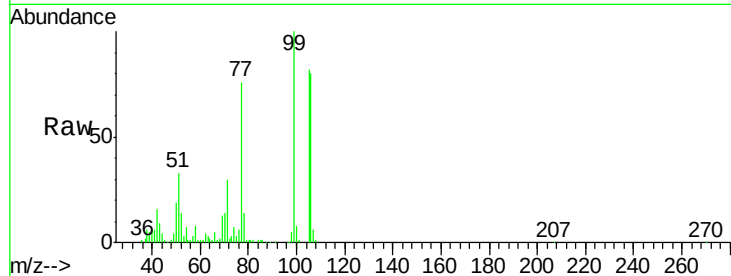
ClientSampleId :

PB97225BS

Tgt Ion:	77	Resp:	76185
Ion Ratio	Lower	Upper	
77	100		
105	107.9	60.9	100.9#
106	105.6	55.1	95.1#

Manual Integrations
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#10

Phenol

Concen: 39.77 ng

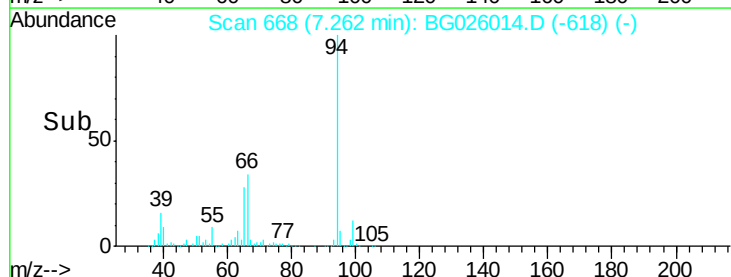
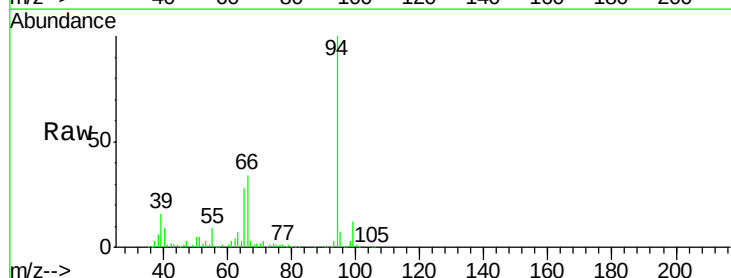
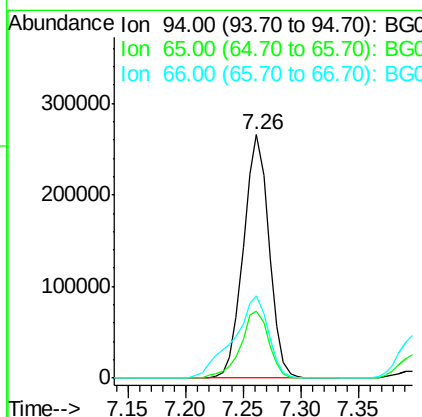
RT: 7.26 min Scan# 668

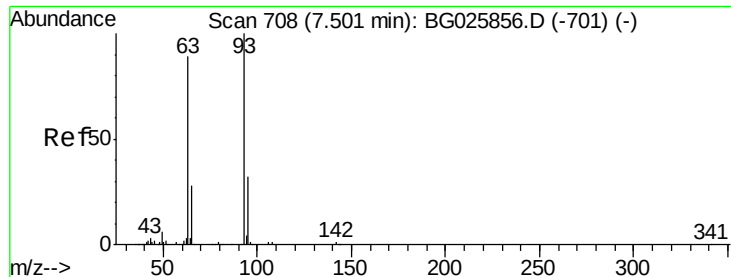
Delta R.T. -0.00 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	94	Resp:	409694
Ion Ratio	Lower	Upper	
94	100		
65	27.6	20.6	60.6
66	33.9	35.5	75.5#





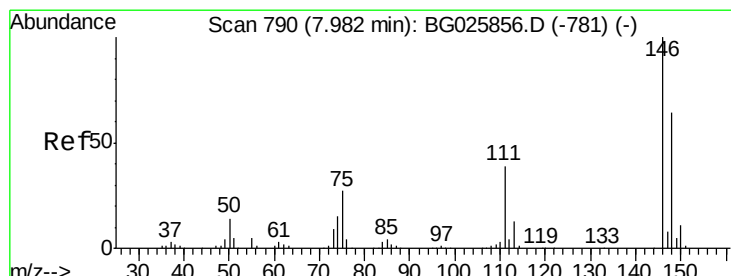
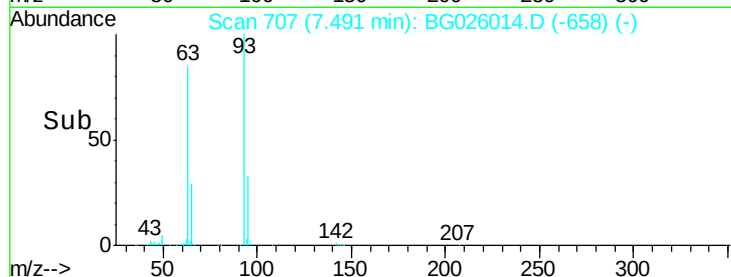
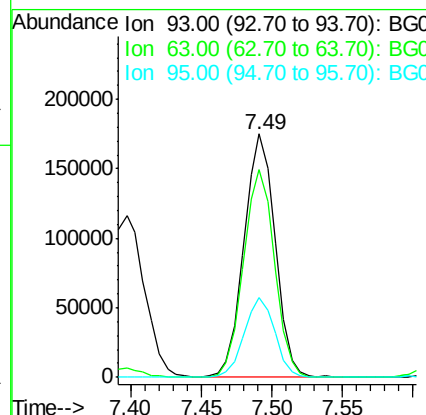
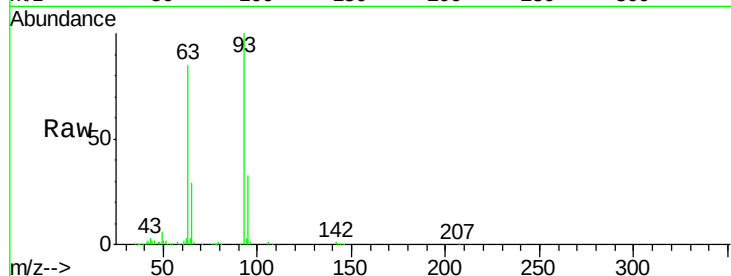
#11
bis(2-Chloroethyl)ether
Concen: 31.89 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270001		
63	85.5		78.5	118.5
95	32.7		9.8	49.8

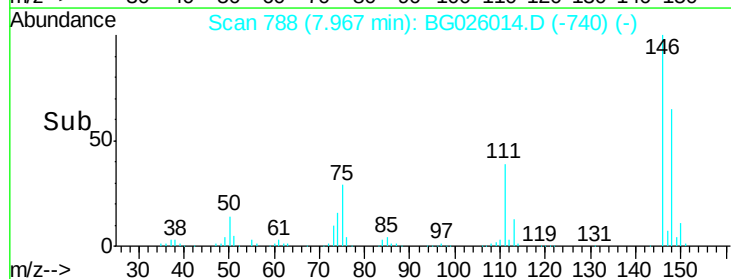
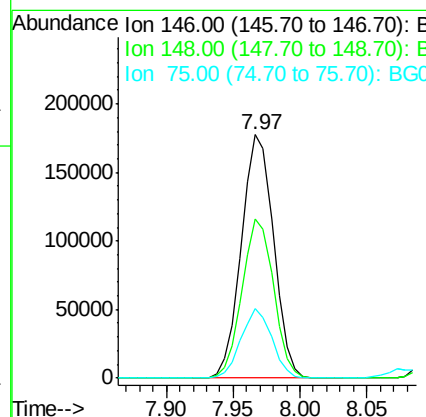
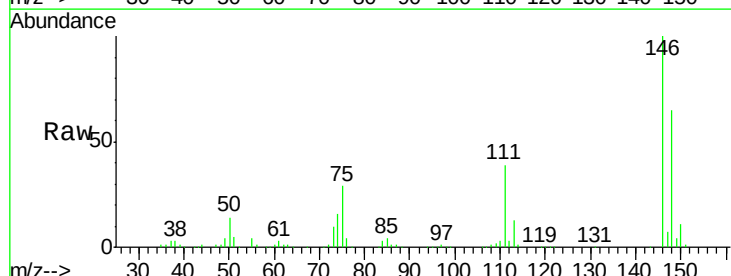
Manual Integrations
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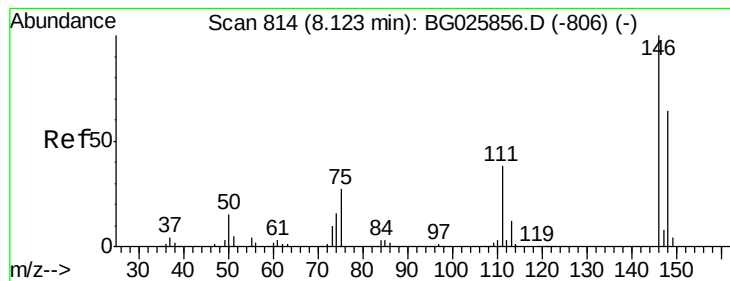
mohammad
3/1/2017 3:07:21 PM



#12
1,3-Dichlorobenzene
Concen: 33.64 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296030		
148	65.4		49.2	73.8
75	28.7		33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 33.92 ng

RT: 8.11 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

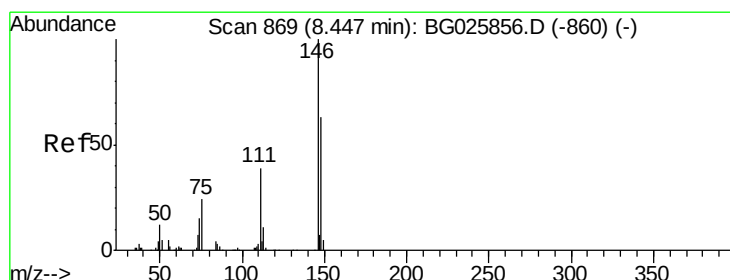
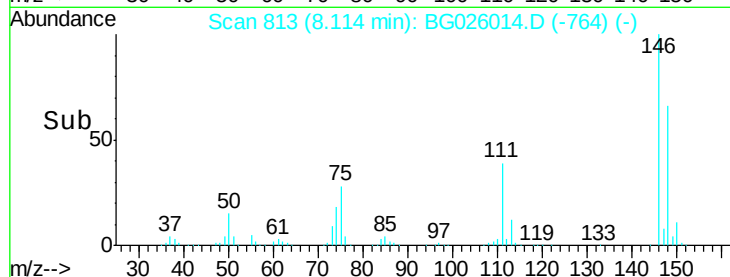
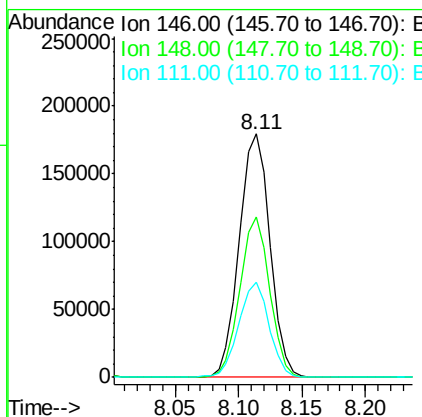
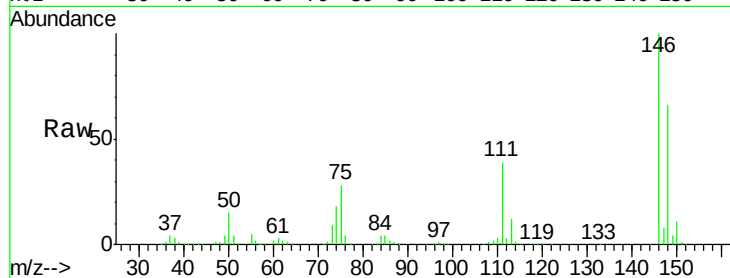
ClientSampleId :

PB97225BS

Tgt Ion:	146	Resp:	302387
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.2	78.2
111	39.2	37.0	55.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.49 ng

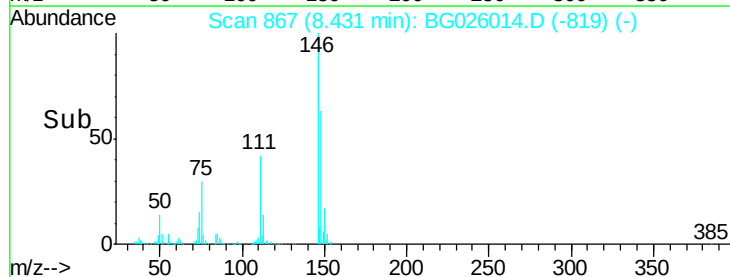
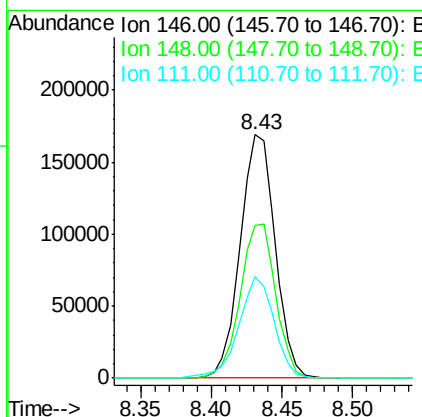
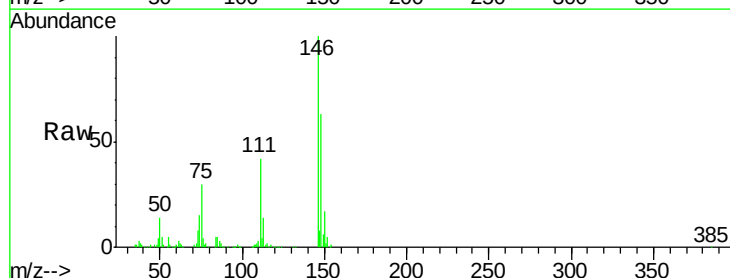
RT: 8.43 min Scan# 867

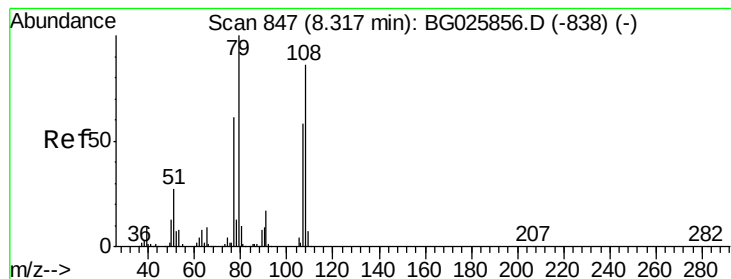
Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	146	Resp:	293144
Ion Ratio	Lower	Upper	
146	100		
148	62.8	54.6	81.8
111	41.7	39.7	59.5





#15

Benzyl Alcohol

Concen: 40.07 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

Tgt Ion: 79 Resp: 278138
Ion Ratio Lower Upper

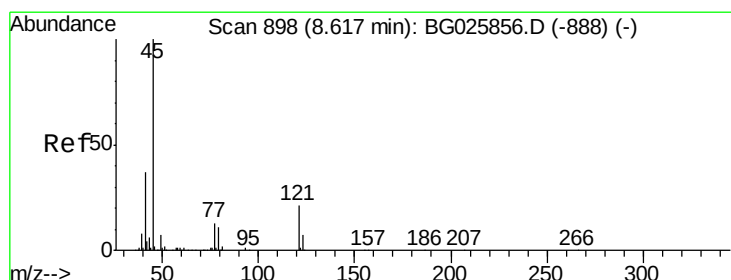
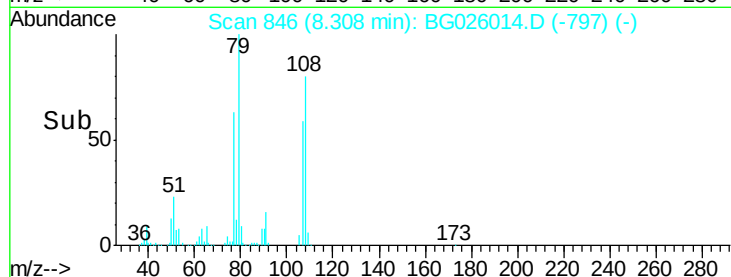
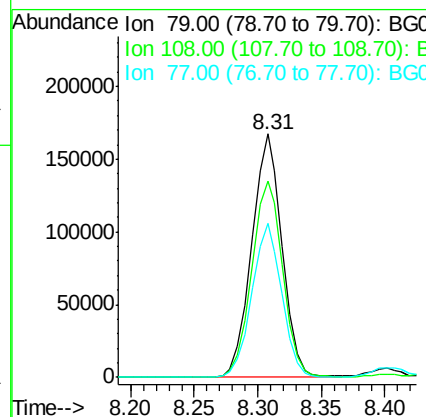
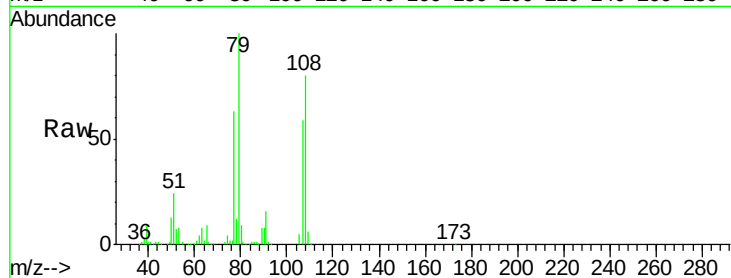
79 100

108 80.4 45.5 68.3#

77 63.3 54.3 81.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.58 ng

RT: 8.61 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG026014.D

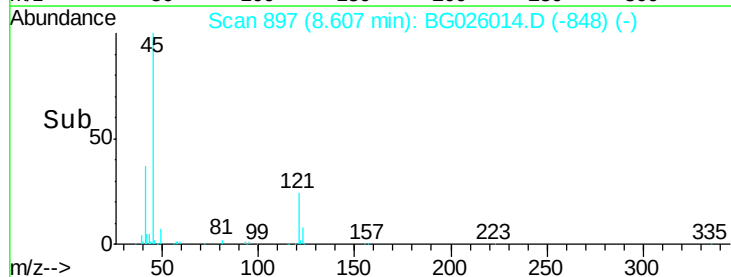
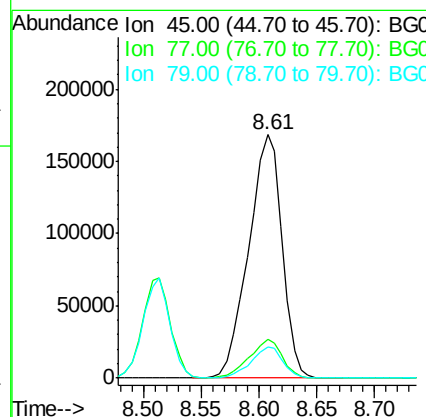
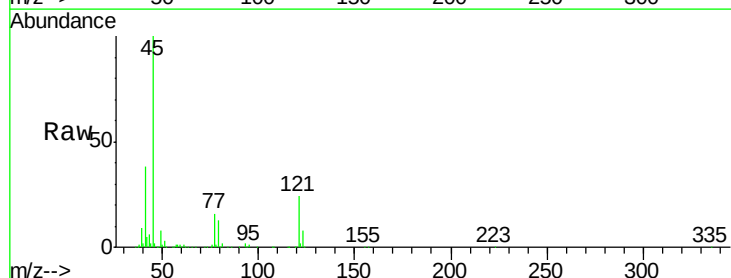
Acq: 1 Mar 2017 2:23

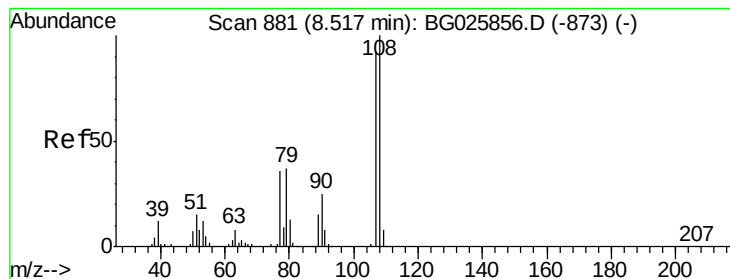
Tgt Ion: 45 Resp: 338818
Ion Ratio Lower Upper

45 100

77 15.9 0.0 30.6

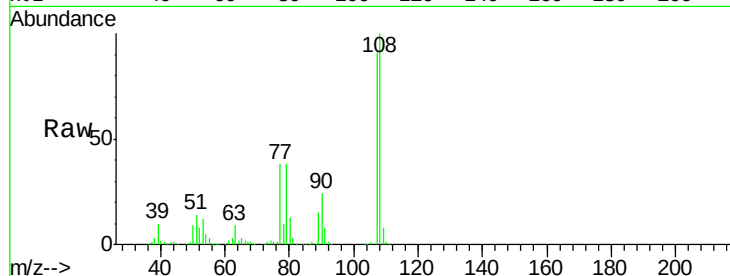
79 12.5 0.0 28.5





#17
2-Methylphenol
Concen: 38.57 ng
RT: 8.51 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

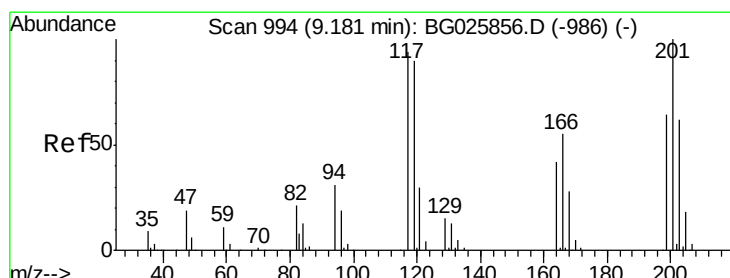
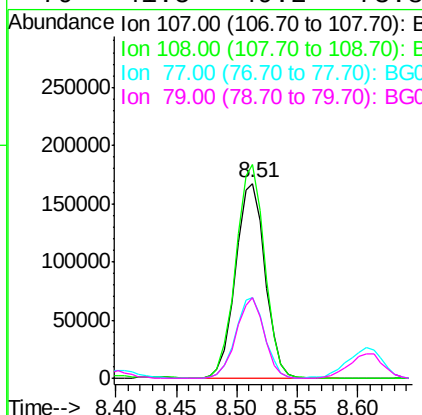
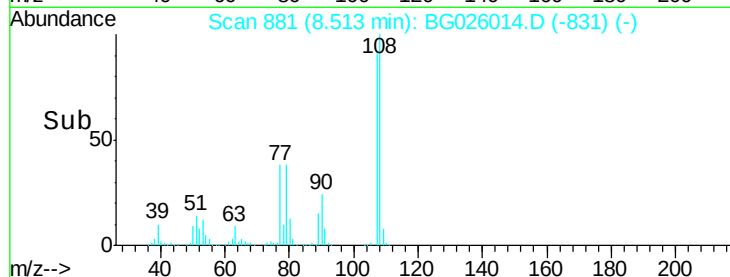
Instrument :
BNA_G
ClientSampleId :
PB97225BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	109.5	85.6	128.4
77	41.2	51.4	77.2#
79	41.5	49.2	73.8#

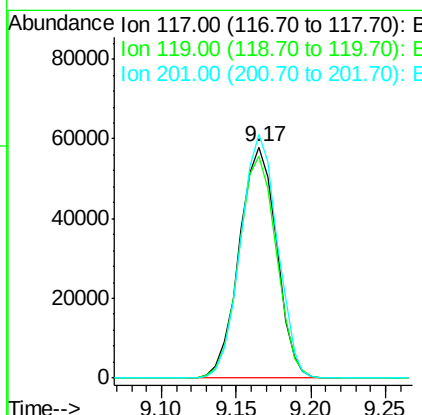
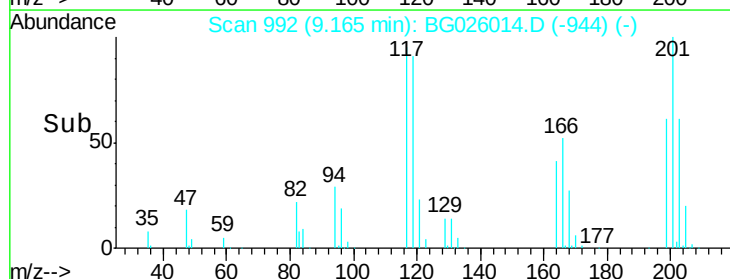
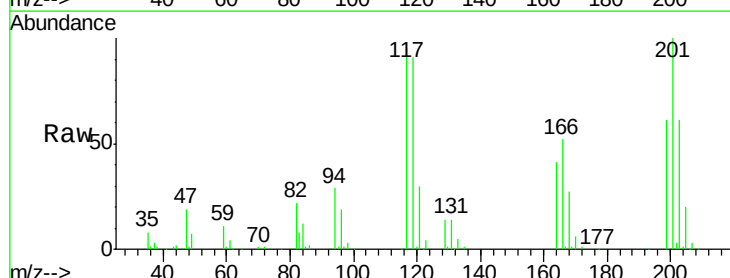
Manual Integrations
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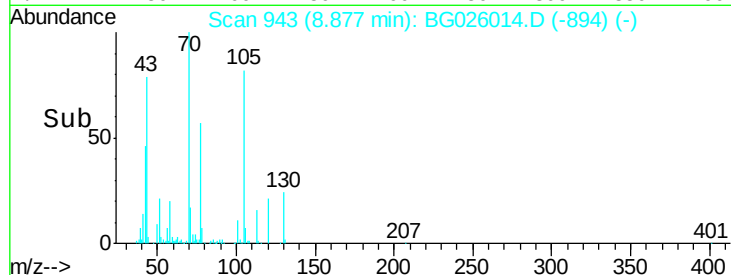
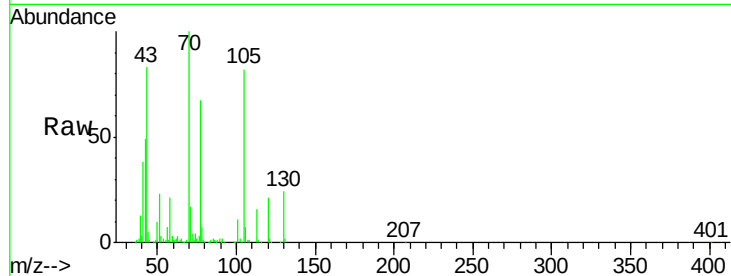
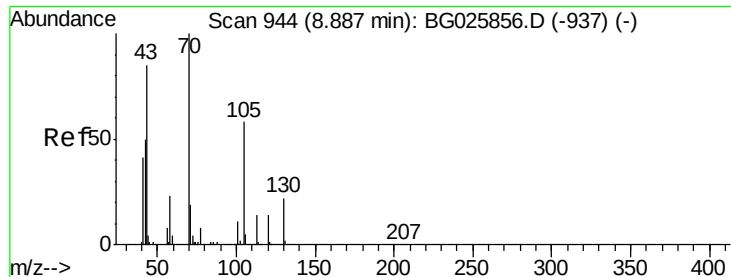
mohammad
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#18
Hexachloroethane
Concen: 34.02 ng
RT: 9.17 min Scan# 992
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.2	69.8	104.6
201	105.5	95.4	143.0





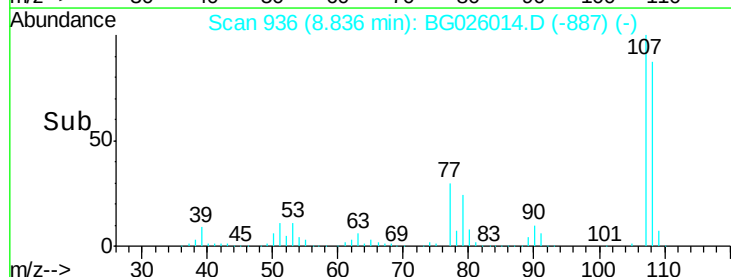
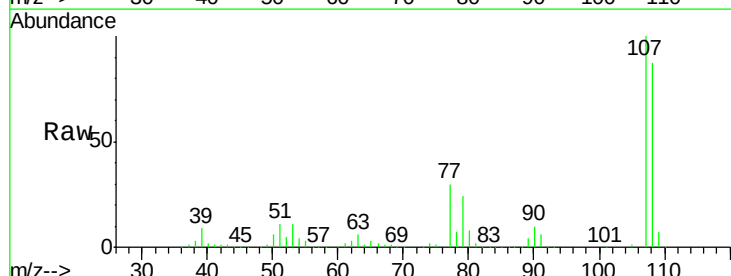
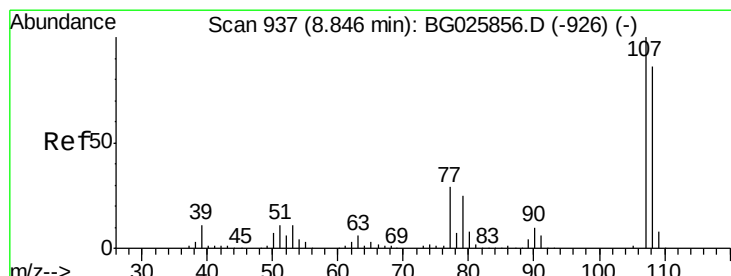
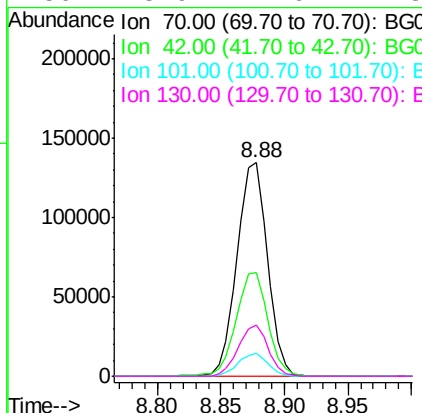
#19
n-Nitroso-di-n-propylamine
Concen: 32.37 ng
RT: 8.88 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	56.1	84.1#
101	10.6	7.5	11.3
130	23.9	14.6	21.8#

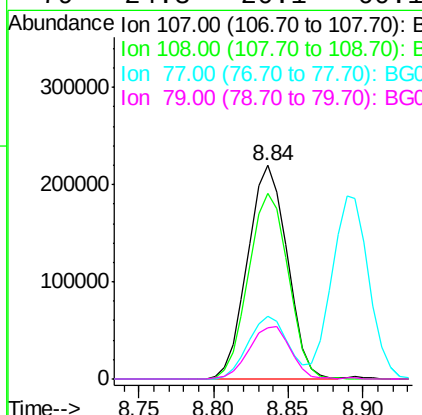
Manual Integrations
APPROVED

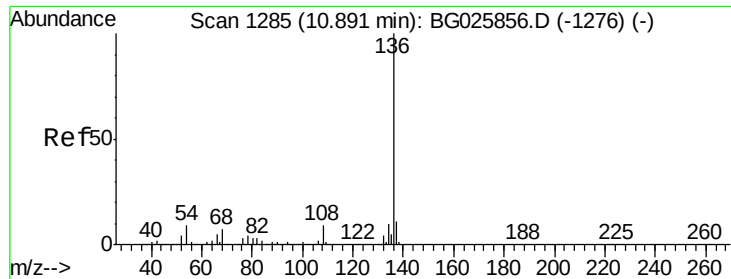
mohammad
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#20
3+4-Methylphenols
Concen: 38.24 ng
RT: 8.84 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.8	110.8
77	29.7	25.8	65.8
79	24.3	20.1	60.1





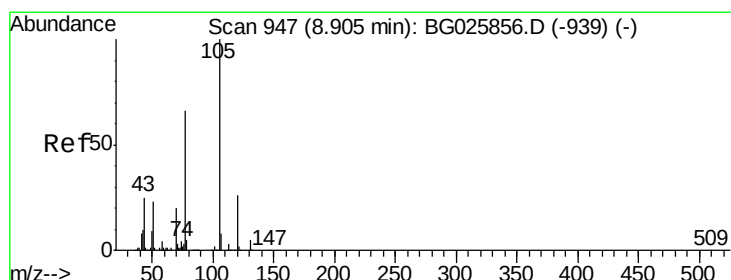
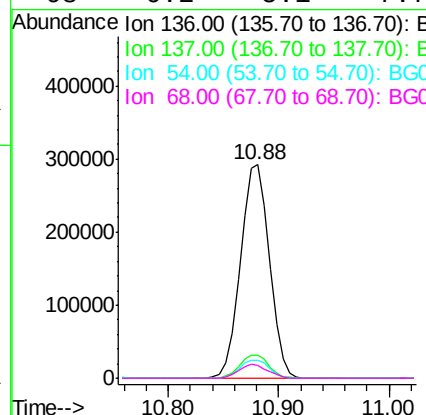
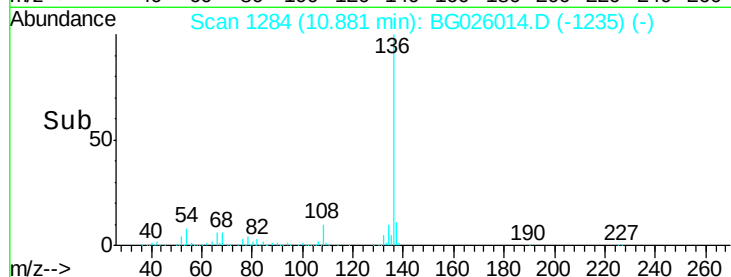
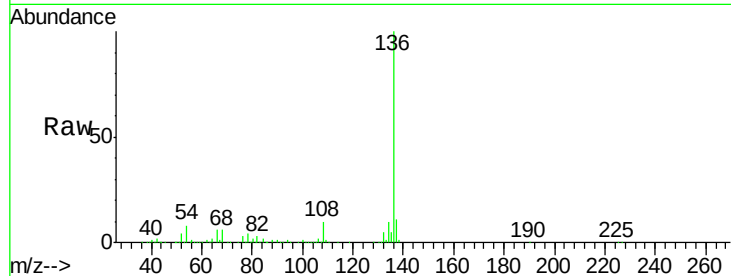
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	8.9	13.3
54	8.3	9.3	13.9
68	6.2	5.1	7.7

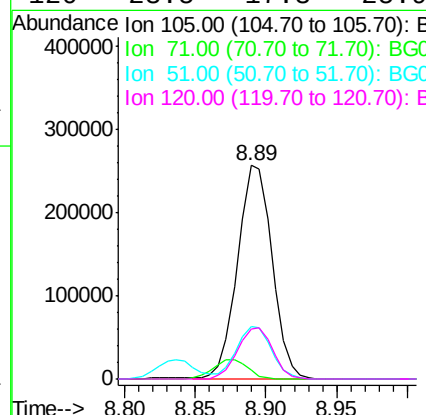
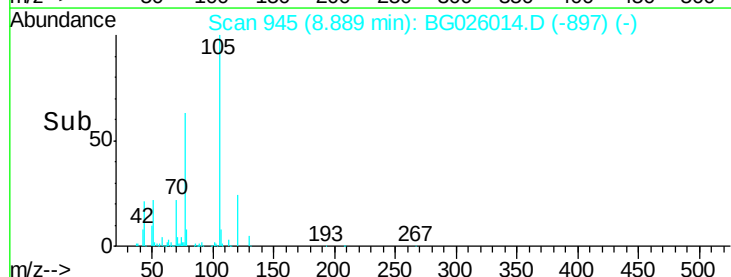
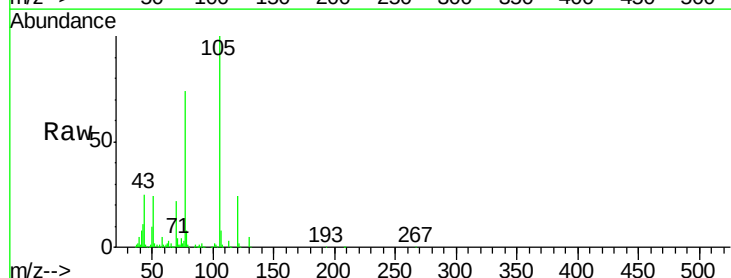
Manual Integrations
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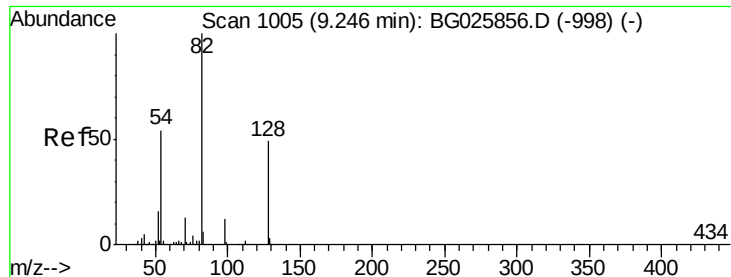
mohammad
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#22
Acetophenone
Concen: 34.05 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.1	0.9	1.3
51	24.3	34.0	51.0
120	23.5	17.3	25.9





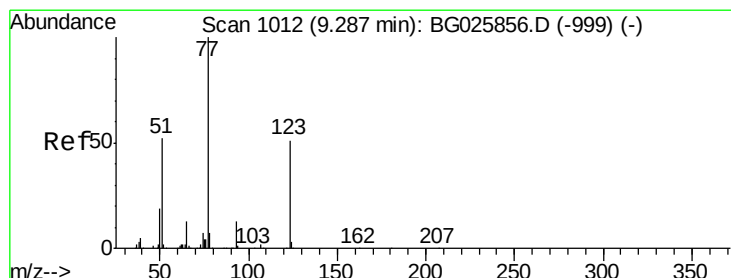
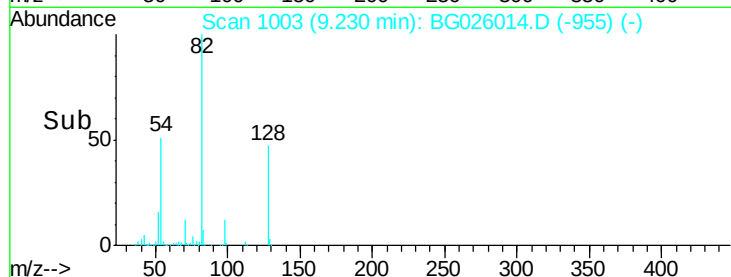
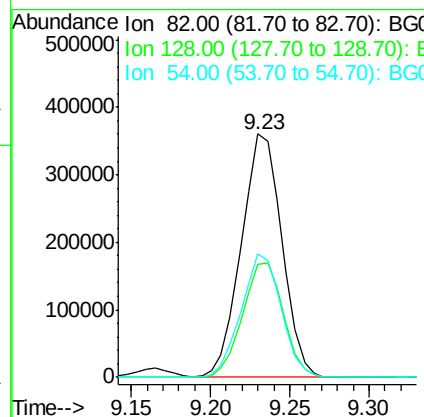
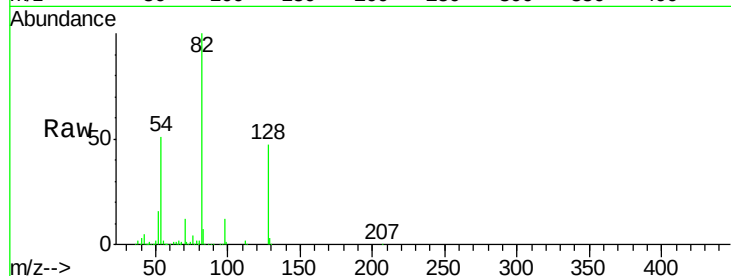
#23
 Nitrobenzene-d5
 Concen: 75.37 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	26.4	39.6#
54	50.5	49.4	74.2

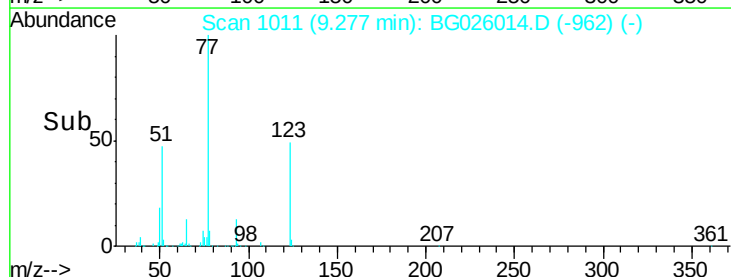
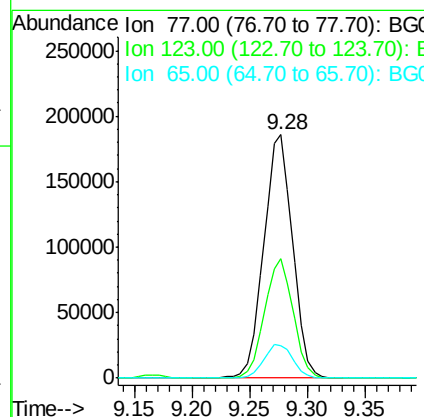
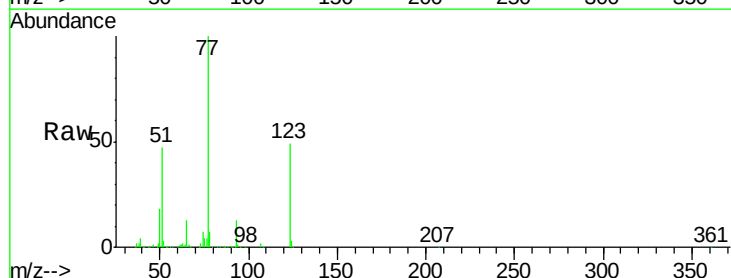
Manual Integrations
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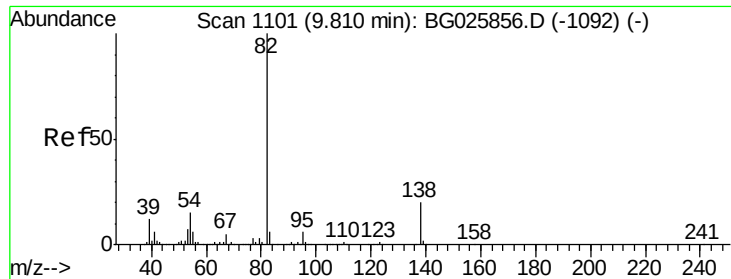
mohammad
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#24
 Nitrobenzene
 Concen: 34.99 ng
 RT: 9.28 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	26.1	39.1#
65	13.2	12.4	18.6





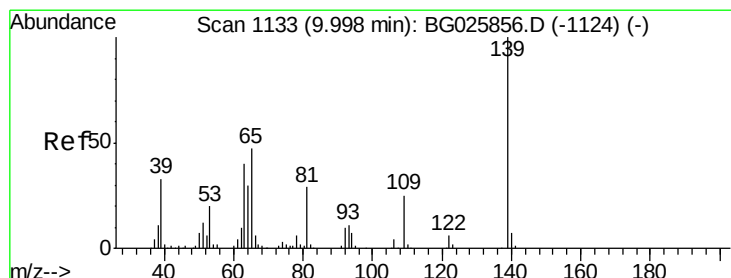
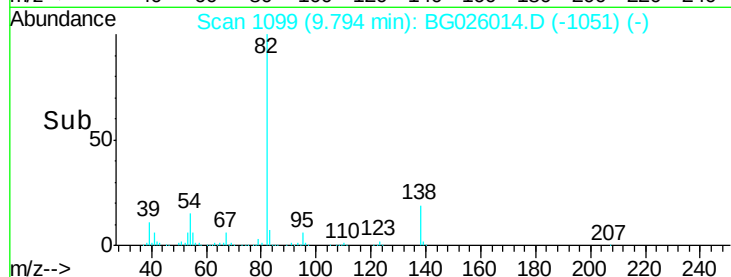
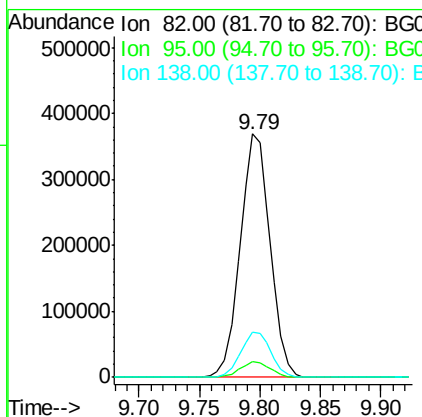
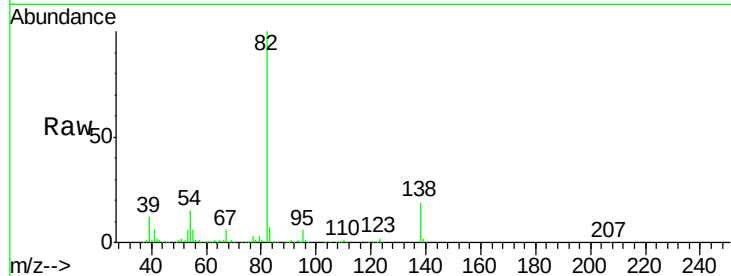
#25
Isophorone
Concen: 33.87 ng
RT: 9.79 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	7.5	11.3#
138	18.5	12.3	18.5#

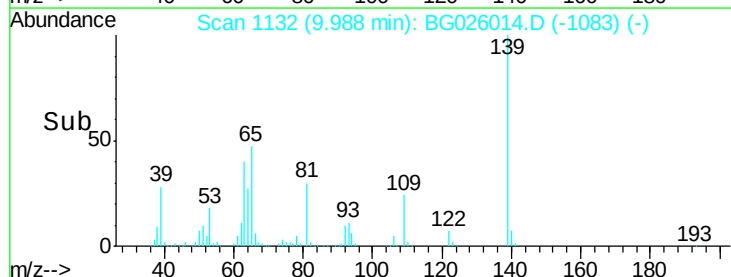
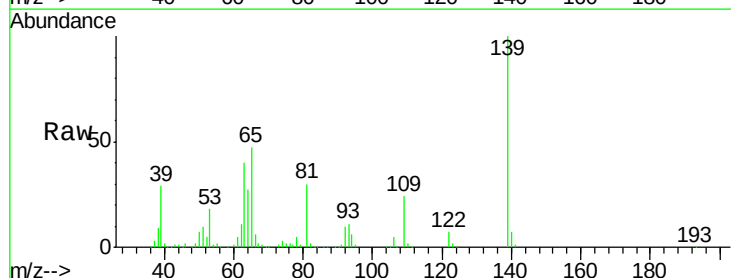
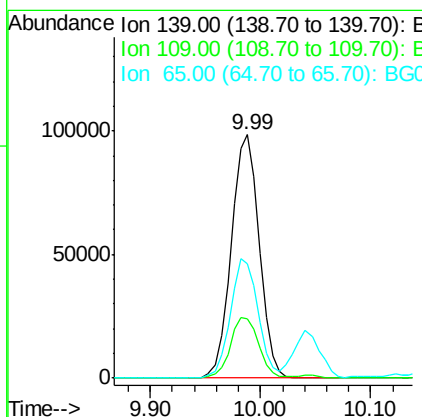
Manual Integrations
APPROVED

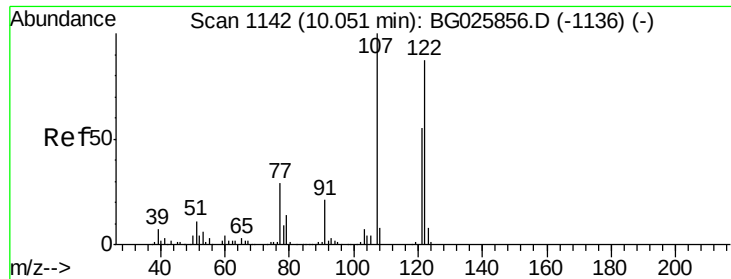
mohammad
3/1/2017 3:07:21 PM



#26
2-Nitrophenol
Concen: 40.60 ng
RT: 9.99 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

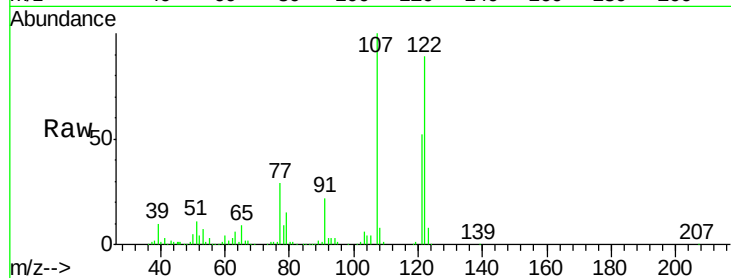
Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.4	38.6	58.0#
65	47.1	57.1	85.7#





#27
2,4-Dimethylphenol
Concen: 40.98 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

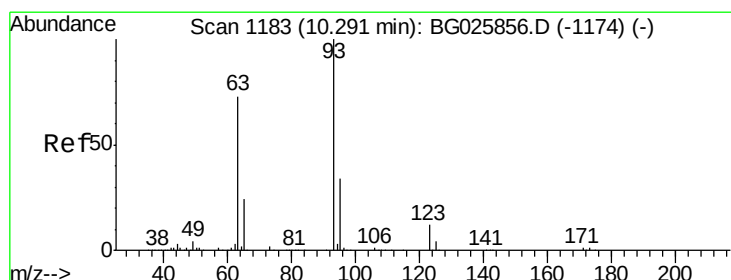
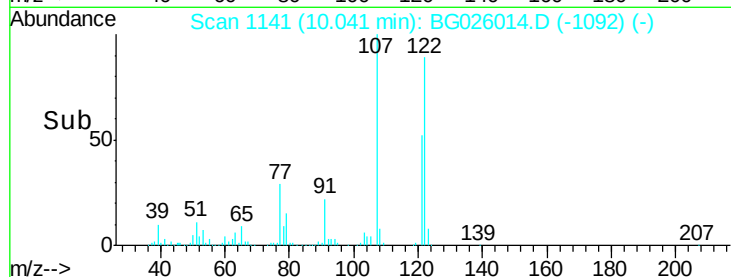
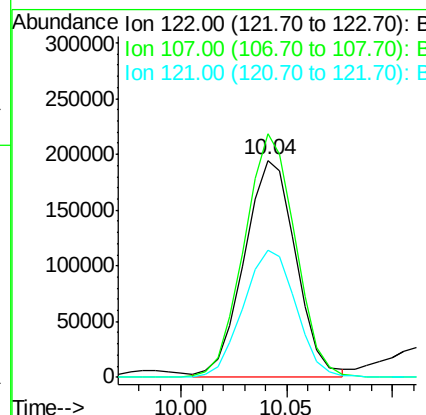
Instrument :
BNA_G
ClientSampleId :
PB97225BS



Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.1	104.2	156.4
121	58.3	46.0	69.0

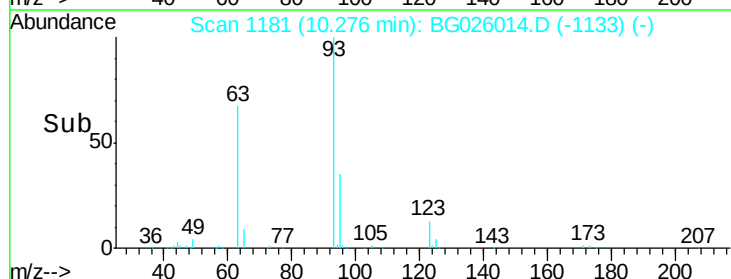
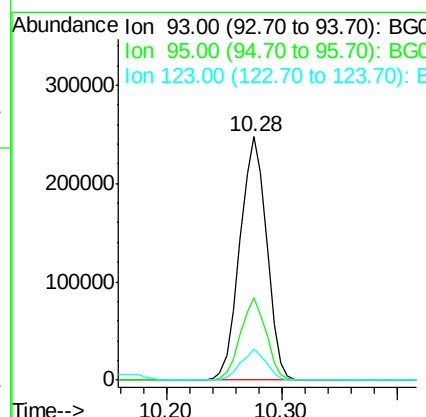
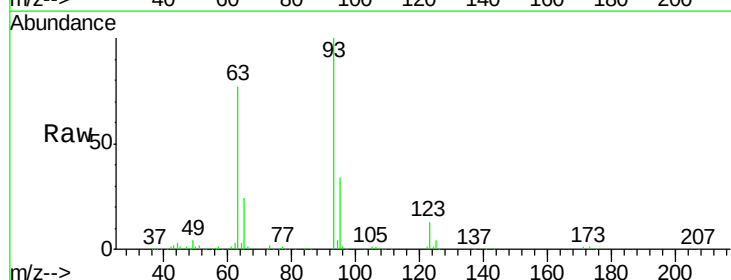
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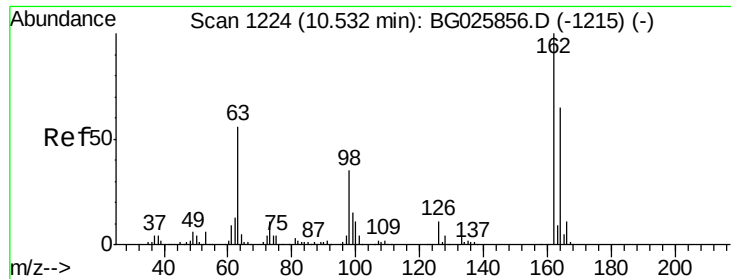
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#28
bis(2-Chloroethoxy)methane
Concen: 33.37 ng
RT: 10.28 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.7	38.5
123	12.7	8.3	12.5#





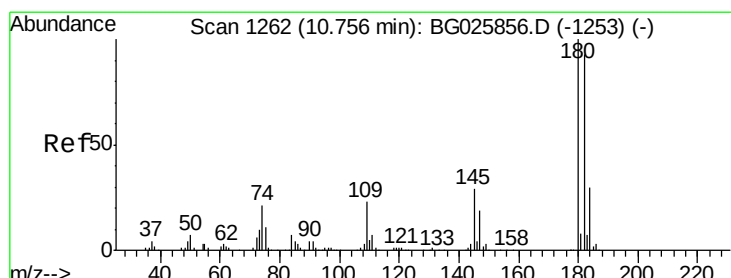
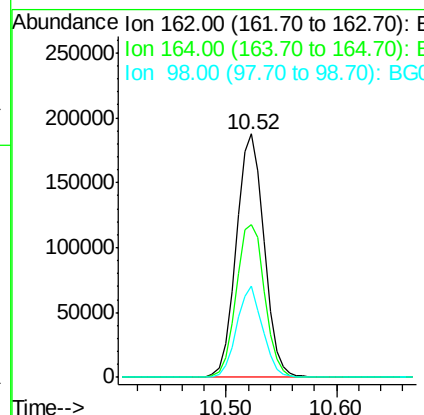
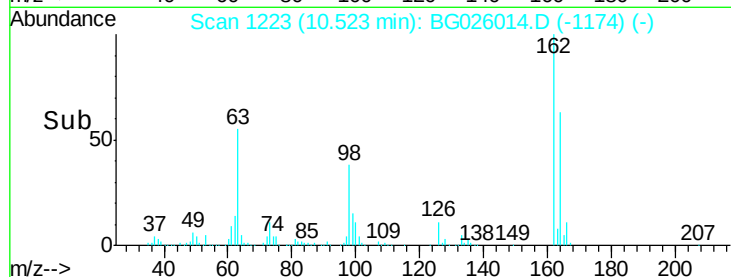
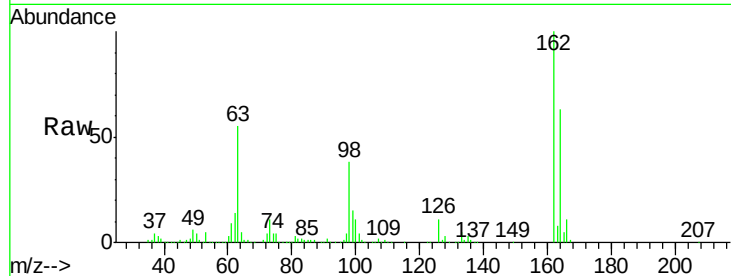
#29
2,4-Dichlorophenol
Concen: 43.26 ng
RT: 10.52 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	42.4	82.4
98	37.5	20.3	60.3

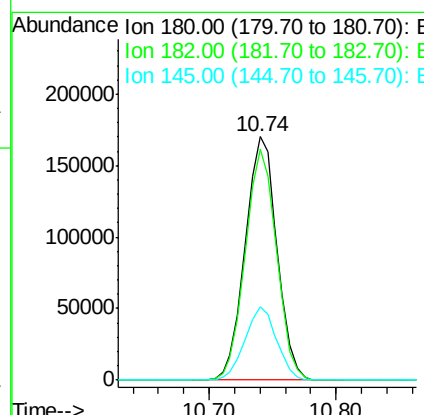
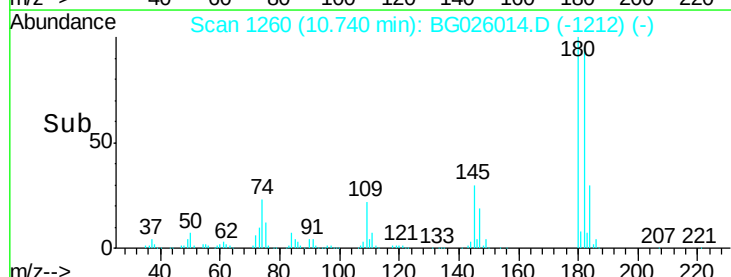
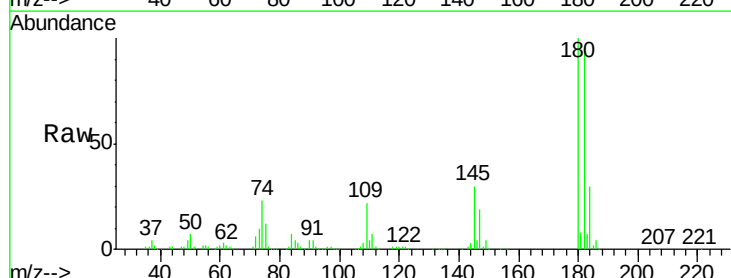
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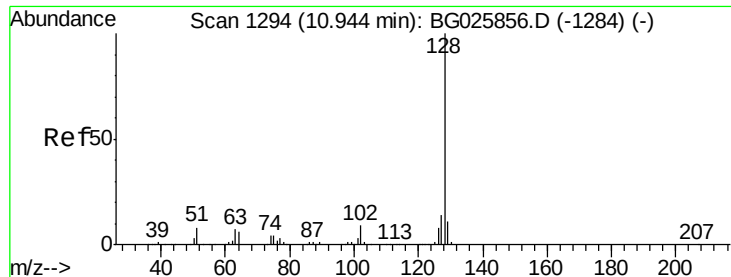
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#30
1,2,4-Trichlorobenzene
Concen: 35.51 ng
RT: 10.74 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	77.0	115.4
145	30.0	23.4	35.0





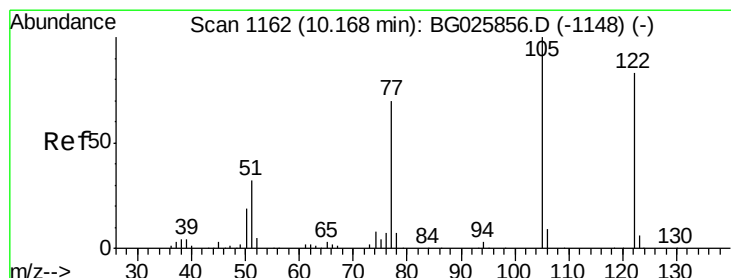
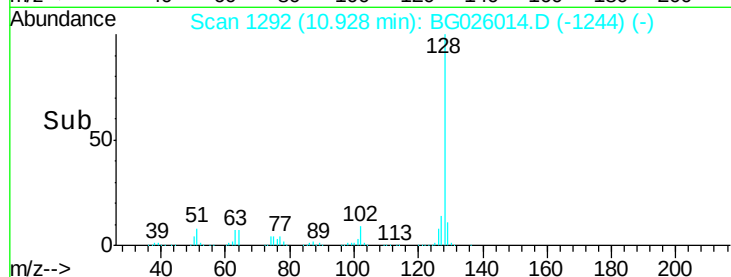
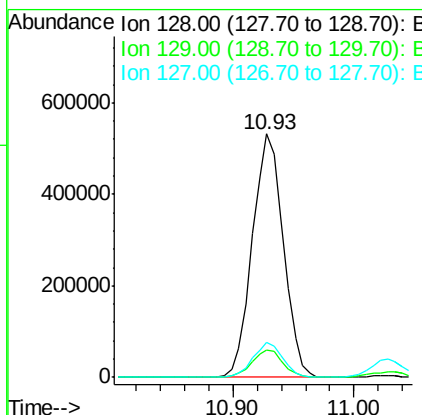
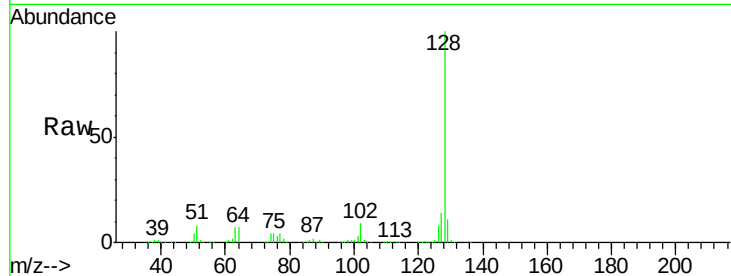
#31
Naphthalene
Concen: 34.03 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

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

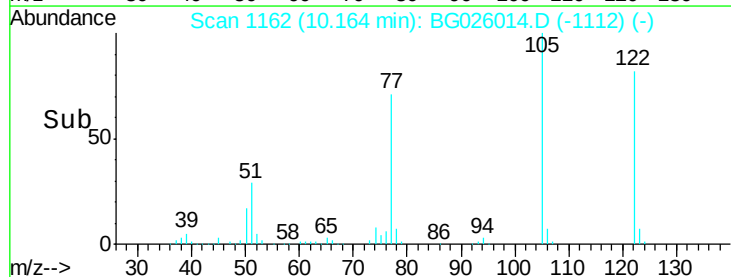
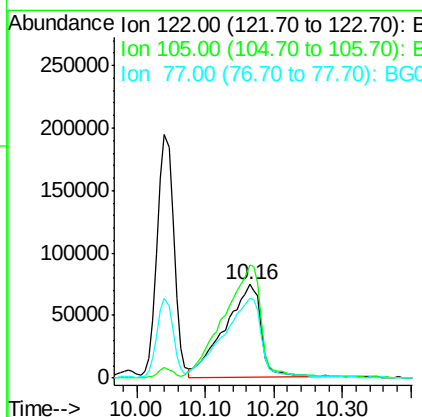
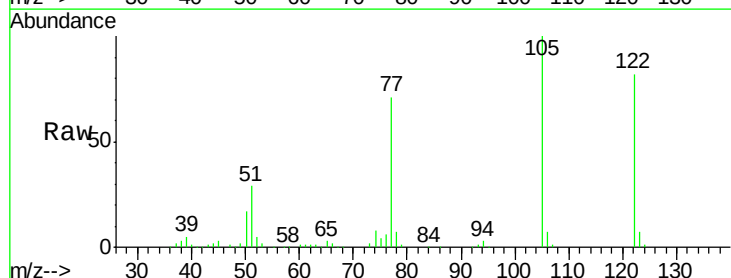
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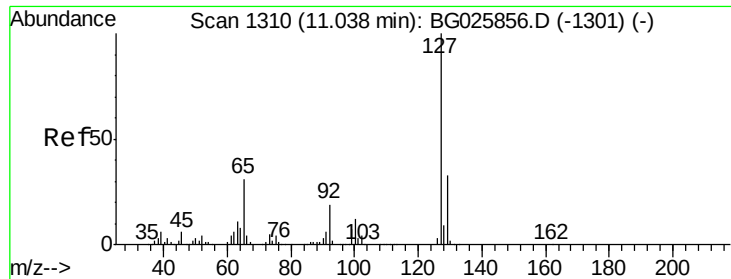
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#32
Benzoic acid
Concen: 44.77 ng
RT: 10.16 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	121.2	120.1	160.1
77	85.9	104.6	144.6#





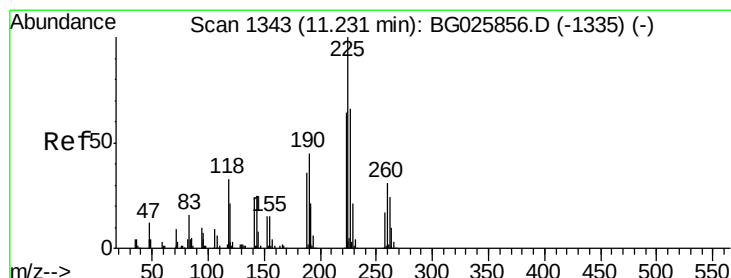
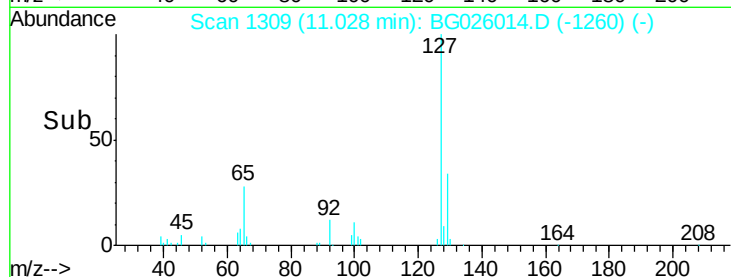
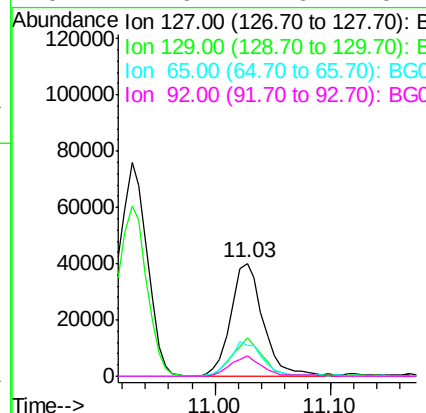
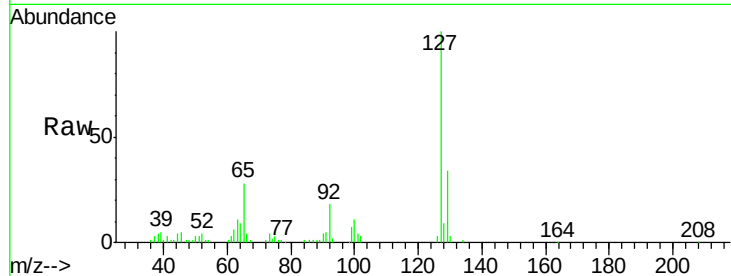
#33
 4-Chloroaniline
 Concen: 6.50 ng
 RT: 11.03 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	78417		
129	33.5	23.6	35.4	
65	27.7	37.7	56.5	
92	17.6	17.6	26.4	

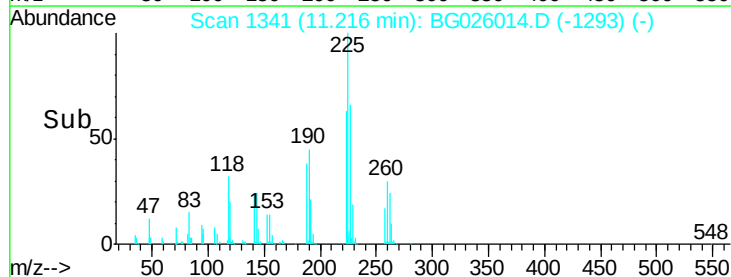
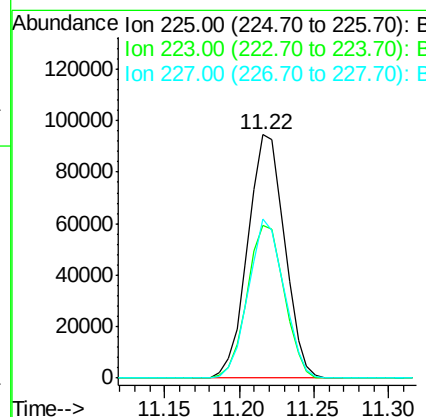
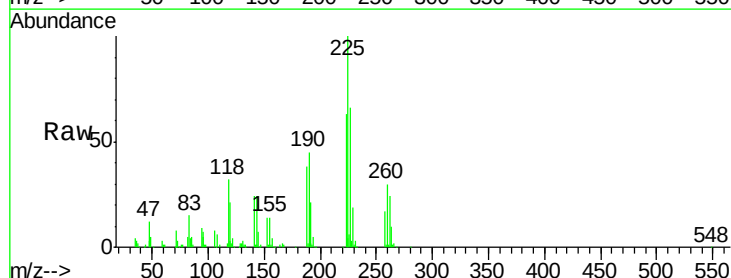
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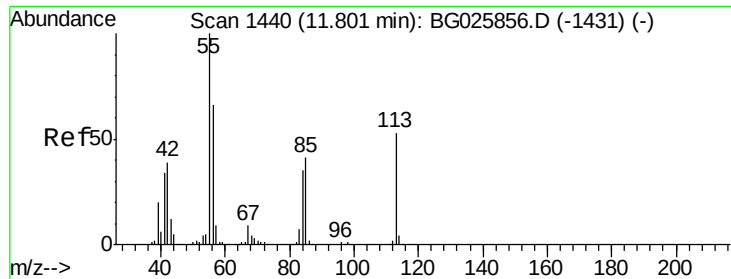
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#34
 Hexachlorobutadiene
 Concen: 33.91 ng
 RT: 11.22 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	160977		
223	62.5	50.7	76.1	
227	65.6	49.0	73.6	





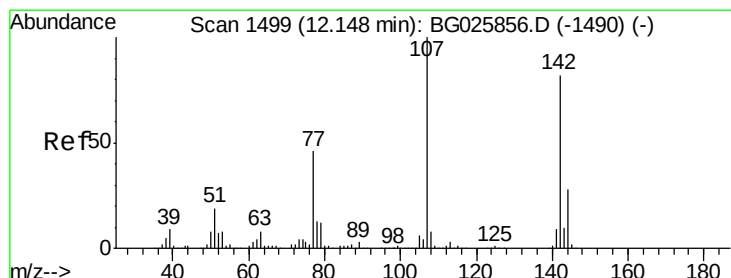
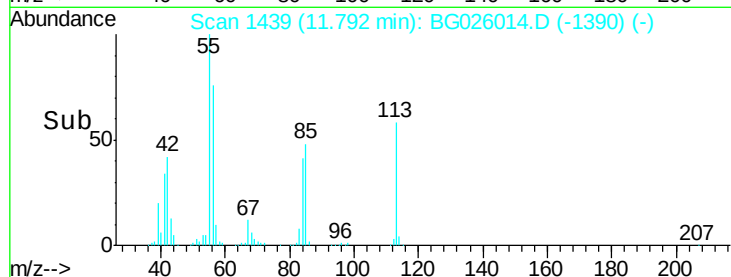
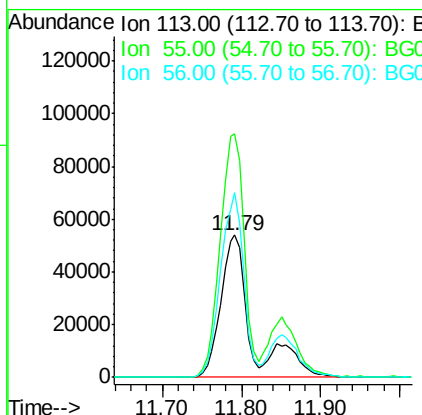
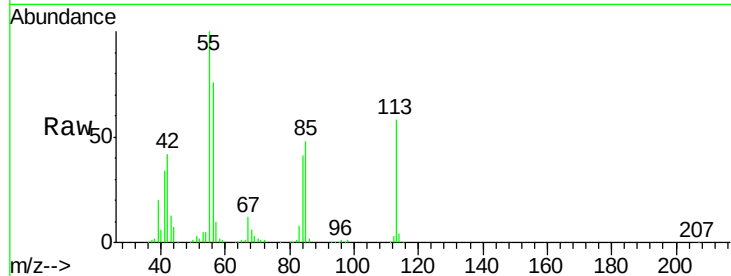
#35
 Caprolactam
 Concen: 46.57 ng m
 RT: 11.79 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion:113 Resp: 144285
 Ion Ratio Lower Upper
 113 100
 55 171.0 198.6 238.6#
 56 129.7 140.4 180.4#

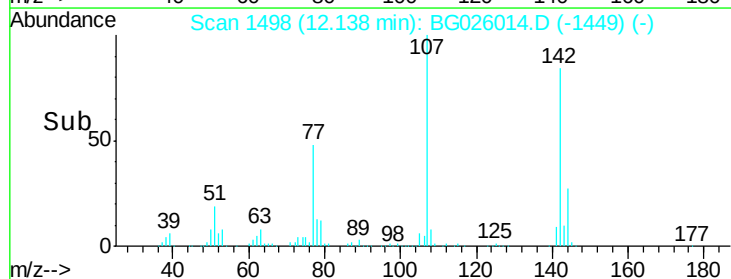
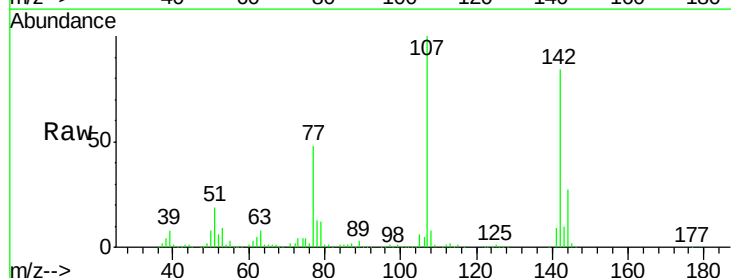
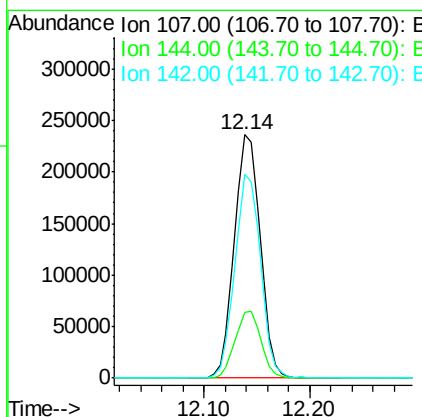
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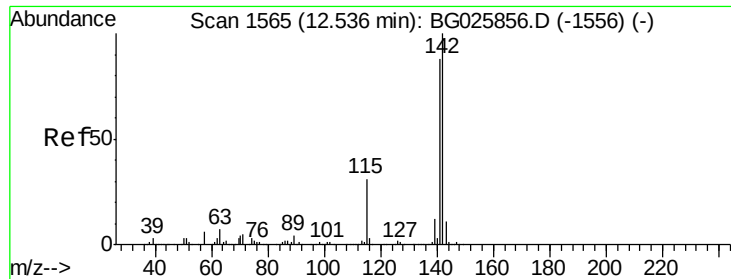
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#36
 4-Chloro-3-methylphenol
 Concen: 43.80 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:107 Resp: 402010
 Ion Ratio Lower Upper
 107 100
 144 26.8 17.4 26.0#
 142 83.6 54.1 81.1#





#37

2-Methylnaphthalene

Concen: 35.64 ng

RT: 12.52 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

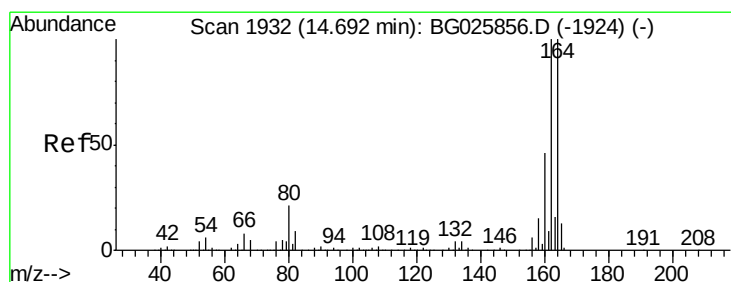
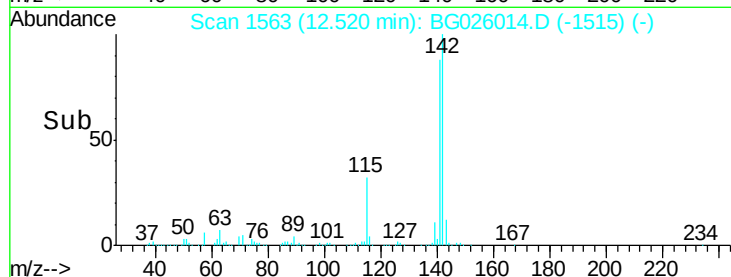
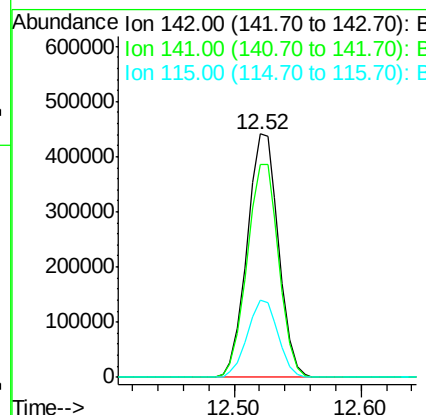
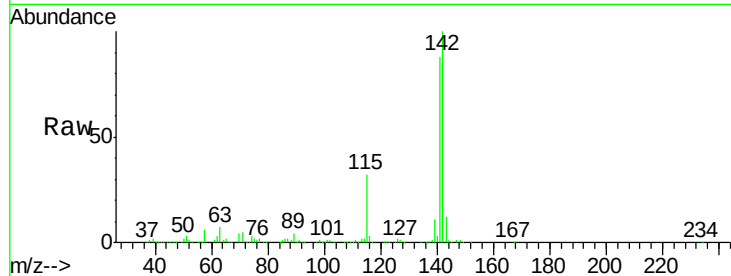
ClientSampleId :

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Tgt Ion:	142	Resp:	754356
Ion Ratio	Lower	Upper	
142	100		
141	87.5	70.4	105.6
115	31.9	35.5	53.3#

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#38

Acenaphthene-d10

Concen: 20.00 ng

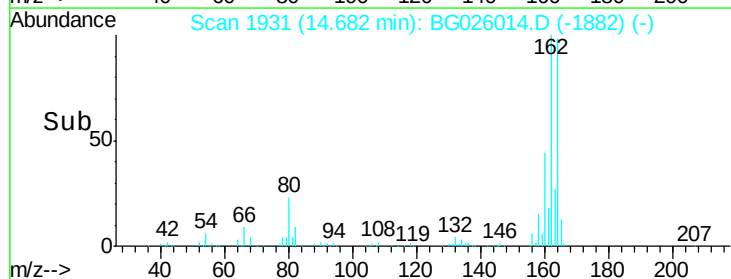
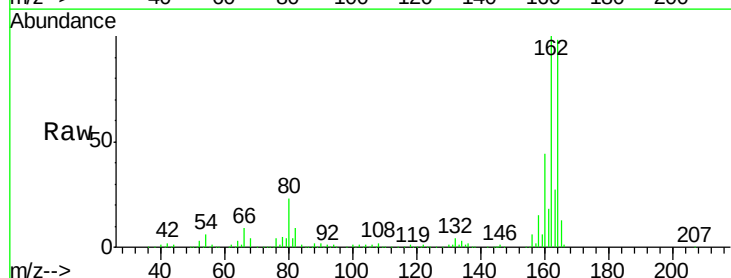
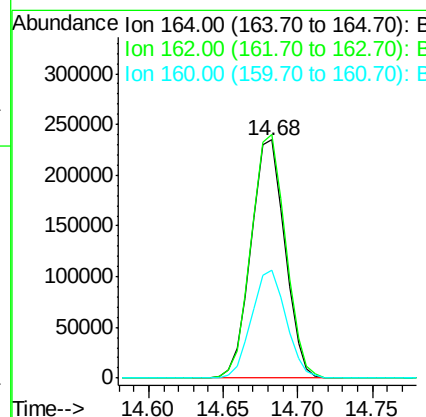
RT: 14.68 min Scan# 1931

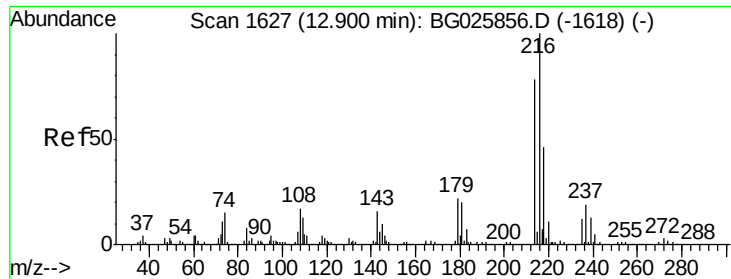
Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	164	Resp:	366789
Ion Ratio	Lower	Upper	
164	100		
162	102.3	85.1	127.7
160	45.2	34.7	52.1





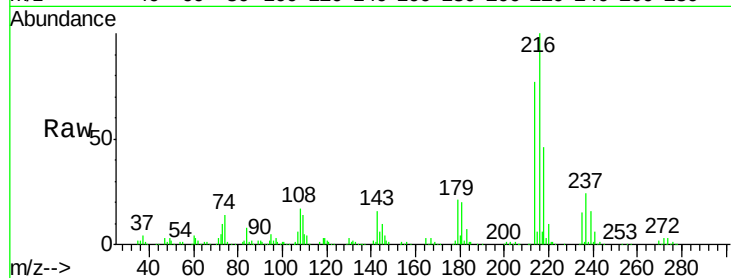
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.55 ng
 RT: 12.89 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

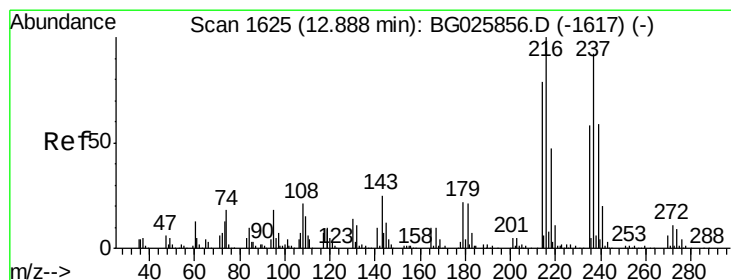
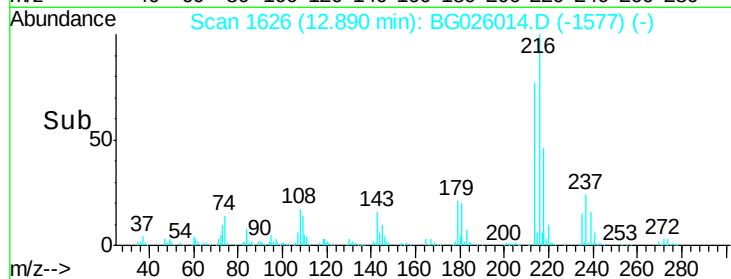
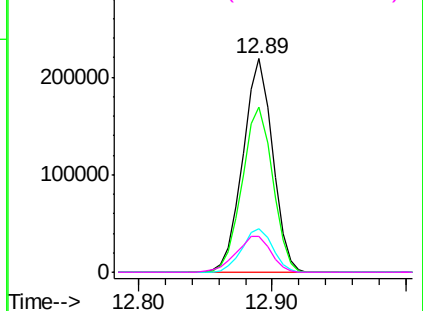
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	335972		
214	79.6	64.4	96.6	
179	21.2	17.4	26.0	
108	19.8	15.6	23.4	

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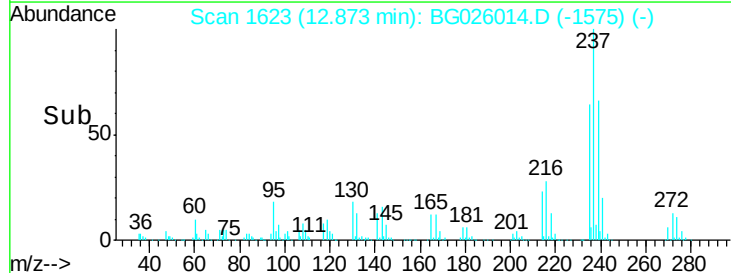
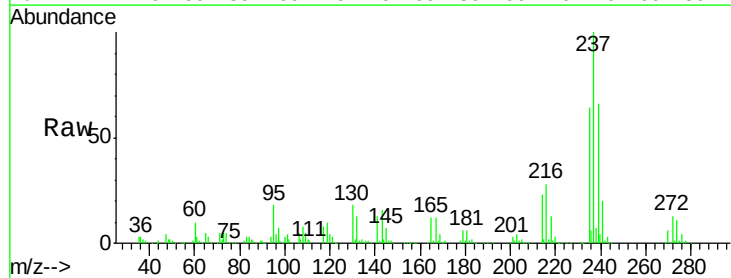
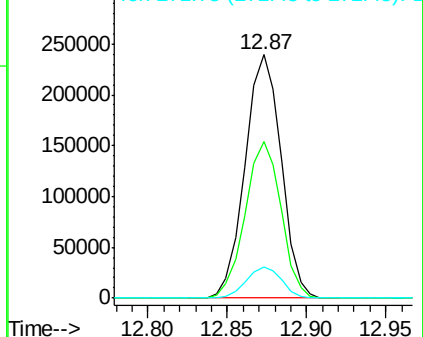
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

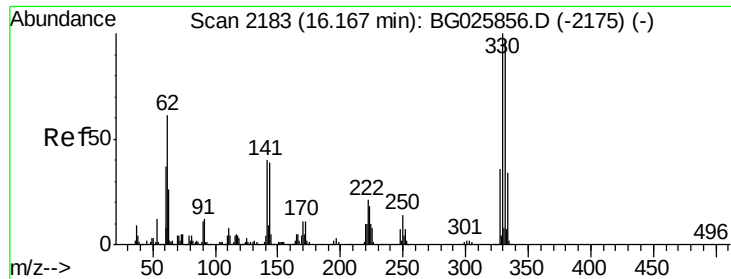


#40
 Hexachlorocyclopentadiene
 Concen: 75.40 ng
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	379306		
235	64.5	39.4	79.4	
272	12.9	0.0	32.0	

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





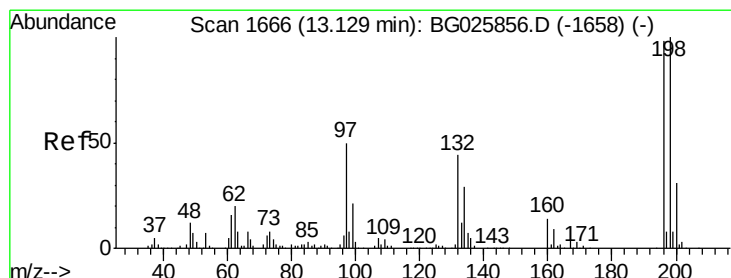
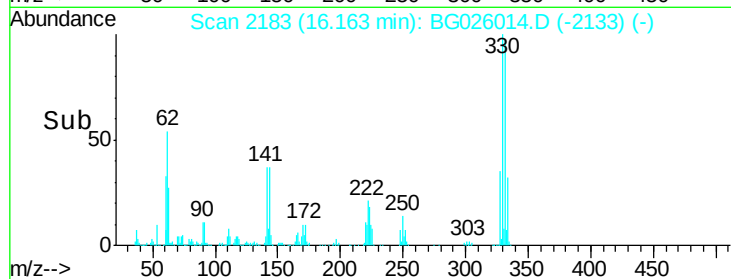
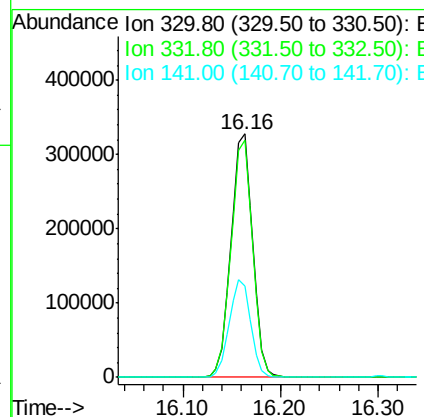
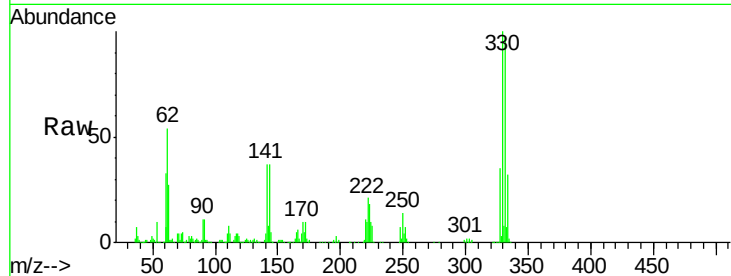
#41
2,4,6-Tribromophenol
Concen: 149.28 ng
RT: 16.16 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	505875		
332	97.4	77.3	115.9	
141	39.6	32.1	48.1	

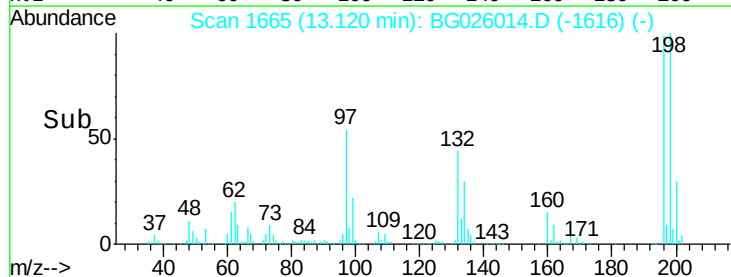
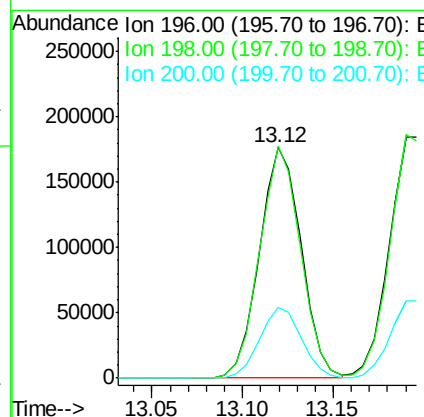
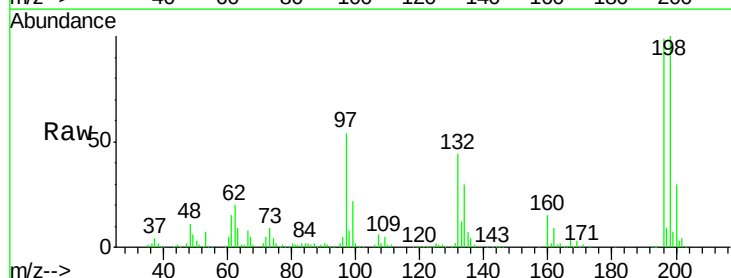
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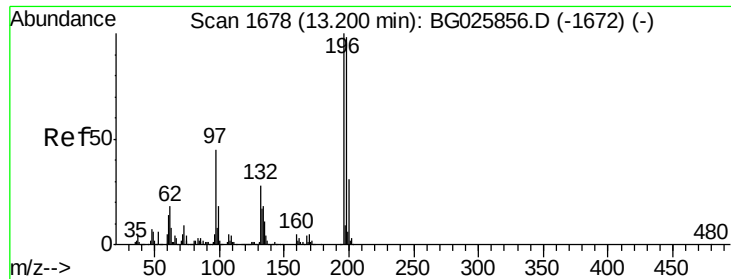
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#42
2,4,6-Trichlorophenol
Concen: 47.44 ng
RT: 13.12 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281685		
198	100.8	81.4	122.2	
200	30.6	27.0	40.6	





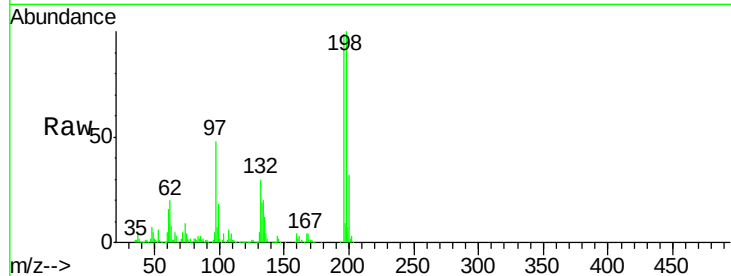
#43
2,4,5-Trichlorophenol
Concen: 46.05 ng
RT: 13.19 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

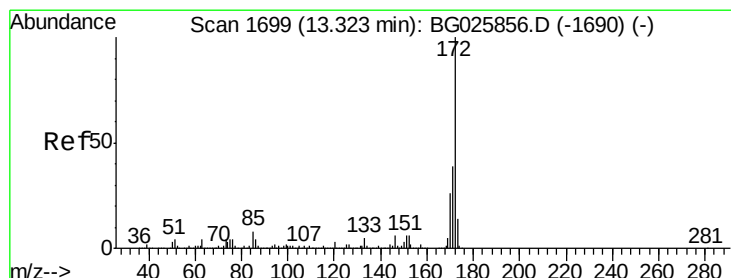
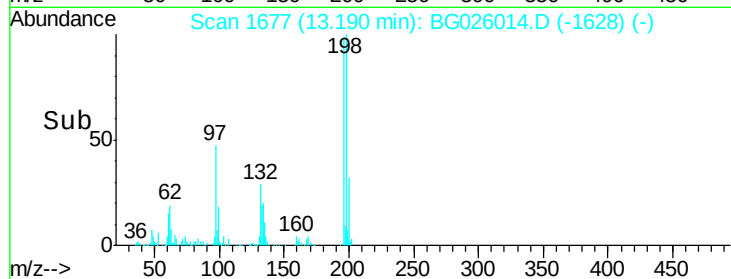
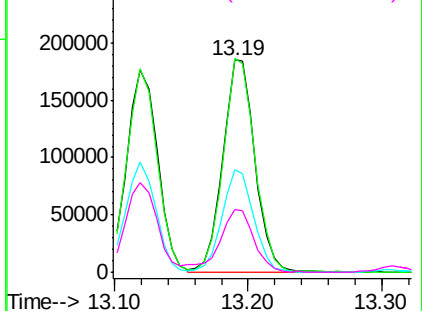
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310367		
198	100.8	79.9	119.9	
97	48.3	45.4	68.0	
132	29.8	20.7	31.1	

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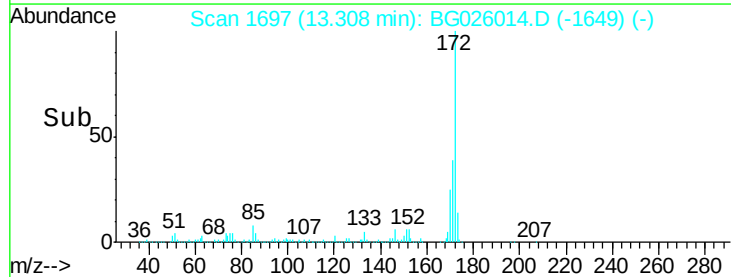
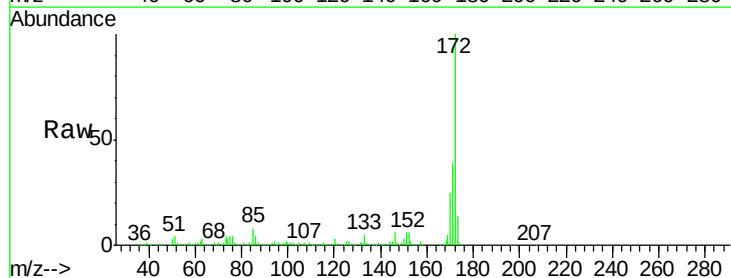
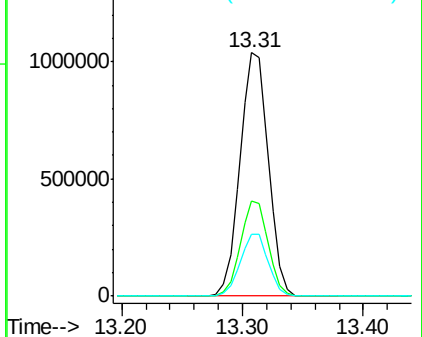
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

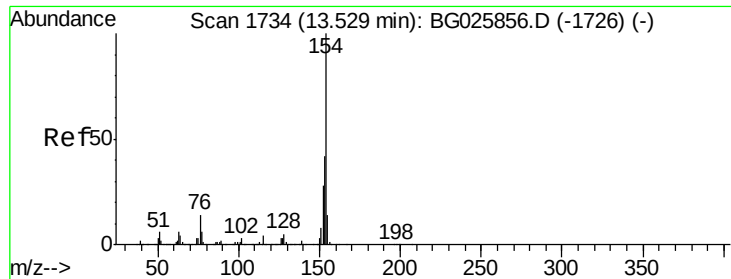


#44
2-Fluorobiphenyl
Concen: 80.75 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1694991		
171	39.2	32.2	48.2	
170	25.2	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





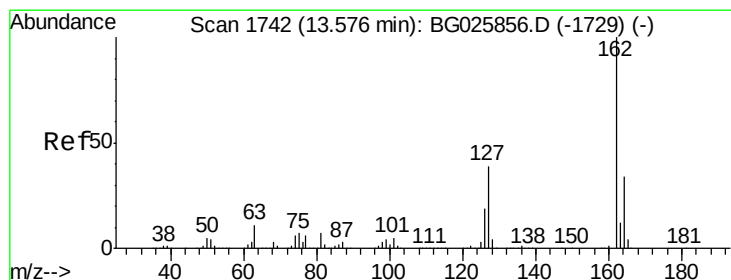
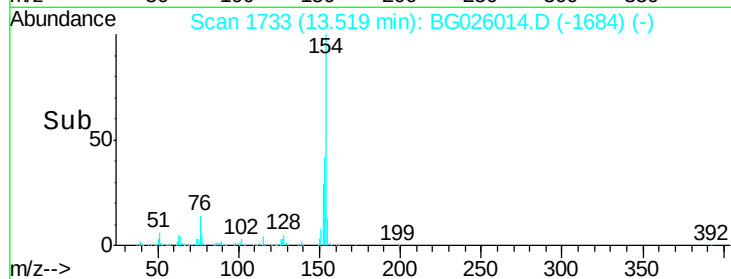
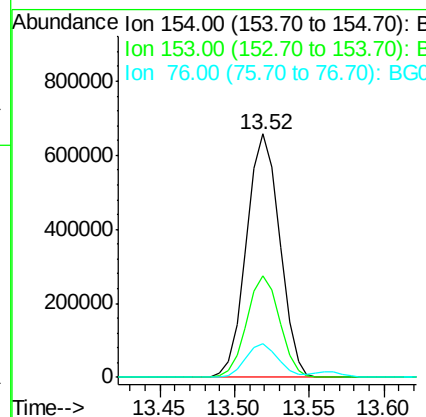
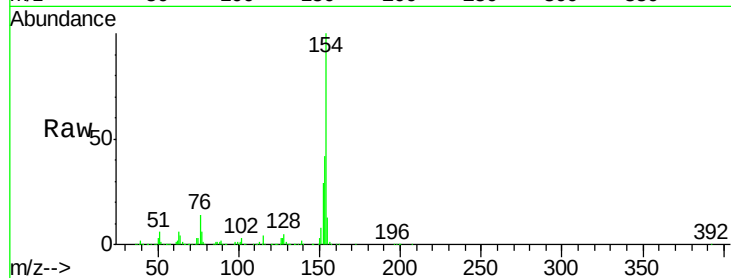
#45
1,1'-Biphenyl
Concen: 38.17 ng
RT: 13.52 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.0	63.0
76	13.7	0.0	33.5

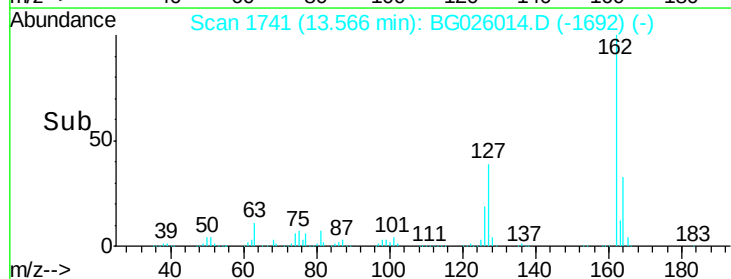
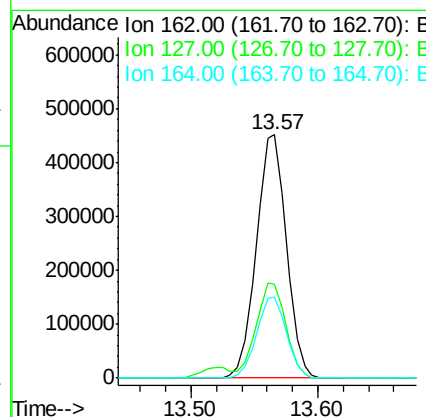
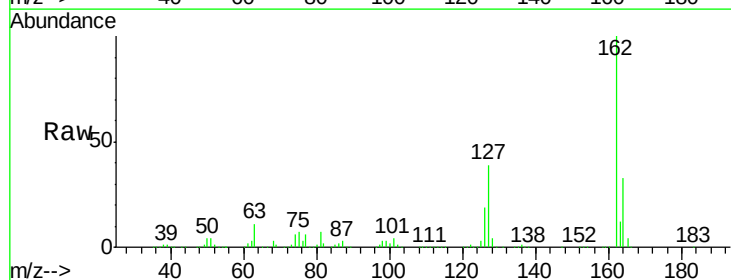
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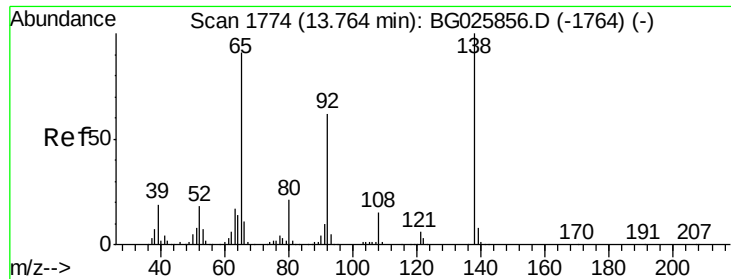
mohammad
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#46
2-Chloronaphthalene
Concen: 38.92 ng
RT: 13.57 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.2	48.4
164	33.4	27.3	40.9





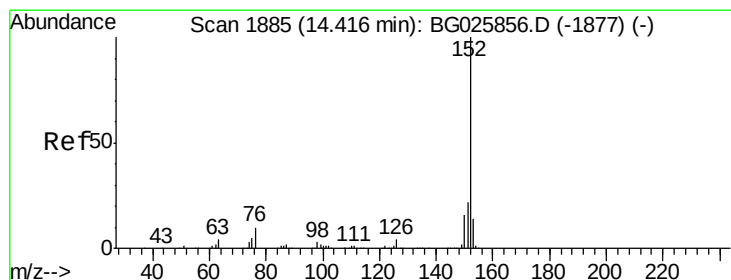
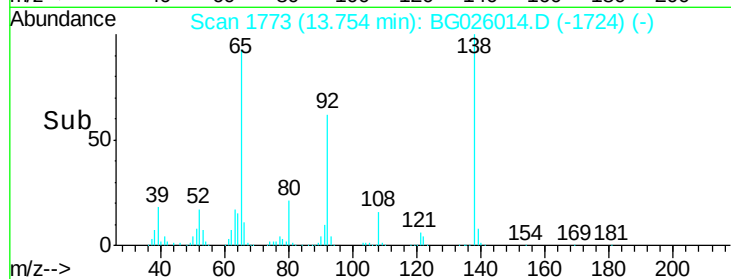
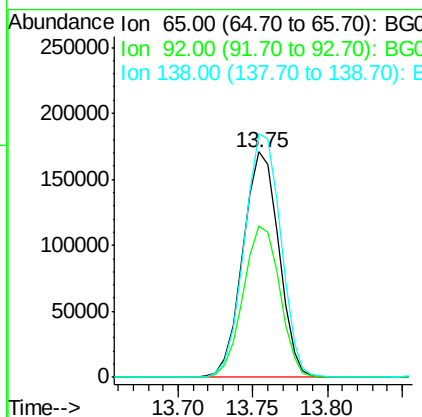
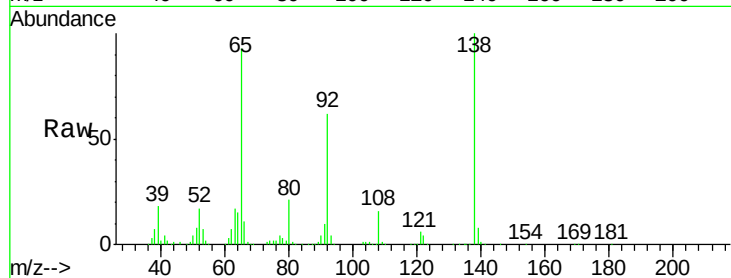
#47
2-Nitroaniline
Concen: 46.70 ng
RT: 13.75 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	49.0	73.4
138	108.0	58.6	87.8

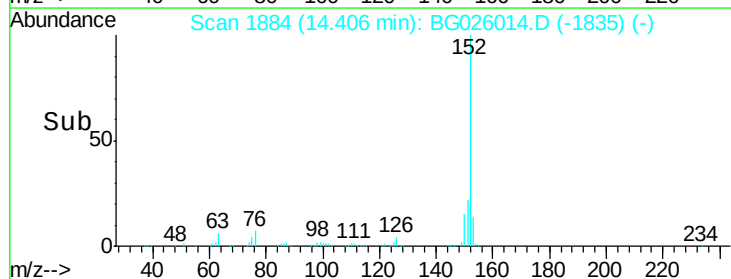
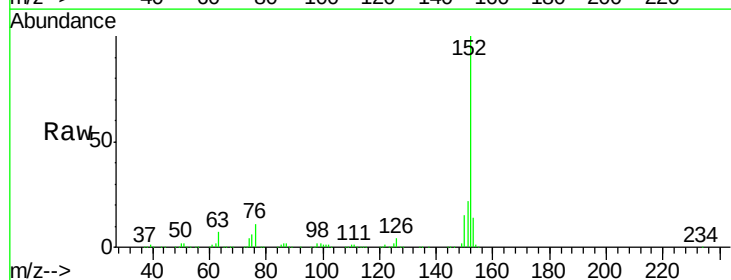
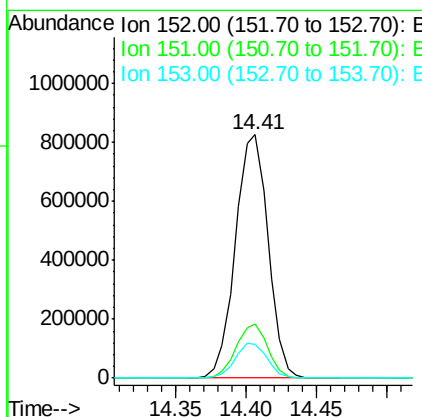
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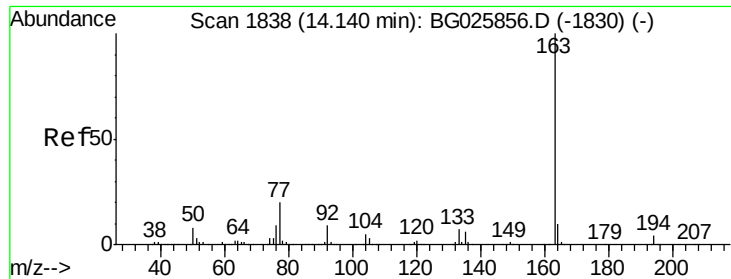
mohammad
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#48
Acenaphthylene
Concen: 39.03 ng
RT: 14.41 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	18.2	27.2
153	13.9	11.3	16.9





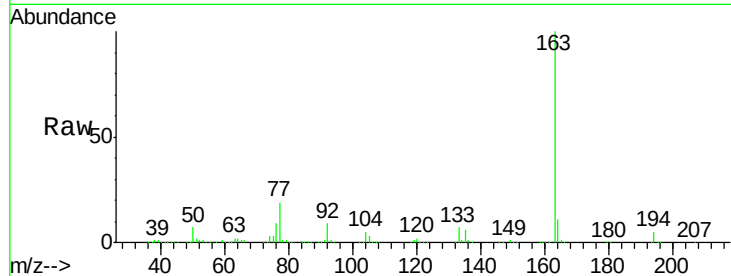
#49
Dimethylphthalate
Concen: 41.70 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

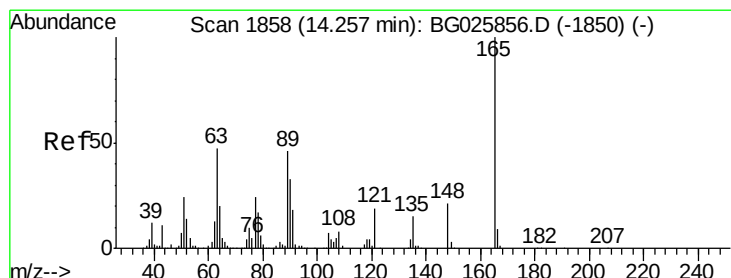
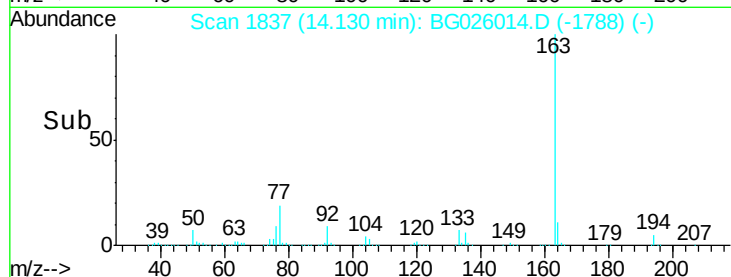
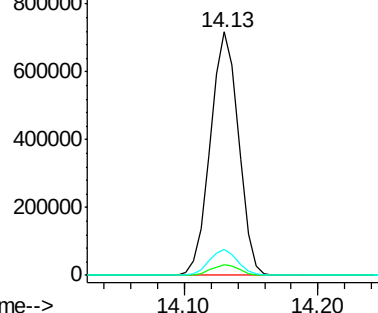
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	10.5	9.3	13.9

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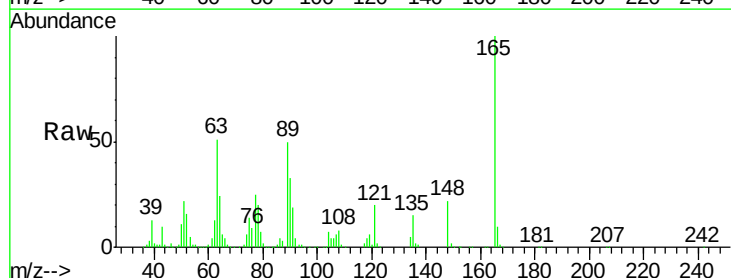


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

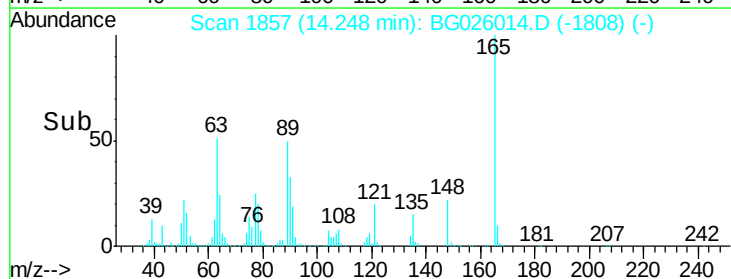
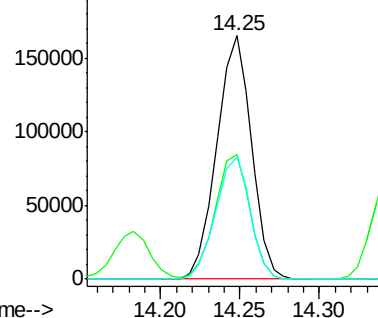


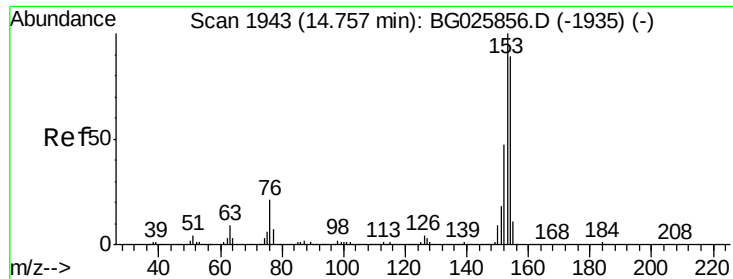
#50
2,6-Dinitrotoluene
Concen: 44.31 ng
RT: 14.25 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	63.9	95.9#
89	50.3	58.6	88.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.61 ng

RT: 14.75 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

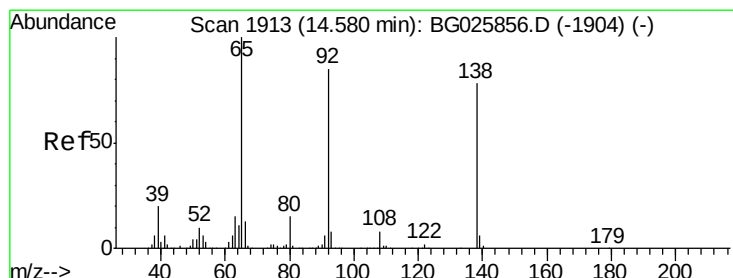
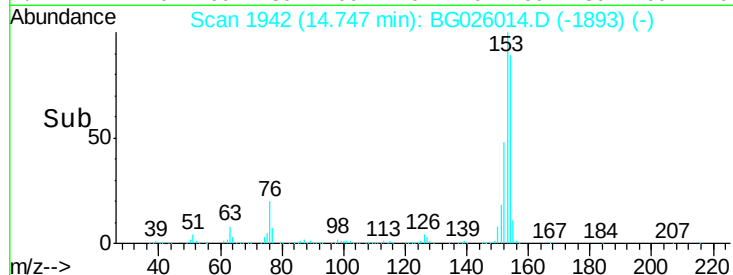
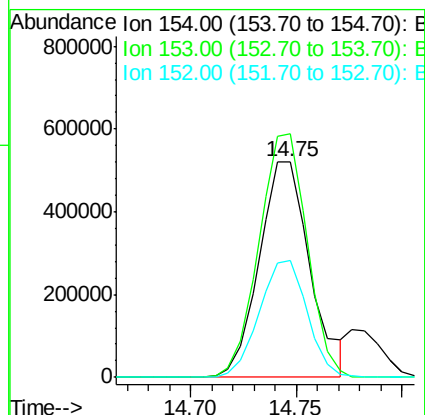
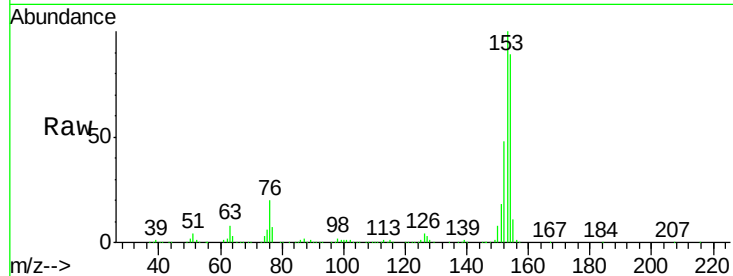
ClientSampleId :

PB97225BS

Tgt Ion:	154	Resp:	872457
Ion Ratio	Lower	Upper	
154	100		
153	112.7	87.8	131.6
152	54.3	42.2	63.4

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#52

3-Nitroaniline

Concen: 19.23 ng

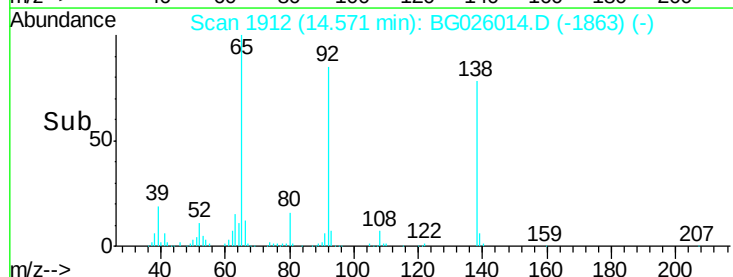
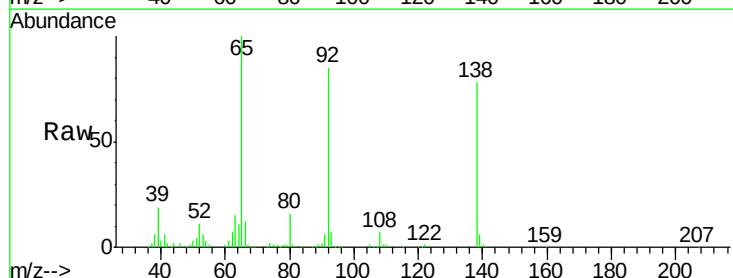
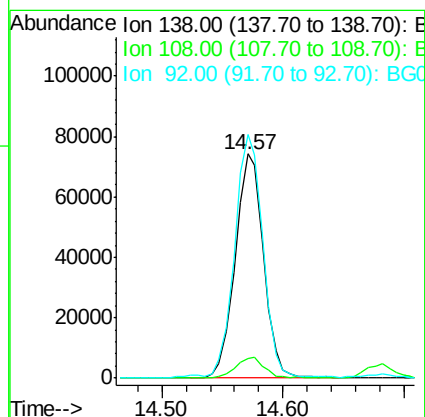
RT: 14.57 min Scan# 1912

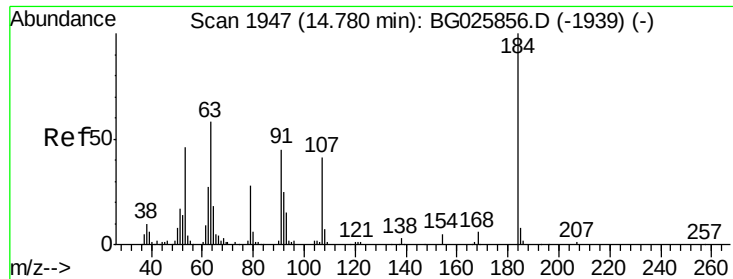
Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	138	Resp:	121566
Ion Ratio	Lower	Upper	
138	100		
108	8.8	10.9	16.3#
92	108.7	115.3	172.9#





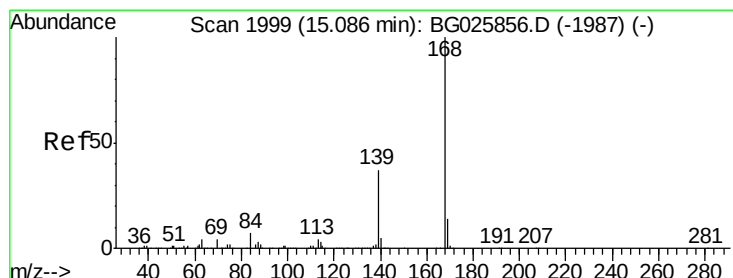
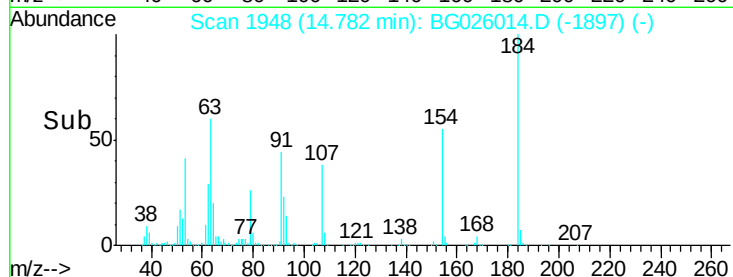
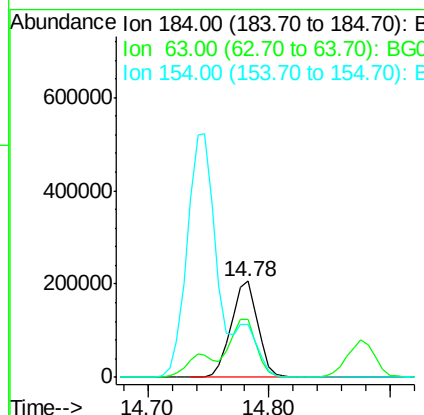
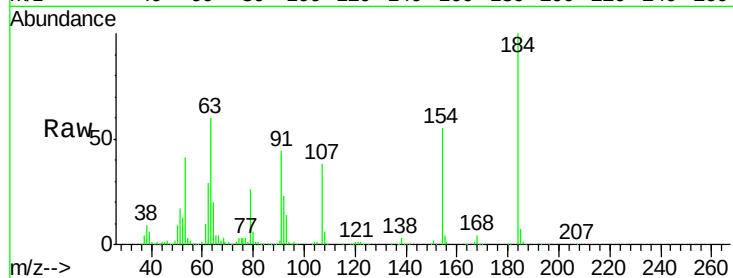
#53
2,4-Dinitrophenol
Concen: 107.62 ng
RT: 14.78 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	318339		
63	60.3	52.7	79.1	
154	55.0	57.3	85.9	

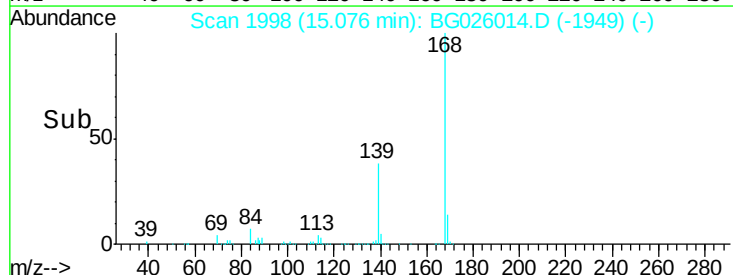
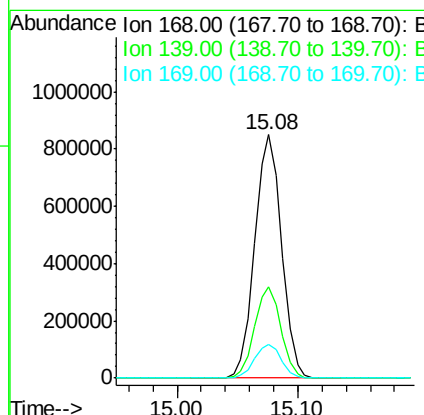
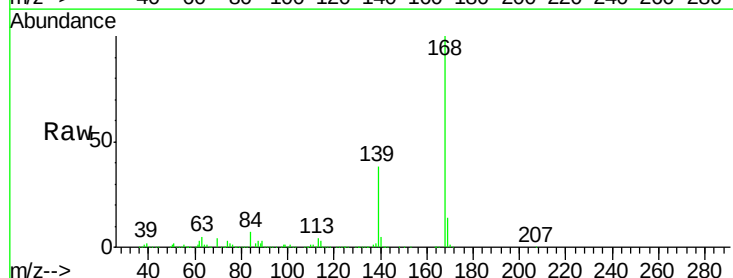
Manual Integrations
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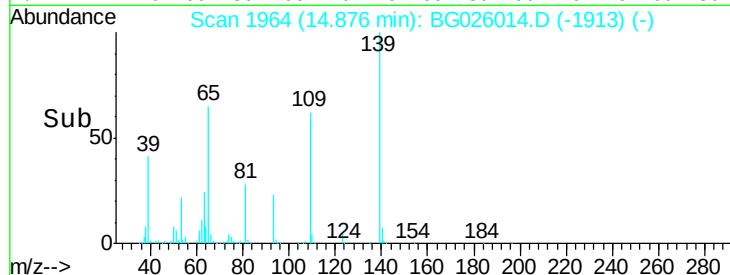
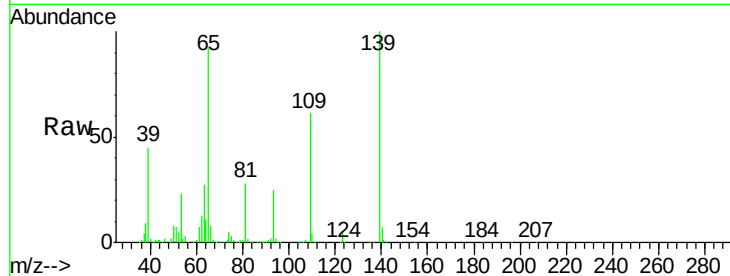
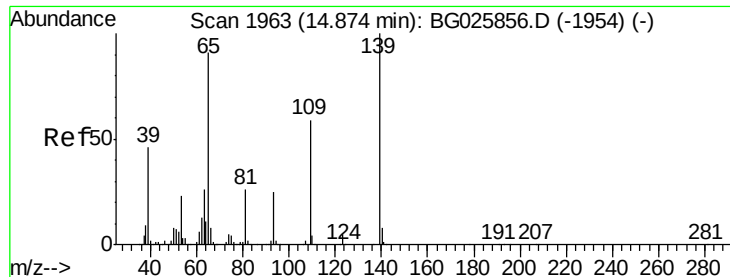
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#54
Dibenzofuran
Concen: 43.48 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1309750		
139	37.6	35.3	52.9	
169	13.9	11.5	17.3	





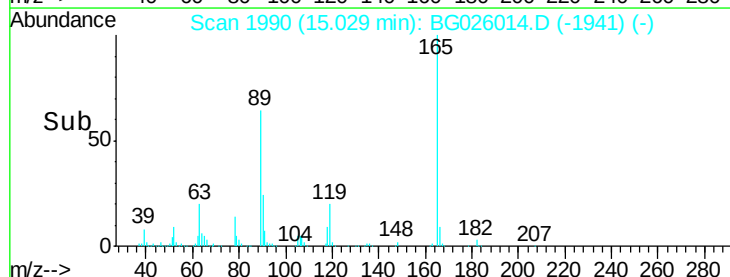
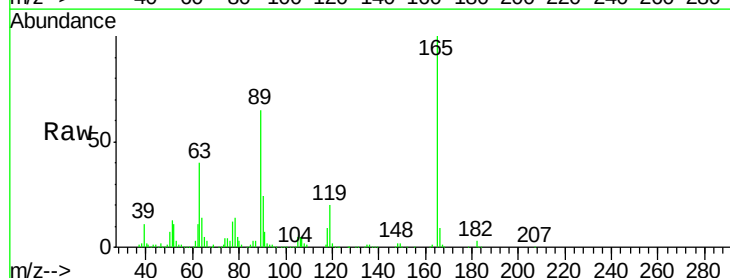
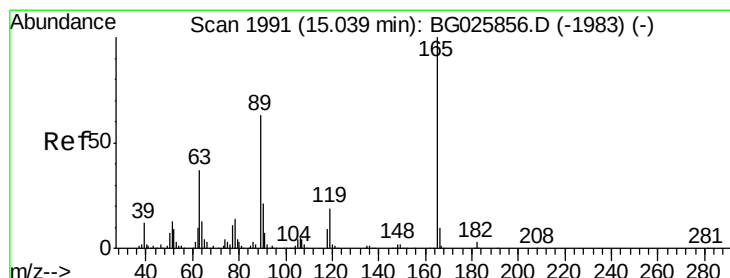
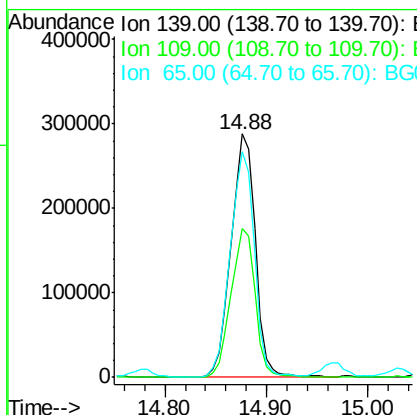
#55
4-Nitrophenol
Concen: 93.50 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	481092		
109	61.1	101.2	141.2#	
65	92.7	135.3	175.3#	

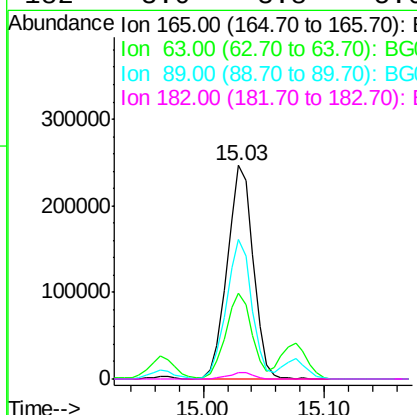
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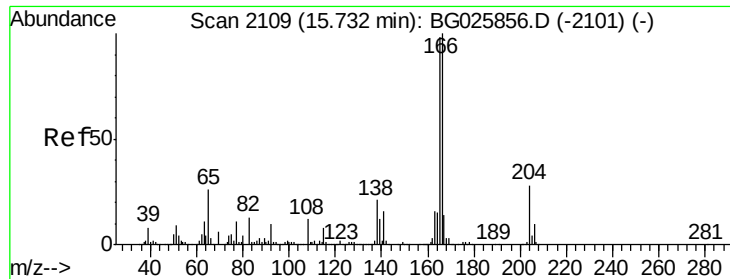
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#56
2,4-Dinitrotoluene
Concen: 48.40 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	368074		
63	40.1	44.0	66.0#	
89	65.3	67.3	100.9#	
182	3.0	3.8	5.6#	





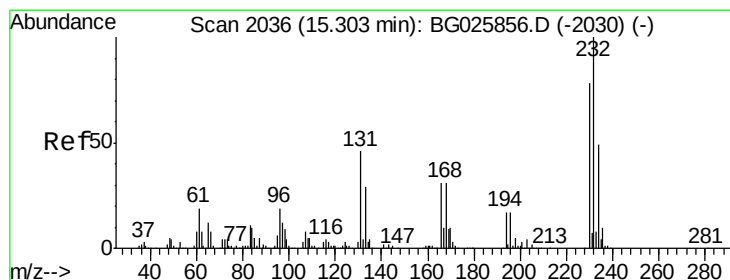
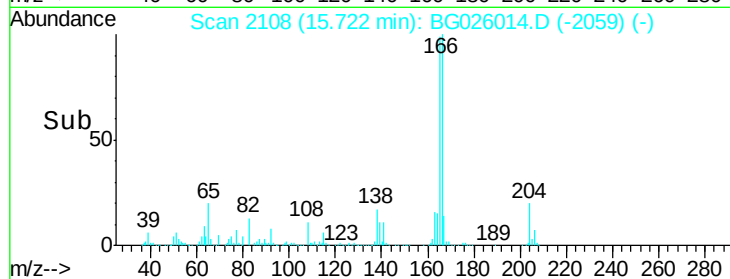
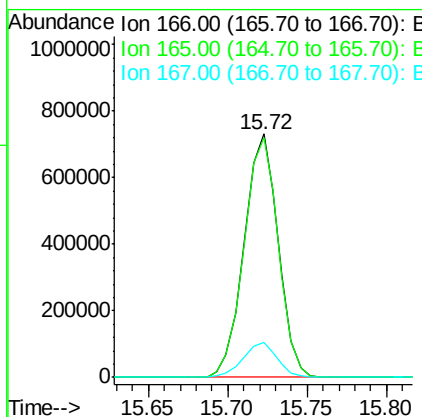
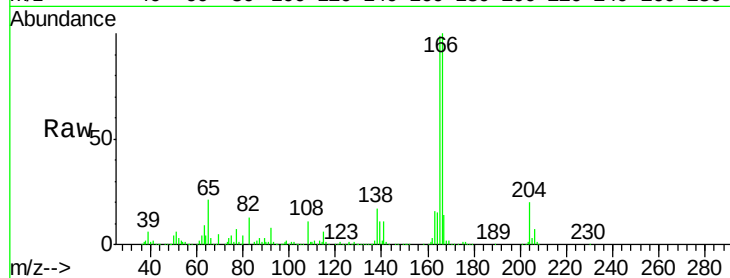
#57
 Fluorene
 Concen: 40.35 ng
 RT: 15.72 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	14.3	11.6	17.4

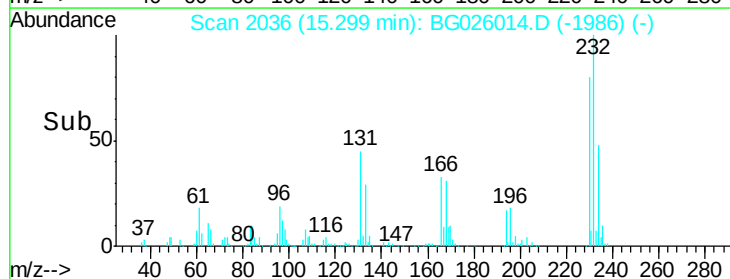
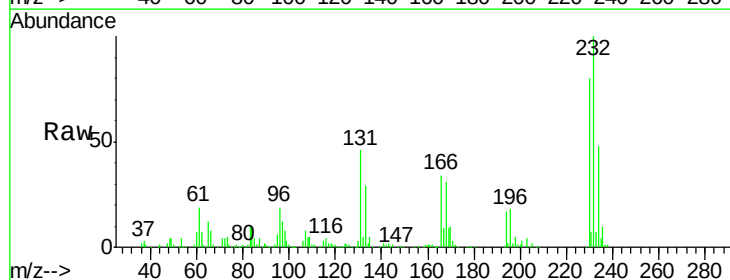
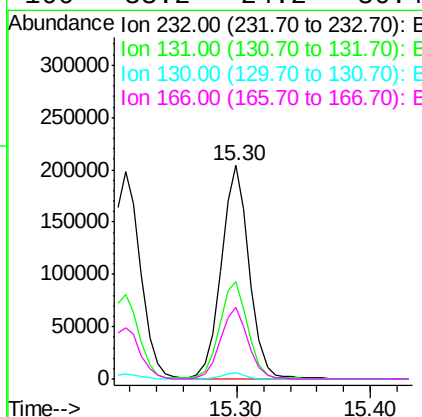
Manual Integrations
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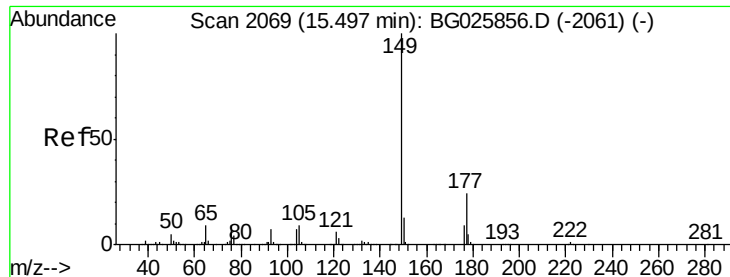
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.01 ng
 RT: 15.30 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.1	34.9	52.3
130	2.6	2.3	3.5
166	33.2	24.2	36.4





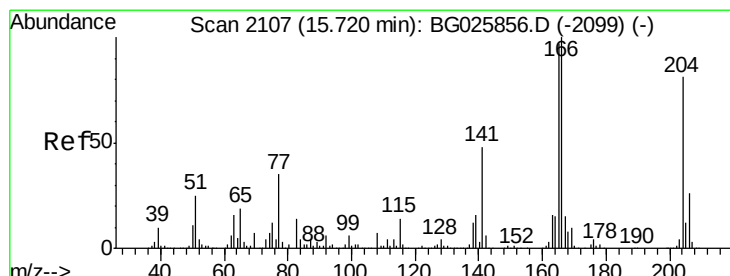
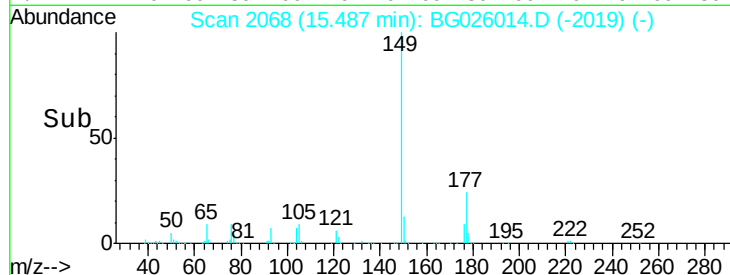
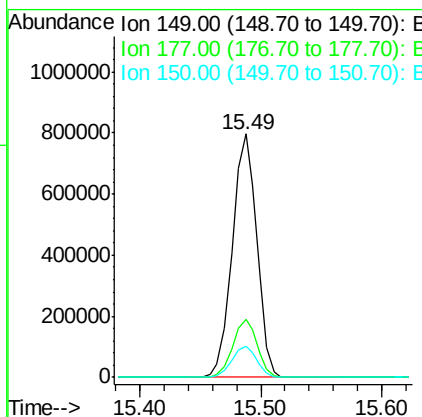
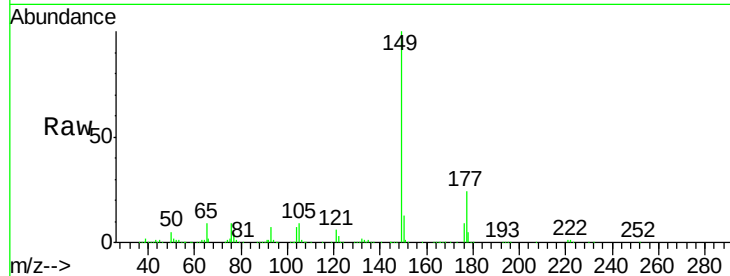
#59
Diethylphthalate
Concen: 43.19 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion:149 Resp: 1124173
Ion Ratio Lower Upper
149 100
177 23.9 20.1 30.1
150 13.0 10.2 15.2

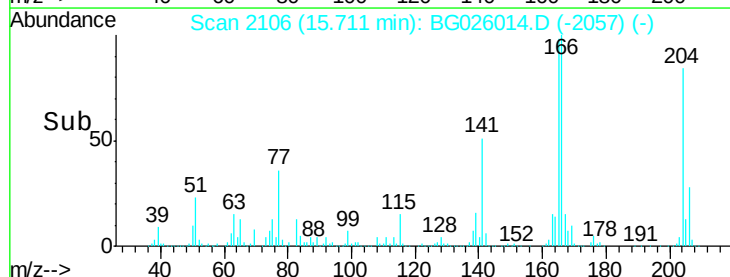
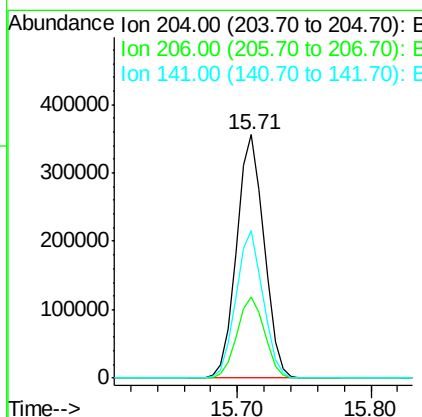
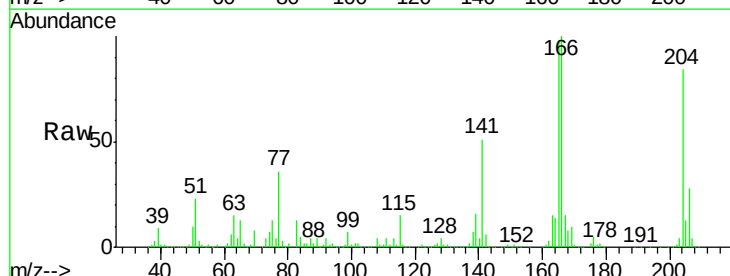
Manual Integrations
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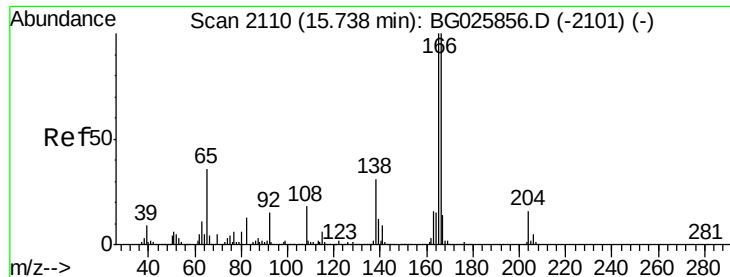
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.60 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:204 Resp: 506391
Ion Ratio Lower Upper
204 100
206 33.5 30.1 45.1
141 60.5 50.6 76.0





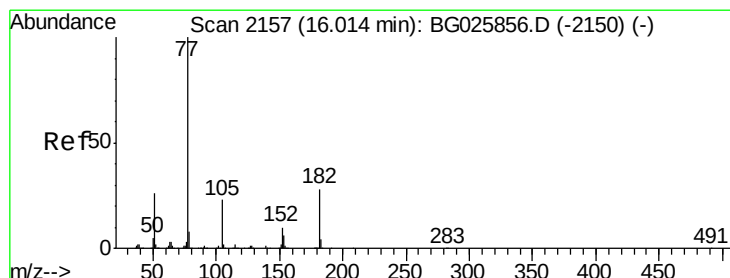
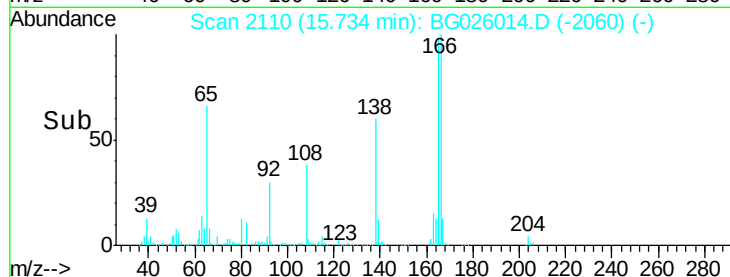
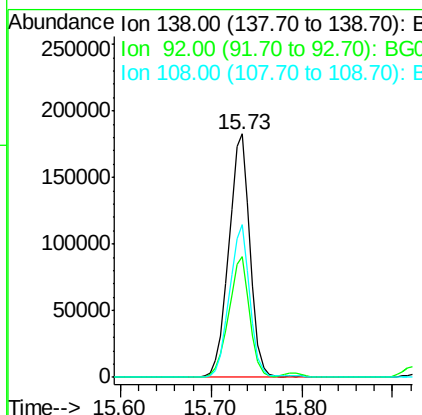
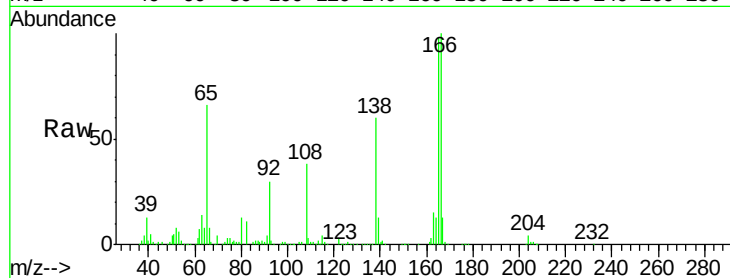
#61
4-Nitroaniline
Concen: 45.35 ng
RT: 15.73 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	297219		
92	49.6	44.2	84.2	
108	62.8	104.8	144.8	

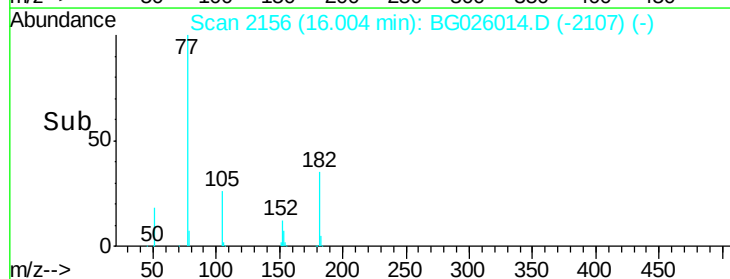
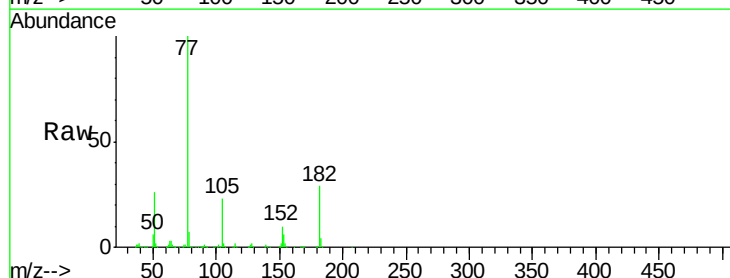
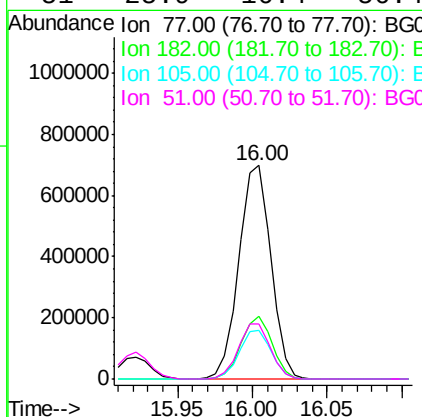
Manual Integrations
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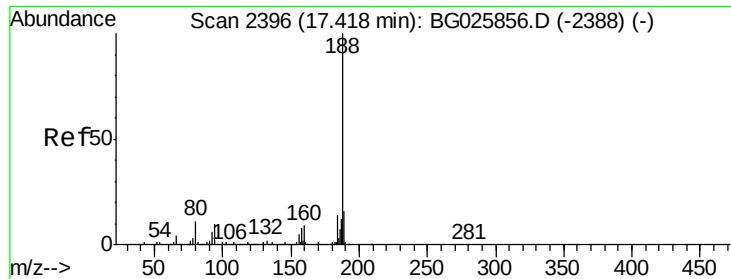
mohammad
3/1/2017 3:07:21 PM



#62
Azobenzene
Concen: 46.49 ng
RT: 16.00 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1040164		
182	29.4	4.7	44.7	
105	22.5	0.0	36.3	
51	25.9	16.4	56.4	





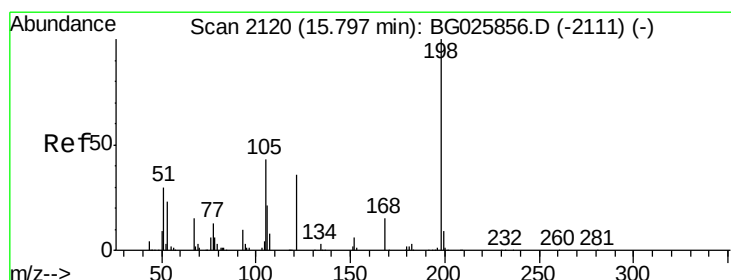
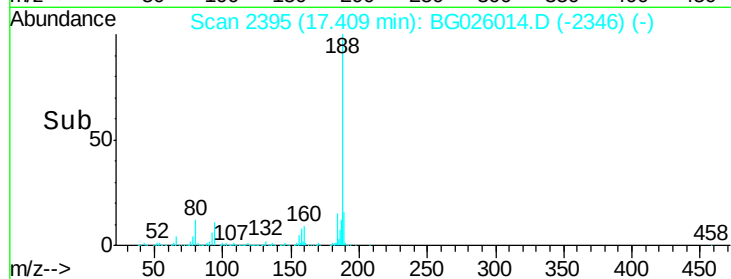
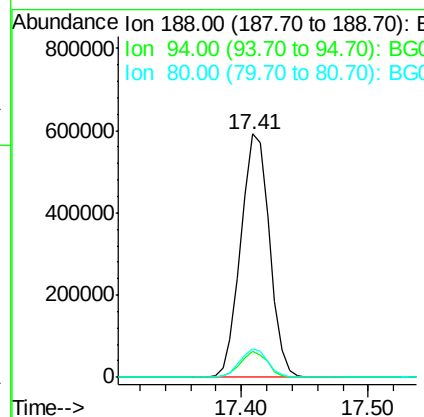
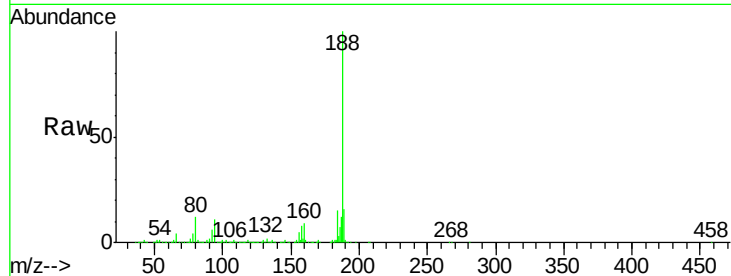
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.41 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	5.8	8.8#
80	11.6	7.5	11.3#

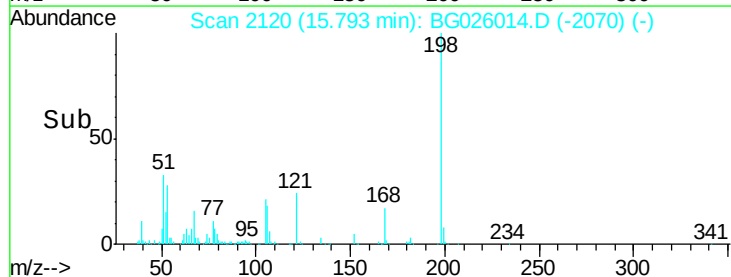
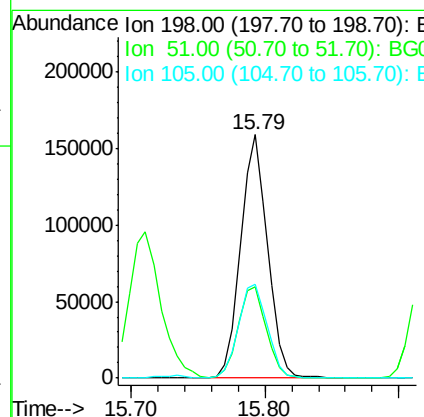
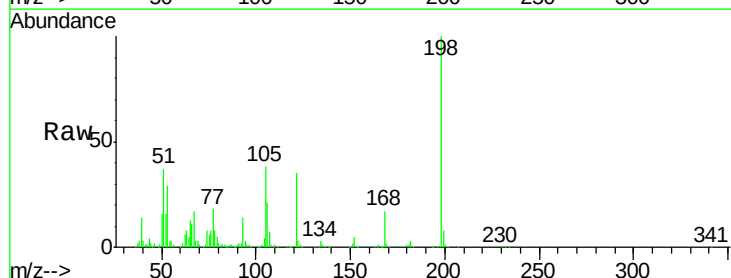
Manual Integrations
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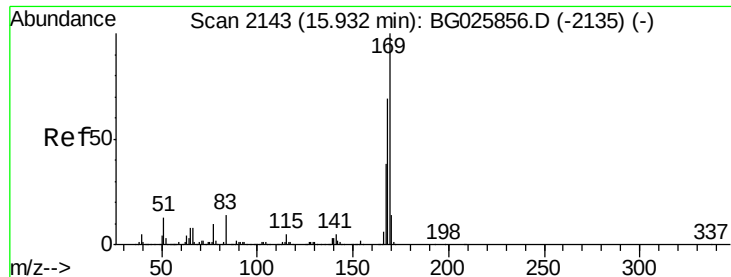
mohammad
 3/1/2017 3:07:21 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.87 ng
 RT: 15.79 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.3	22.6	62.6
105	38.3	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 35.67 ng

RT: 15.92 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

ClientSampleId :

PB97225BS

Tgt Ion:169 Resp: 1004002

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

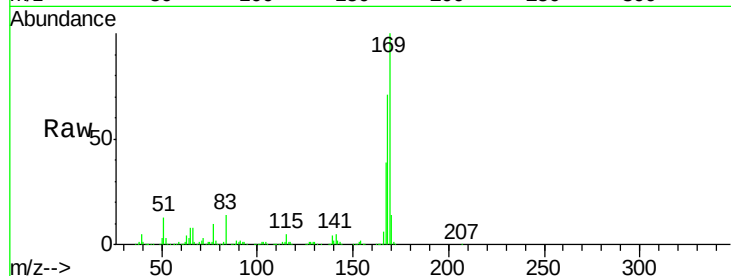
167 39.3 29.8 44.6

Manual Integrations

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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

400000

200000

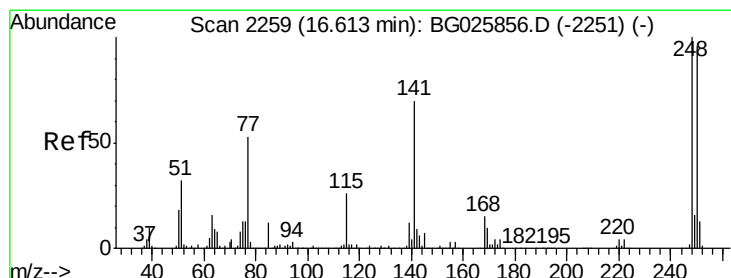
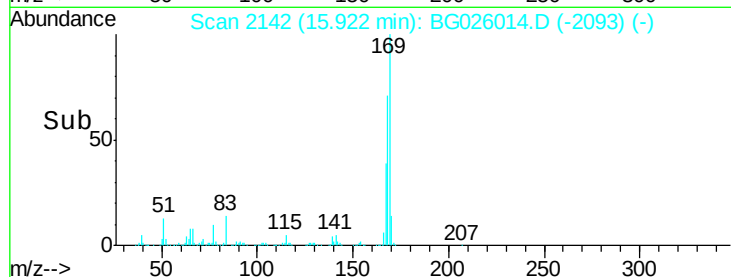
0

15.92

15.90

16.00

Time-->



#66

4-Bromophenyl-phenylether

Concen: 35.72 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

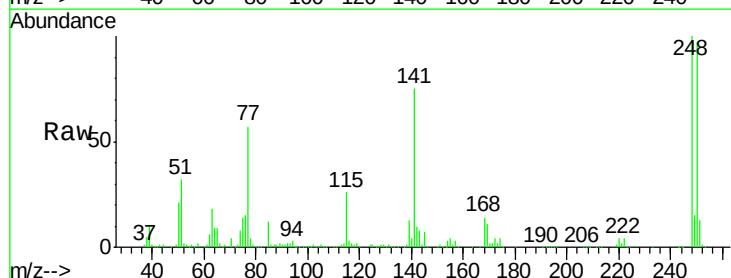
Tgt Ion:248 Resp: 347406

Ion Ratio Lower Upper

248 100

250 96.6 75.0 112.6

141 74.8 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

300000

200000

100000

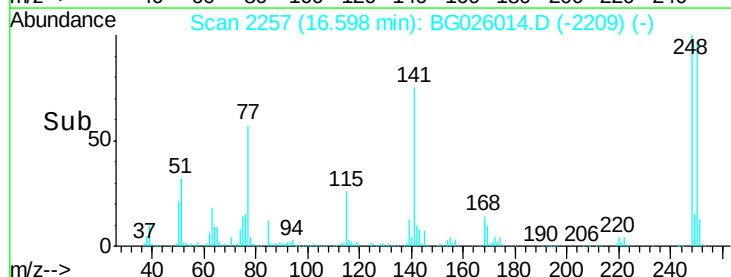
0

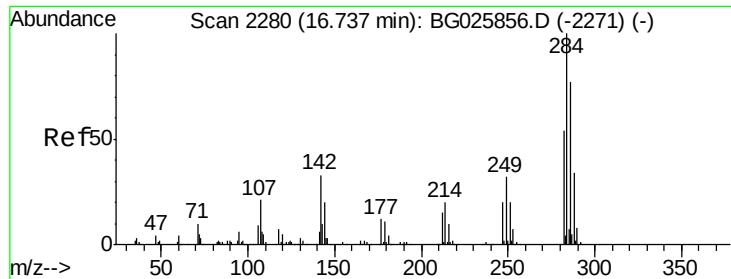
16.60

16.55

16.65

Time-->





#67

Hexachlorobenzene

Concen: 35.19 ng

RT: 16.73 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

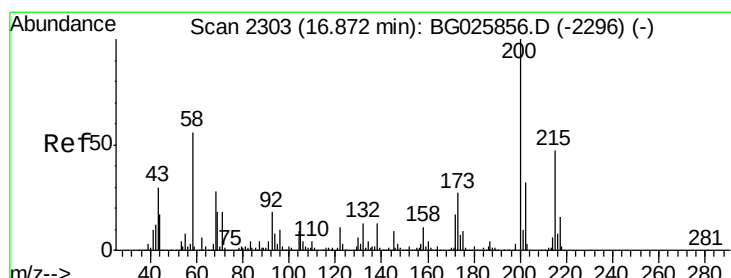
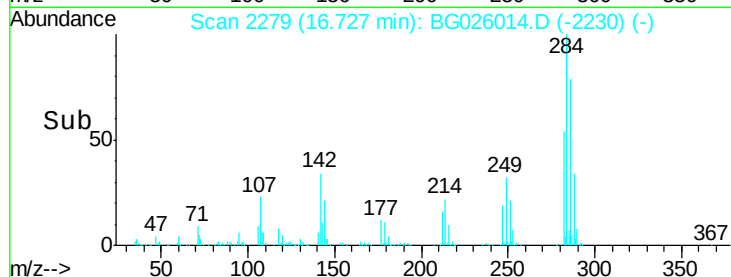
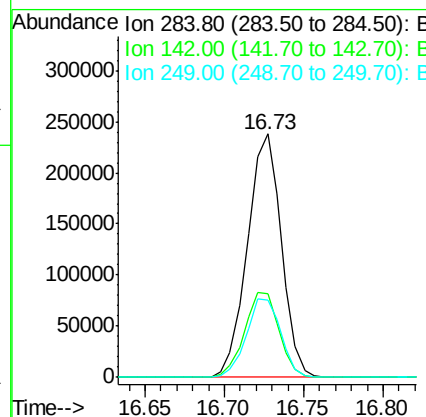
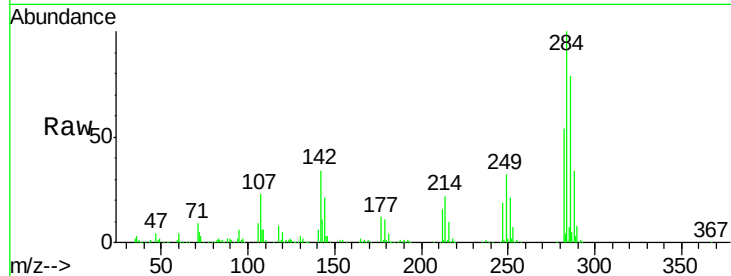
ClientSampleId :

PB97225BS

Tgt Ion:	284	Resp:	352789
Ion Ratio	Lower	Upper	
284	100		
142	34.3	29.9	44.9
249	31.6	29.2	43.8

Manual Integrations
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#68

Atrazine

Concen: 37.07 ng

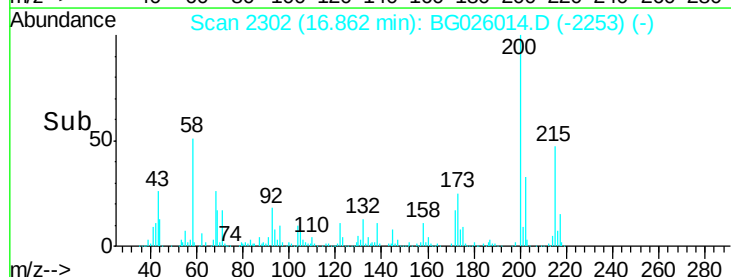
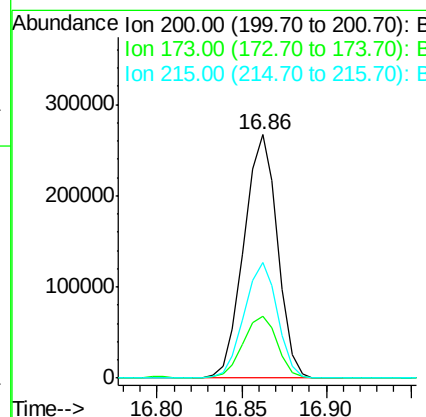
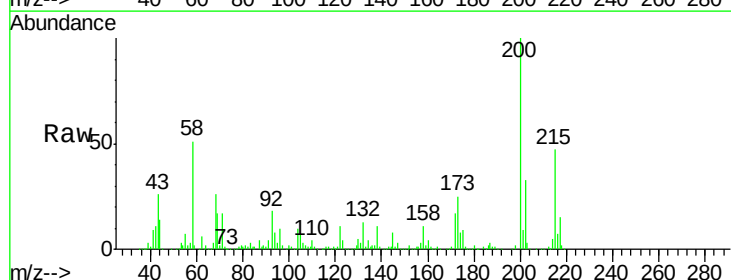
RT: 16.86 min Scan# 2302

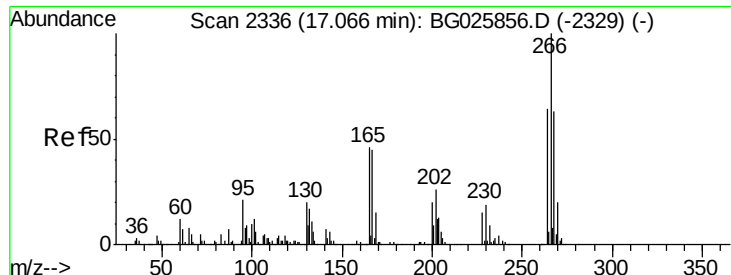
Delta R.T. -0.01 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion:	200	Resp:	369286
Ion Ratio	Lower	Upper	
200	100		
173	25.4	3.0	43.0
215	47.4	28.4	68.4





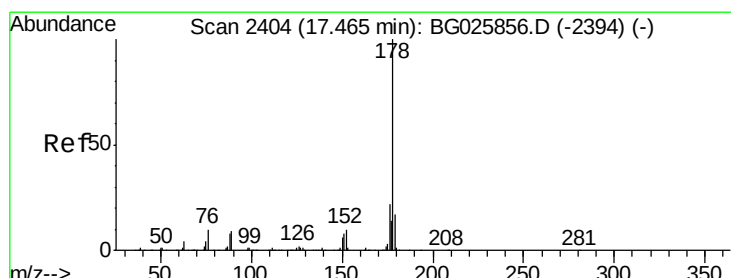
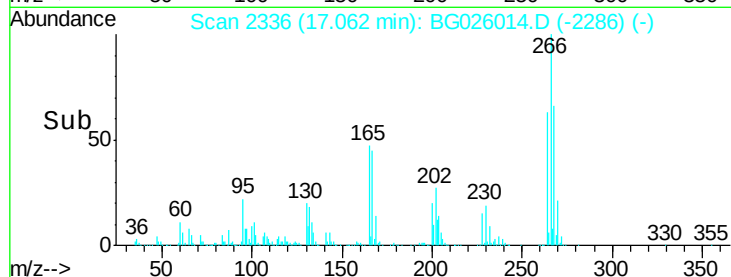
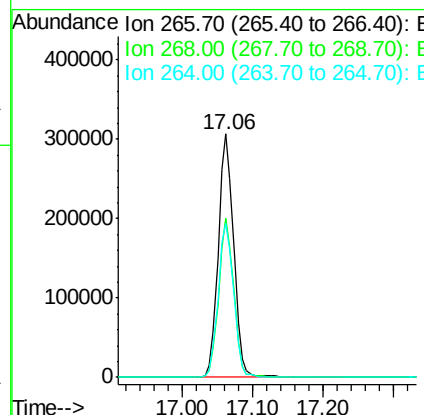
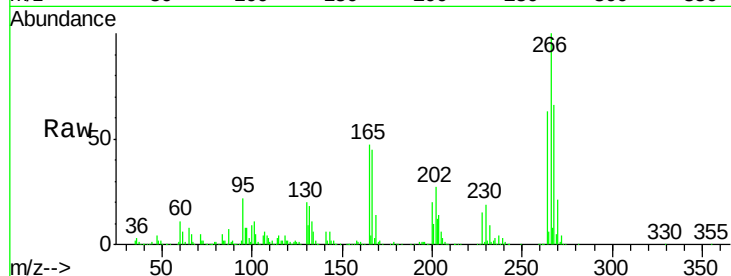
#69
 Pentachlorophenol
 Concen: 75.40 ng
 RT: 17.06 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	466268		
268	65.5	48.6	72.8	
264	63.2	50.1	75.1	

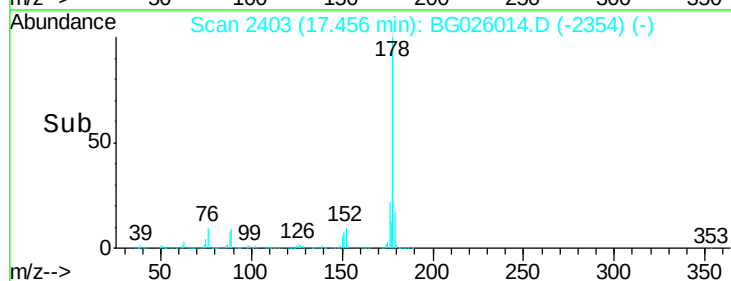
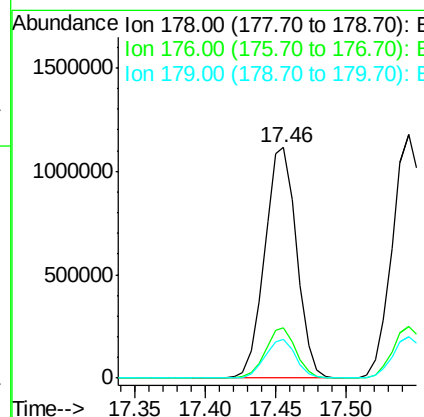
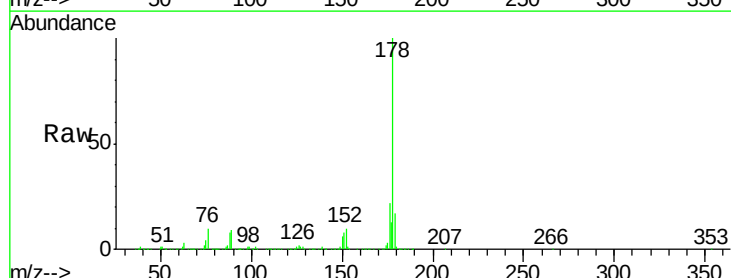
Manual Integrations
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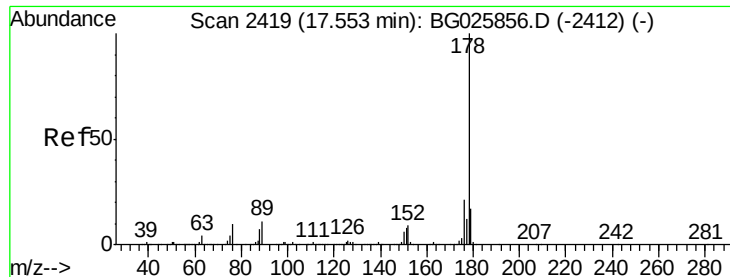
mohammad
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#70
 Phenanthrene
 Concen: 35.09 ng
 RT: 17.46 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1767556		
176	21.6	17.7	26.5	
179	16.7	15.0	22.6	





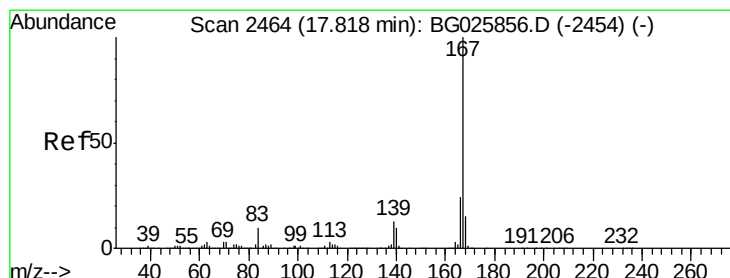
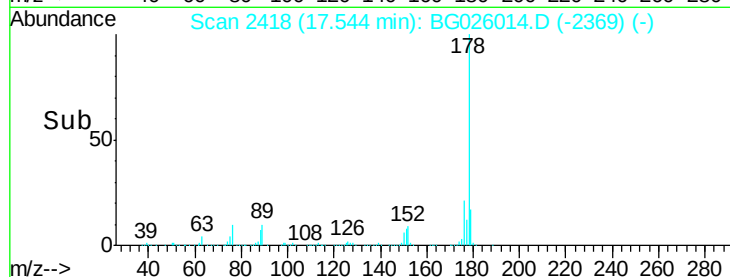
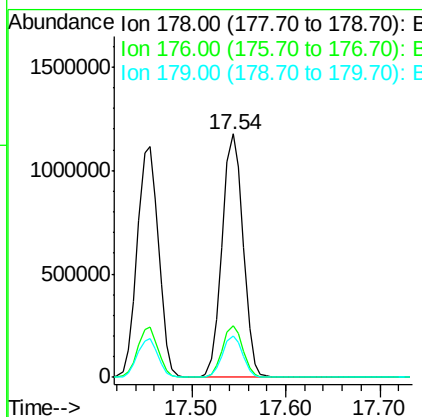
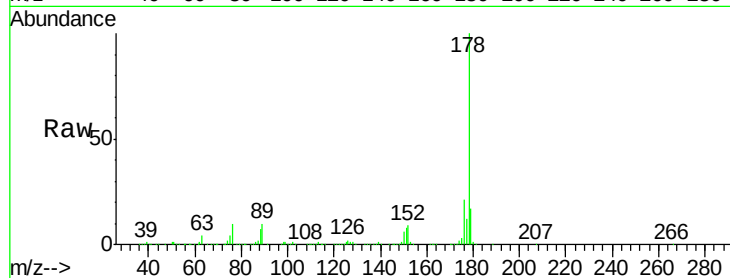
#71
 Anthracene
 Concen: 35.88 ng
 RT: 17.54 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion:178 Resp: 1842992
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.4 24.6
 179 16.8 13.8 20.8

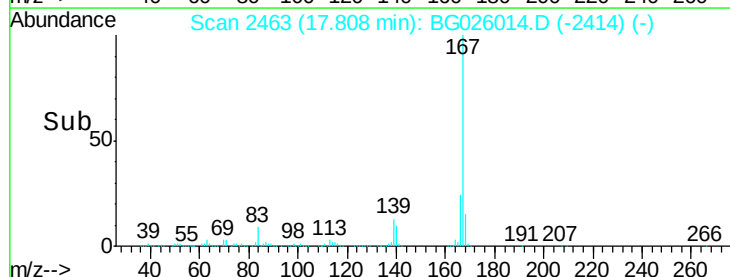
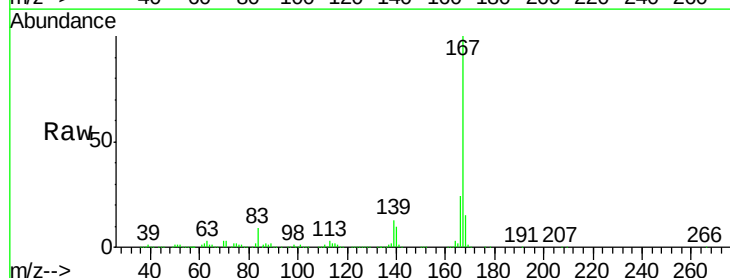
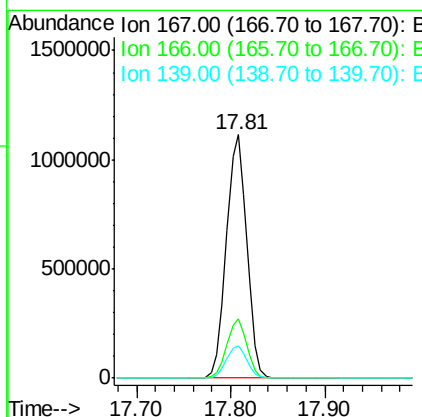
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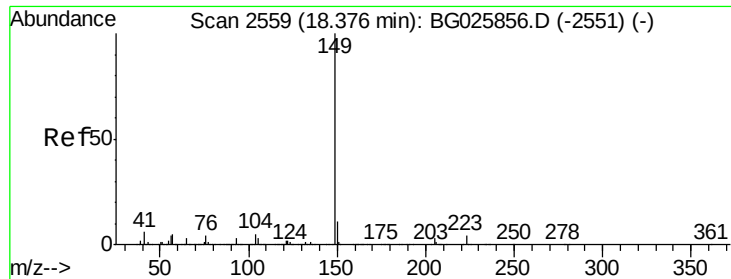
mohammad
 3/1/2017 3:07:21 PM



#72
 Carbazole
 Concen: 32.61 ng
 RT: 17.81 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:167 Resp: 1682625
 Ion Ratio Lower Upper
 167 100
 166 24.3 20.2 30.2
 139 13.1 12.8 19.2





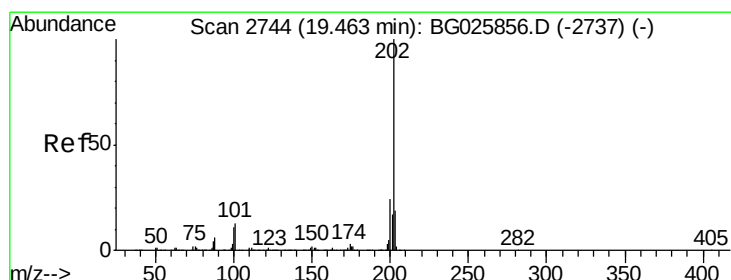
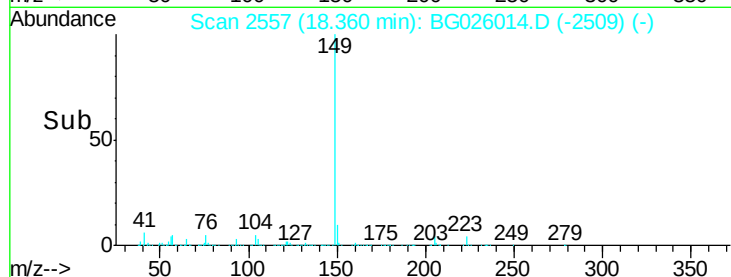
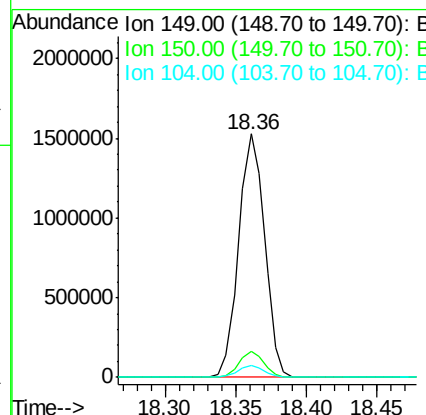
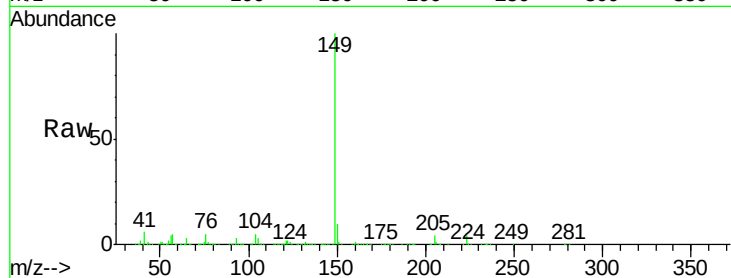
#73
Di-n-butylphthalate
Concen: 38.73 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	9.1	13.7
104	5.0	6.7	10.1

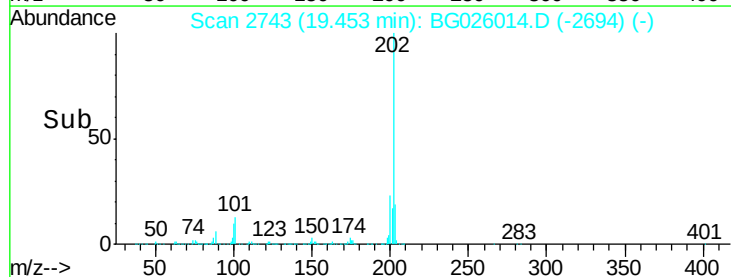
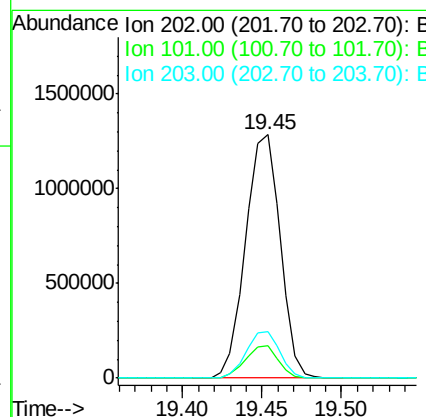
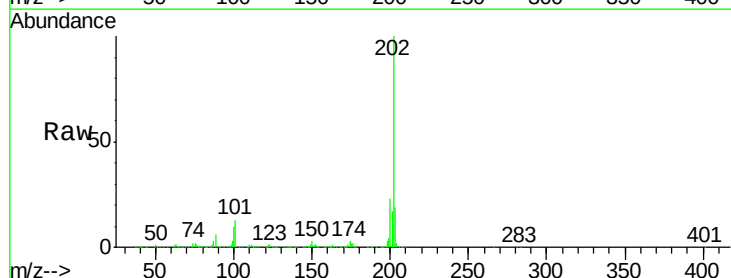
Manual Integrations
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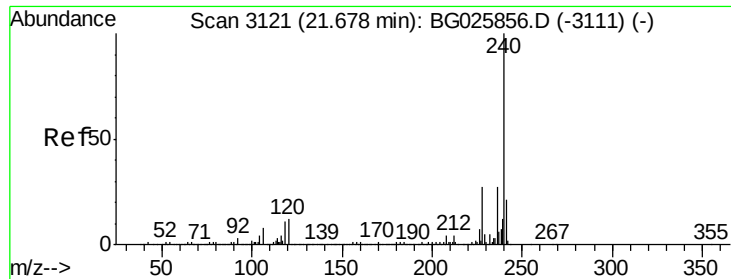
mohammad
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#74
Fluoranthene
Concen: 35.20 ng
RT: 19.45 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.1
203	19.3	1.3	41.3





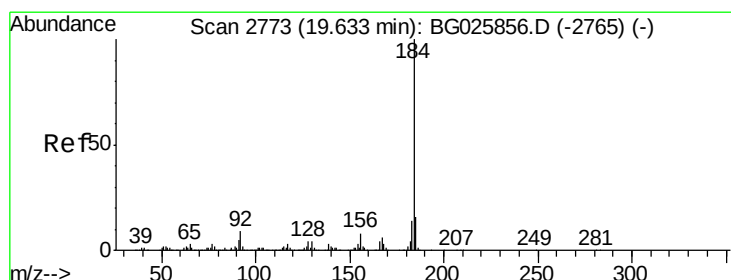
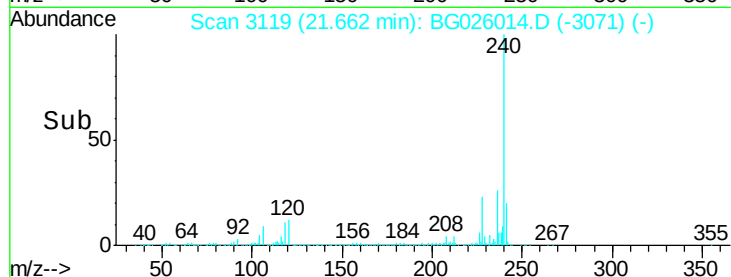
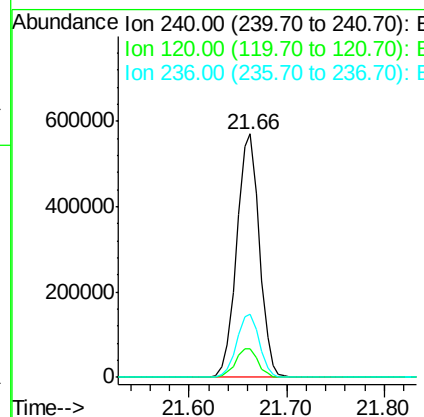
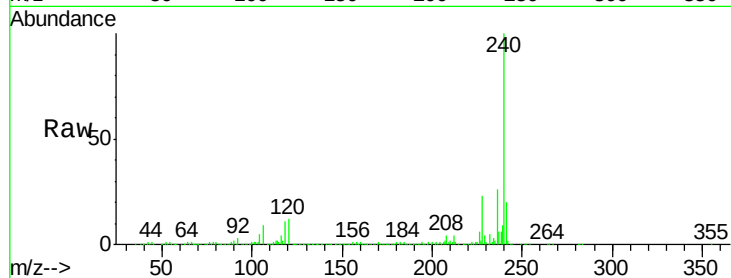
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion:240 Resp: 915310
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 25.9 22.2 33.4

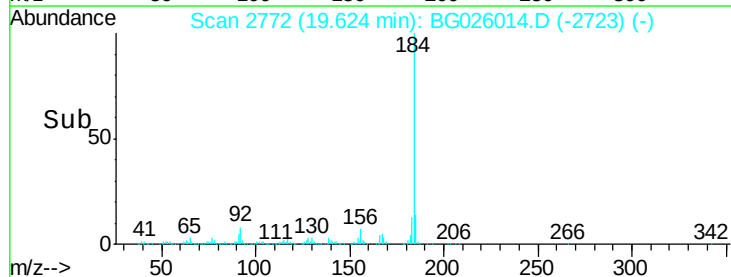
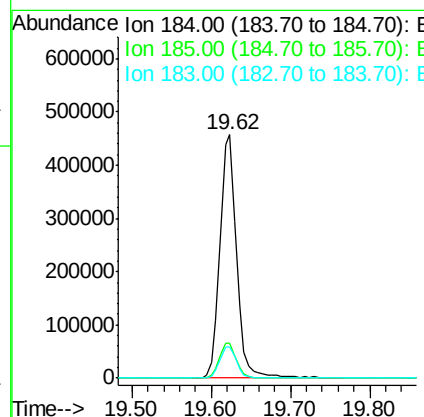
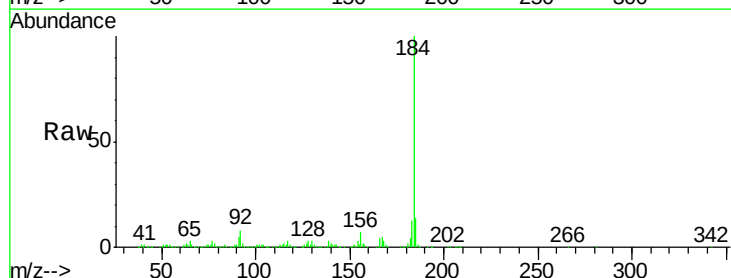
Manual Integrations
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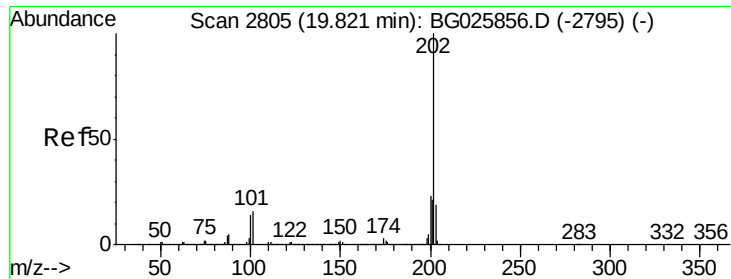
mohammad
3/1/2017 3:07:21 PM



#76
Benzidine
Concen: 23.12 ng
RT: 19.62 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion:184 Resp: 668079
Ion Ratio Lower Upper
184 100
185 14.4 13.0 19.6
183 13.0 11.0 16.6





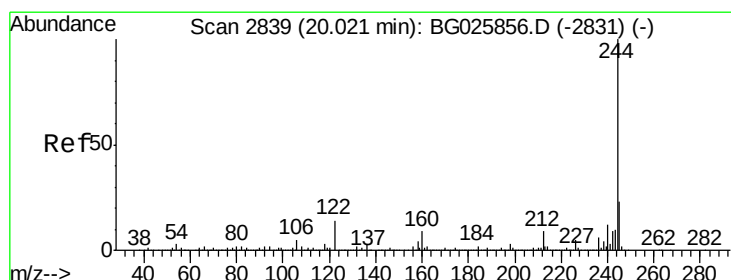
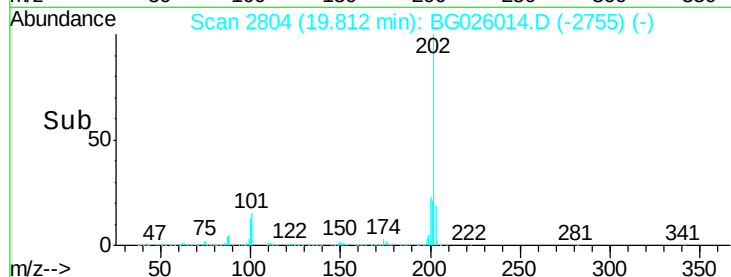
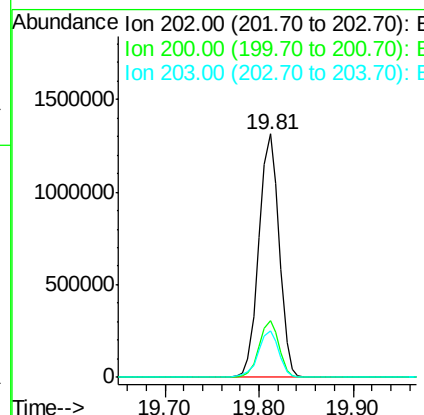
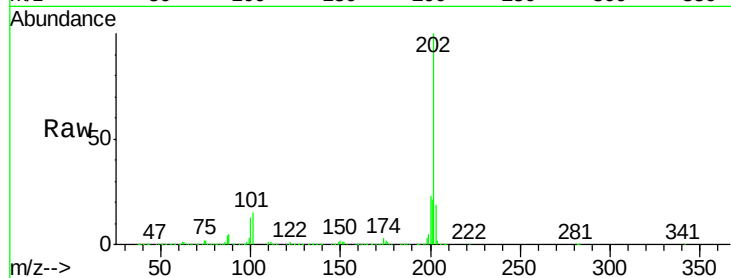
#77
 Pyrene
 Concen: 33.84 ng
 RT: 19.81 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	19.6	29.4
203	19.2	15.8	23.8

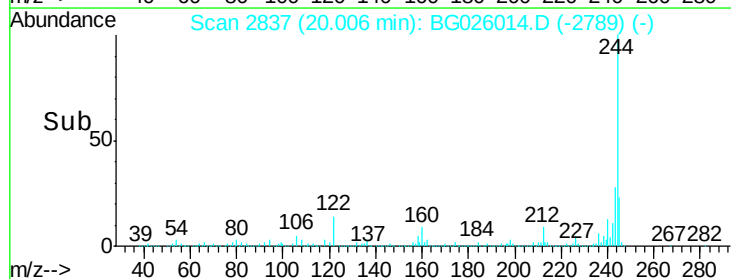
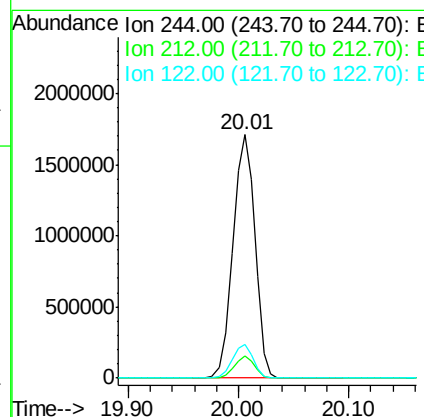
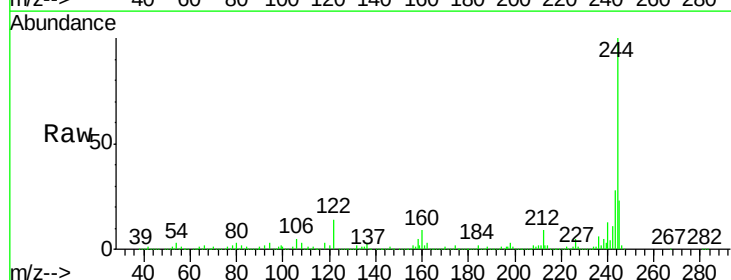
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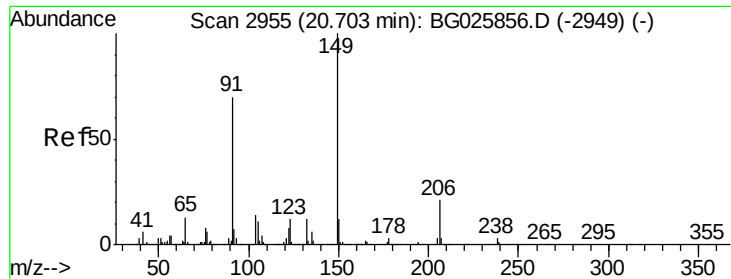
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#78
 Terphenyl-d14
 Concen: 63.56 ng
 RT: 20.01 min Scan# 2837
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	13.8	8.6	12.8#





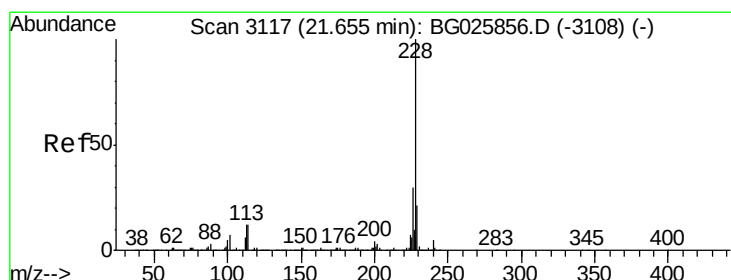
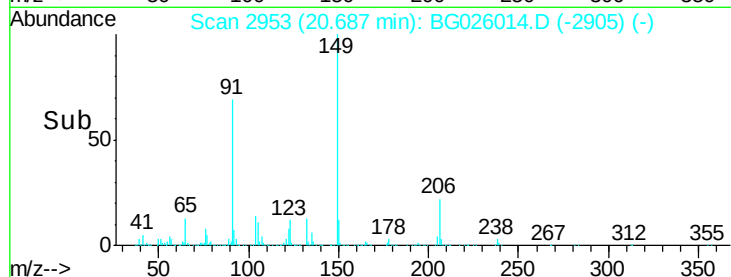
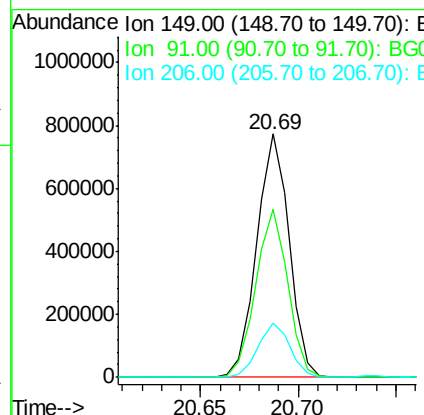
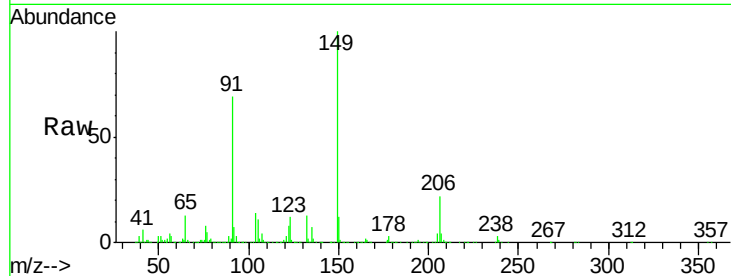
#79
Butylbenzylphthalate
Concen: 40.24 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	884039		
91	69.3	63.5	95.3	
206	22.2	21.0	31.6	

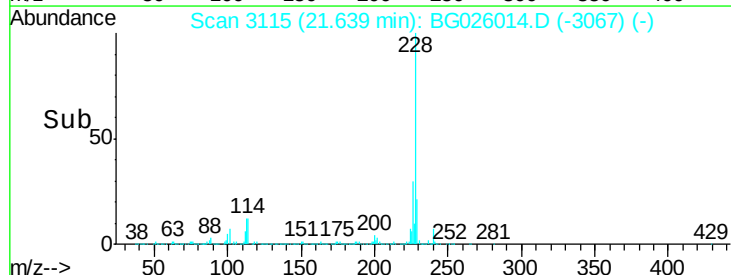
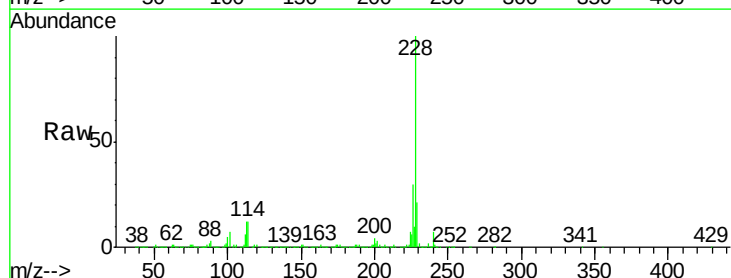
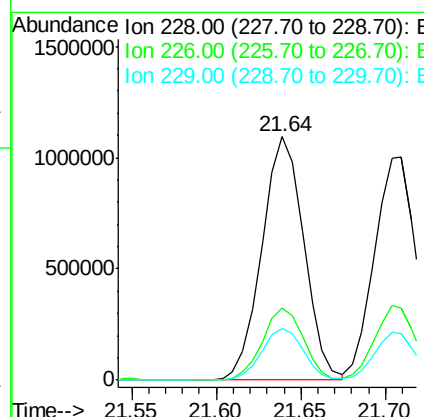
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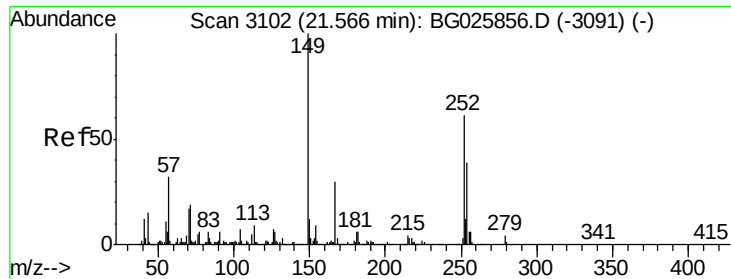
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#80
Benzo(a)anthracene
Concen: 35.16 ng
RT: 21.64 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1878858		
226	29.8	24.9	37.3	
229	21.3	18.2	27.2	





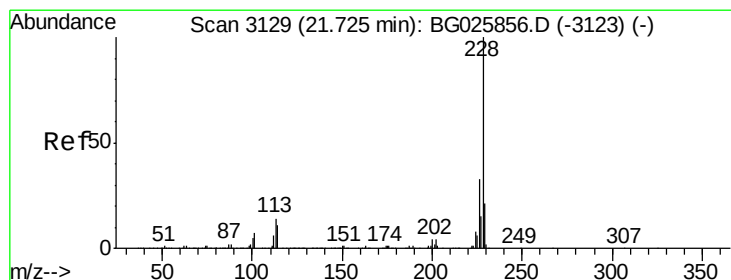
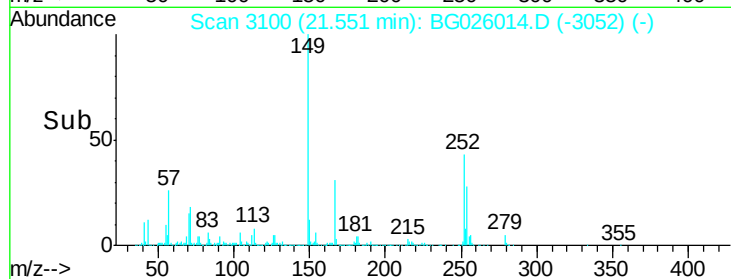
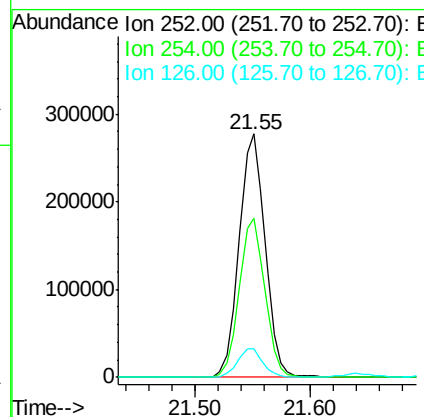
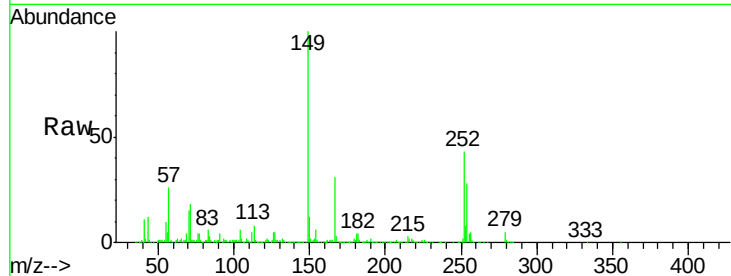
#81
 3,3'-Dichlorobenzidine
 Concen: 22.69 ng
 RT: 21.55 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	432352		
254	65.5	53.1	79.7	
126	11.7	7.0	10.4	

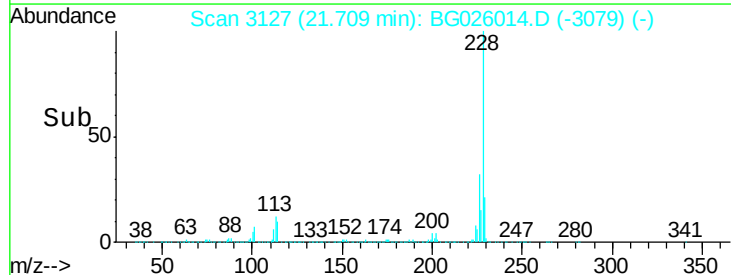
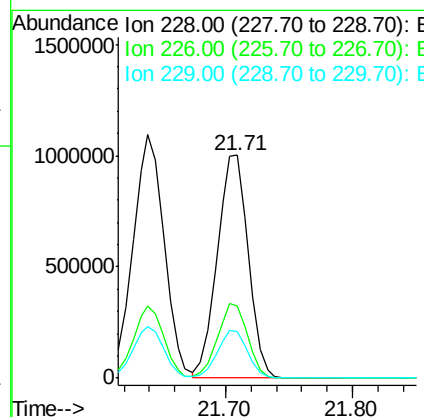
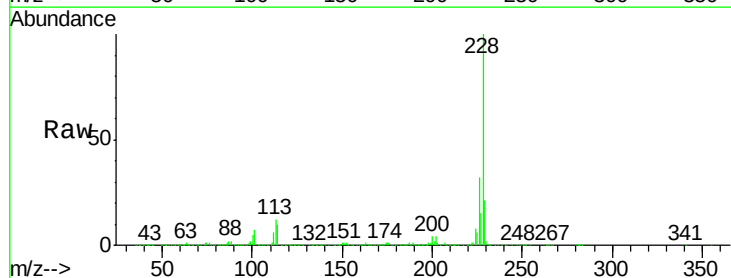
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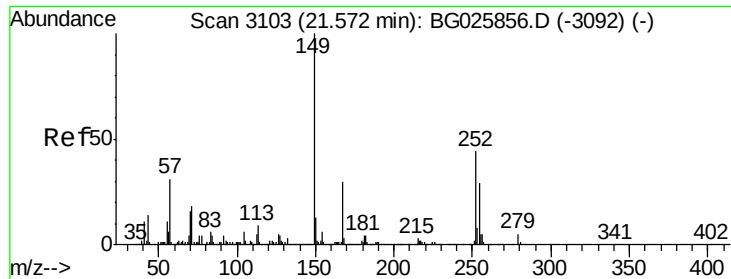
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#82
 Chrysene
 Concen: 33.15 ng
 RT: 21.71 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1703449		
226	32.5	27.0	40.4	
229	20.7	17.8	26.6	





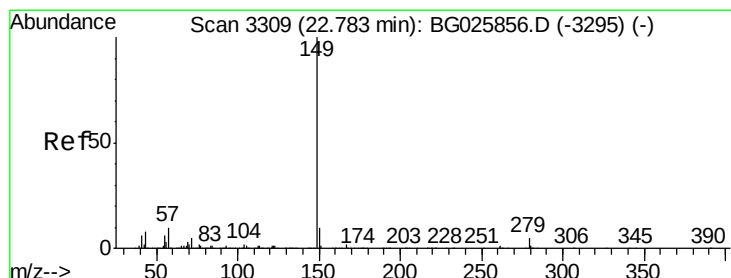
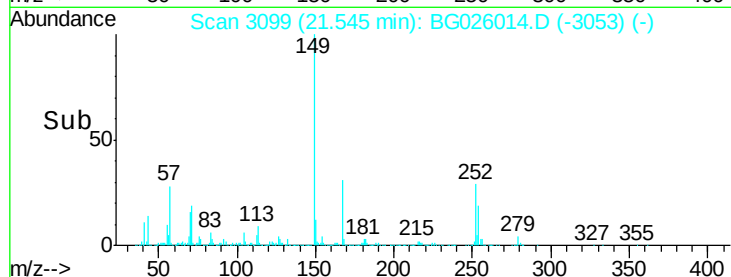
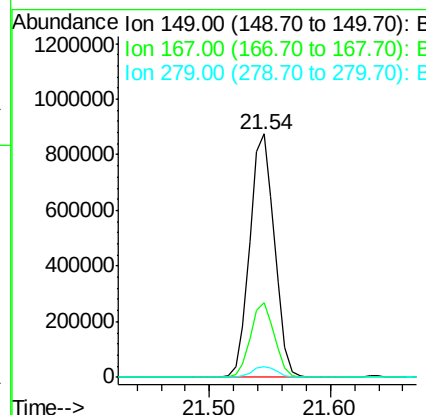
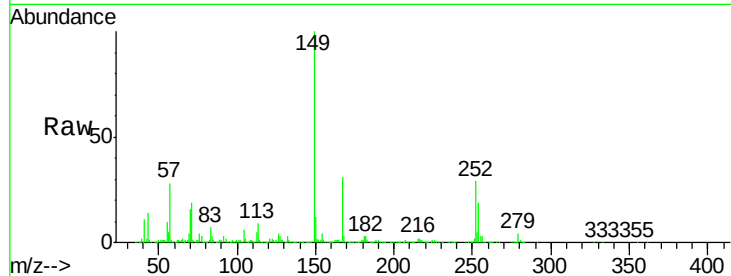
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.20 ng
 RT: 21.54 min Scan# 3099
 Delta R.T. -0.03 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion:149 Resp: 1243423
 Ion Ratio Lower Upper
 149 100
 167 30.6 23.7 35.5
 279 4.5 4.6 6.8#

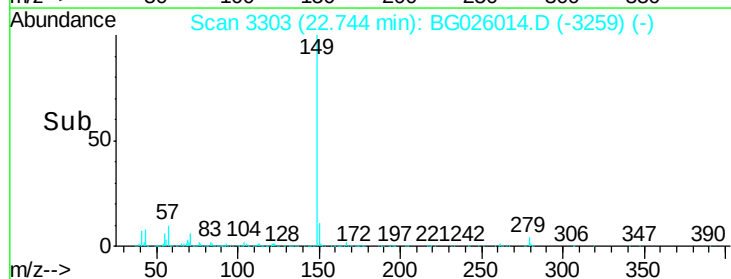
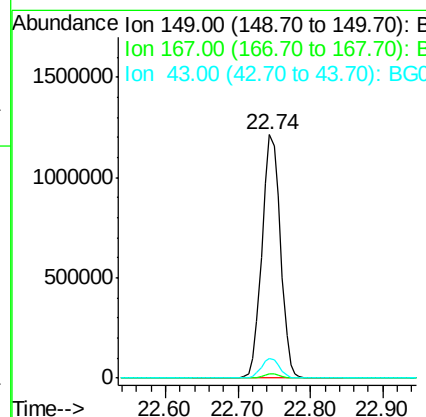
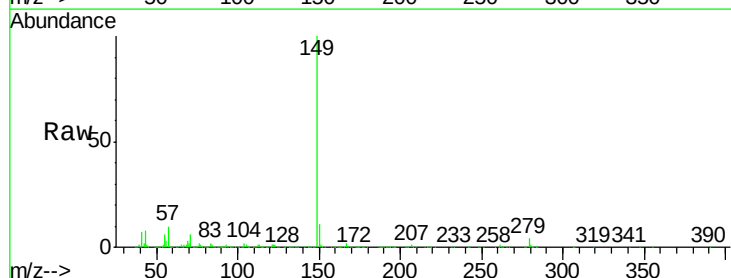
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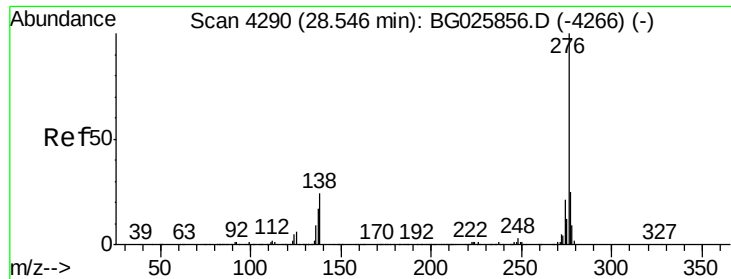
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#84
 Di-n-octyl phthalate
 Concen: 41.00 ng
 RT: 22.74 min Scan# 3303
 Delta R.T. -0.04 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Tgt Ion:149 Resp: 2147598
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 8.0 11.8 17.6#





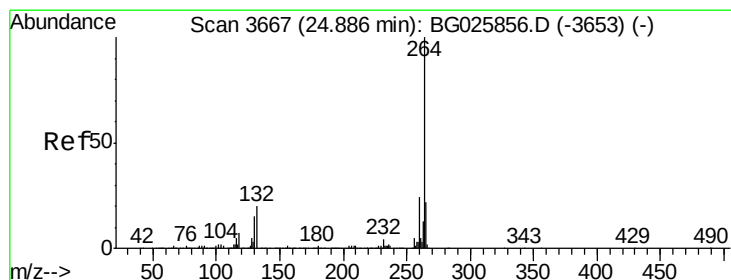
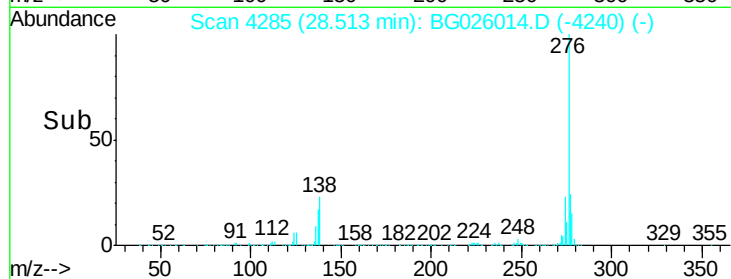
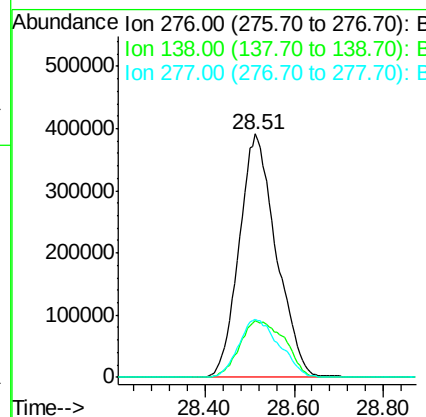
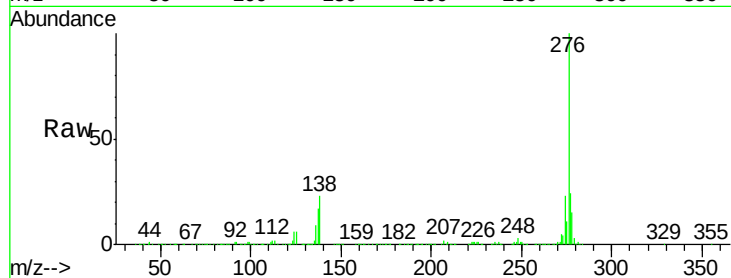
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.20 ng
RT: 28.51 min Scan# 4285
Delta R.T. -0.03 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion: 276 Resp: 2251361
Ion Ratio Lower Upper
276 100
138 28.4 4.7 7.1#
277 26.1 20.6 31.0

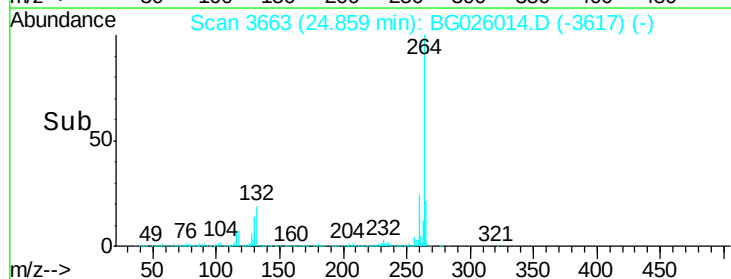
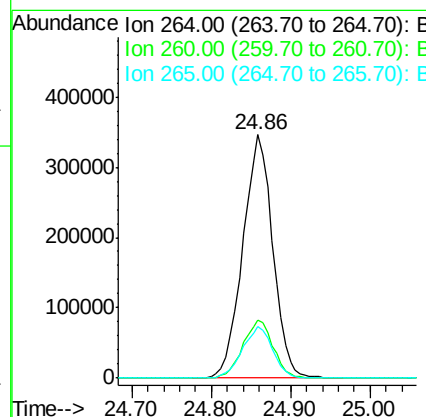
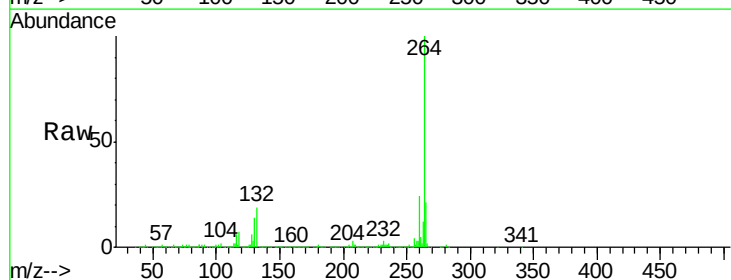
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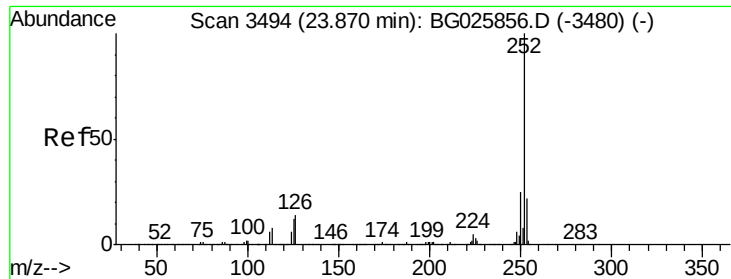
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 3663
Delta R.T. -0.03 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Tgt Ion: 264 Resp: 909930
Ion Ratio Lower Upper
264 100
260 24.0 21.8 32.8
265 21.4 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 35.43 ng

RT: 23.85 min Scan# 3491

Delta R.T. -0.02 min

Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Instrument :

BNA_G

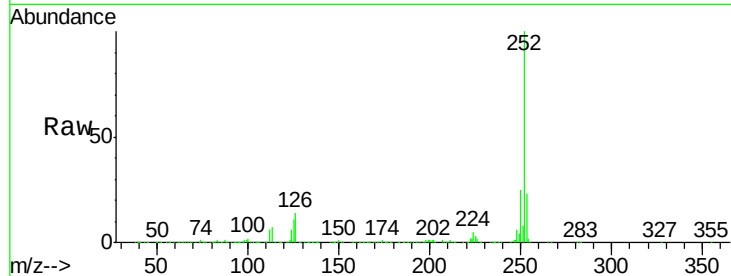
ClientSampleId :

PB97225BS

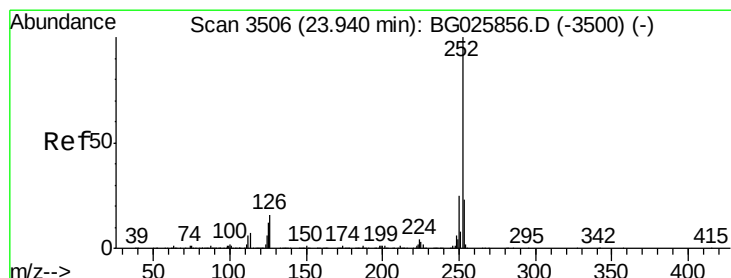
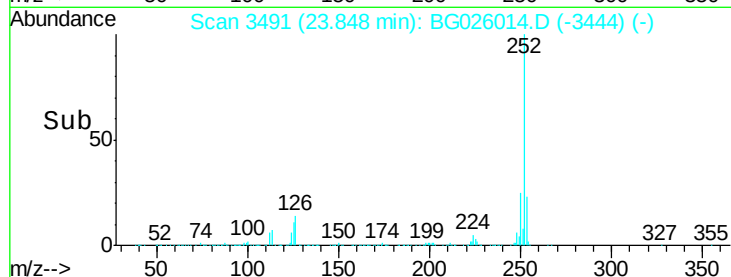
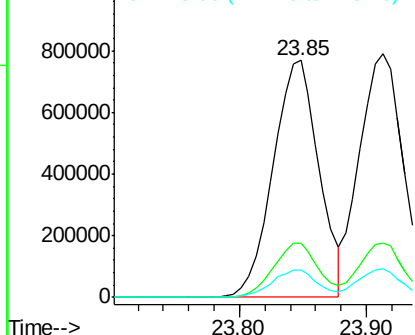
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	11.4	5.3	7.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.58 ng

RT: 23.91 min Scan# 3502

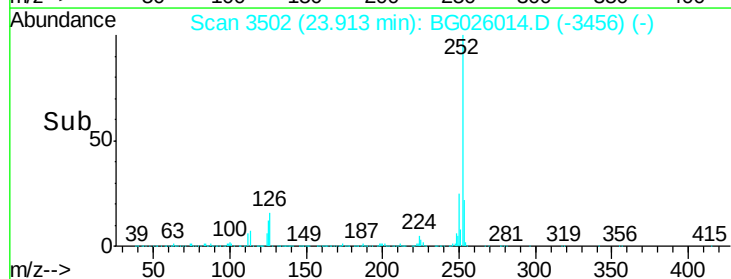
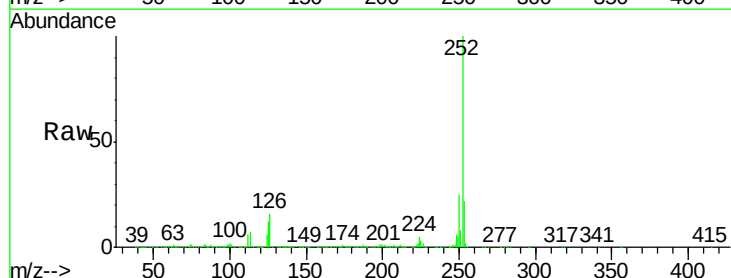
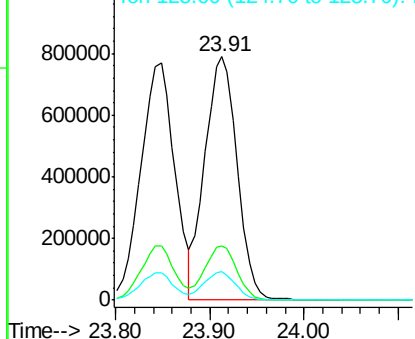
Delta R.T. -0.03 min

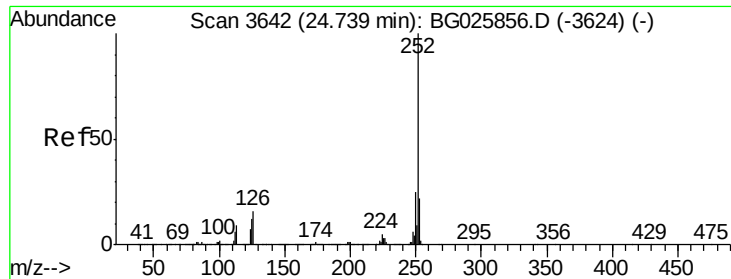
Lab File: BG026014.D

Acq: 1 Mar 2017 2:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	11.8	5.1	7.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





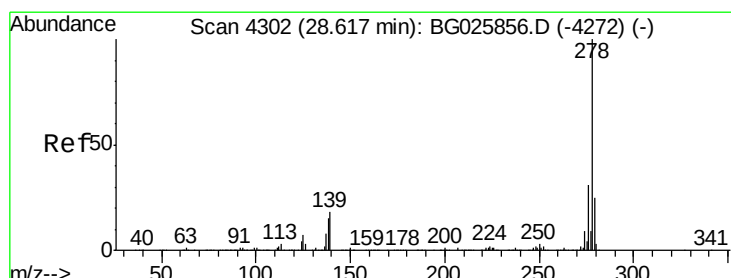
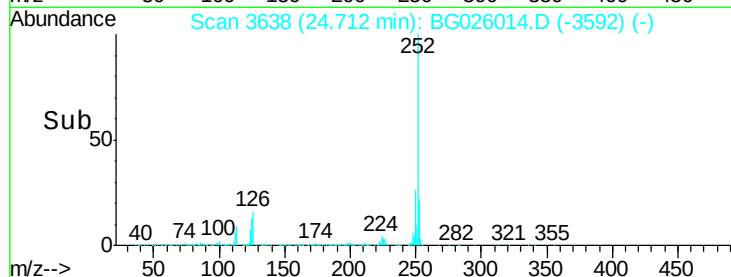
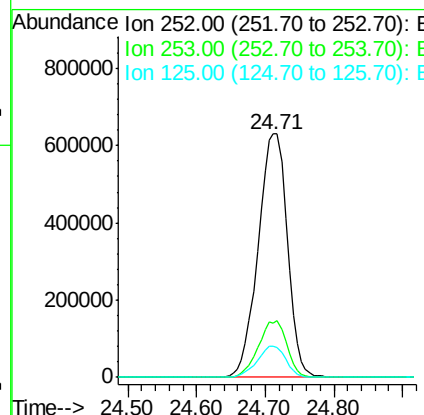
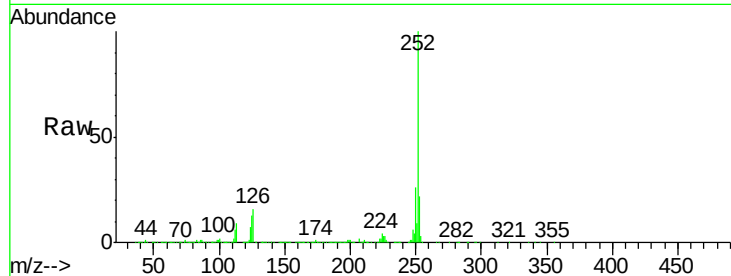
#89
Benzo(a)pyrene
Concen: 36.27 ng
RT: 24.71 min Scan# 3638
Delta R.T. -0.03 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

Instrument :
BNA_G
ClientSampleId :
PB97225BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	12.9	5.4	8.0#

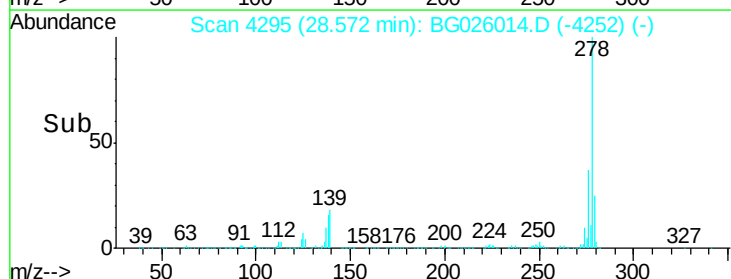
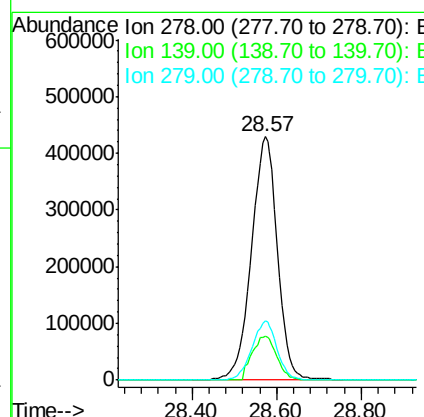
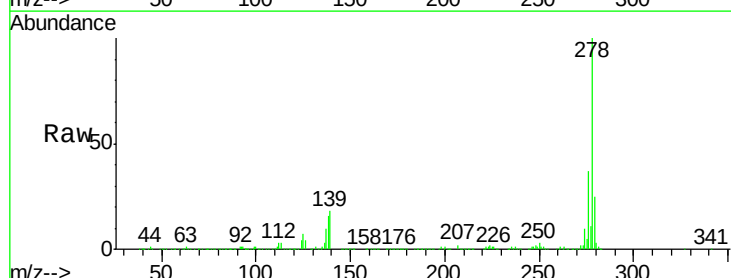
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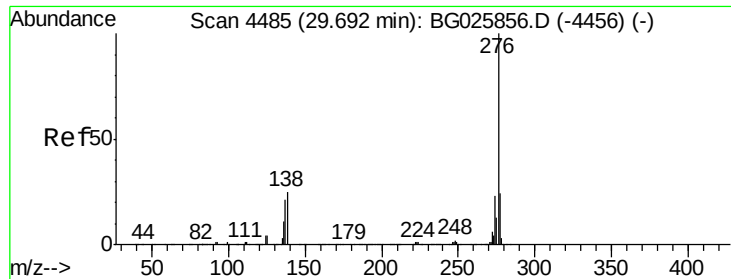
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#90
Dibenzo(a,h)anthracene
Concen: 35.70 ng
RT: 28.57 min Scan# 4295
Delta R.T. -0.04 min
Lab File: BG026014.D
Acq: 1 Mar 2017 2:23

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





#91
 Benzo(g,h,i)perylene
 Concen: 36.15 ng
 RT: 29.66 min Scan# 4480
 Delta R.T. -0.03 min
 Lab File: BG026014.D
 Acq: 1 Mar 2017 2:23

Instrument :
 BNA_G
 ClientSampleId :
 PB97225BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	24.4	8.1	12.1

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